

# Submittal

**AMN Healthcare**

12/30/2022

## Contractor

Rogers-O'Brien Construction  
11200 Richmond Ave Ste 110  
Houston, Tx 77082

**FLOOR 5 UNITS STARTS  
ON PAGE 3  
FLOOR 5 MATRIX STARTS  
ON PAGE 45**

**FLOOR 6 UNITS STARTS  
ON PAGE 3  
FLOOR 5 MATRIX STARTS  
ON PAGE 50**

## Project Manager

Genesis Arroyo  
(469) 369-4652

## Supplier


TD Industries  
13850 Diplomat Dr  
Dallas, TX 75234  
(214) 215-9349

## Equipment

Price FPBs rev 1

<input type="checkbox"/> No Exception Taken	<input checked="" type="checkbox"/> Furnish As Corrected	<input type="checkbox"/> Revise And Submit
<input type="checkbox"/> Rejected	<input type="checkbox"/> Submit Specific Item	
<input type="checkbox"/> Reviewed For Compliance With Performance Spec		

This review was performed only for general conformance to design concept of the project and general compliance with information given in the contract documents. Modifications or comments made on the shop drawings during this review do not relieve contractor from compliance with the requirements of the plans and specifications. Contractor is responsible for: dimensions being confirmed and correlated at the jobsite, information that pertains solely to fabrication processes or to the means, methods, techniques, sequences, and procedures of construction, coordination of the work of all trades, and performing all work in a safe and satisfactory manner.

**PURDY-MCGUIRE, INC. – MEP ENGINEERS**  
17300 N. Dallas Parkway, Suite 3000, Dallas, Texas 75248  
Phone: (972) 239-5357 | www.Purdy-McGuire.com 

Date: January 10, 2023 By: Jeremy Penderly

Comments:
4th floor equipment missing in submittal.
In the field adjust the Reheat ( CFM) to match Heating CFM on mechanical schedule.



# Terminals Submittals

**Job Name:** AMN Healthcare Project  
**Job Location:** Dallas, TX  
**Customer:** TD Industries  
**Date Printed:** 12/27/2022  
**Spec Section:** 15 - HVAC

**Contact:** 6029 W CAMPUS CIRCLE DRIVE  
SUITE 100  
IRVING, TX 75063

# PRICE ALL-IN-ONE

**FLOOR 5**

## Terminal Unit Selection - FDV5

**Project:** AMN Healthcare Project    **Location:** Dallas, TX  
**Tag:** 5-1    **Quantity:** 1

**Altitude:** 0 (ft)

**Model:** FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	294	PSC	277	1.1	1/8	420	105	1.00	0.25	0.75	0.02	5.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
3.0	399	69.7	93.5	480-3	1	3.6

### Accessories

<b>Terminal Liner :</b> FF	<b>Accessory 1 :</b> FTRM31	<b>Accessory 2 :</b> PS
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### Coil Options

<b>Coil Option 1 :</b> FUS	<b>Coil Option 2 :</b> IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
<b>Fan Only</b>	58	61	52	52	45	40	31 (3)	61	51	46	41	39	29	--
<b>Primary Valve Only</b>	54	46	44	41	31	27	--	68	55	48	45	43	38	21 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-2 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	630	PSC	277	1.7	1/4	900	225	1.00	0.25	0.75	0.02	11.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
6.5	855	69.7	93.7	480-3	2	7.8

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	59	64	60	61	53	49	35 (4)	64	56	53	51	49	41	--		
Primary Valve Only	62	55	51	48	36	34	25 (4)	71	60	51	49	47	41	22 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-3 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	357	PSC	277	1.1	1/8	510	128	1.00	0.25	0.75	0.03	6.6	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
3.5	485	69.7	92.5	480-3	1	4.2

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	59	62	54	55	47	43	32 (3)	63	52	48	44	42	33	--
Primary Valve Only	56	49	47	44	33	29	21 (4)	70	58	50	47	45	39	24 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-4 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	595	PSC	277	1.7	1/4	850	213	1.00	0.25	0.75	0.02	11.2	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
6.0	808	69.7	93.2	480-3	2	7.2

### Accessories

Terminal Liner : FF

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	58	63	60	60	52	48	35 (4)	63	55	52	50	48	40	--		
Primary Valve Only	62	55	51	48	36	33	25 (4)	71	59	51	48	46	40	22 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-5 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	406	PSC	277	1.1	1/8	580	145	1.00	0.25	0.75	0.04	7.4	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
4.0	551	69.7	92.6	480-3	1	4.8

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	60	62	55	56	49	46	32 (3)	64	53	49	45	44	36	--
Primary Valve Only	57	50	49	45	34	30	23 (4)	71	60	51	49	47	41	25 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-6 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	994	PSC	277	3.2	1/2	1420	355	1.00	0.25	0.75	0.01	19.0	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
10.0	1349	69.7	93.1	480-3	3	12.0

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	67	64	66	64	56	53	41 (4)	73	60	57	55	53	47	25 (2)		
Primary Valve Only	61	56	53	49	38	35	27 (4)	74	65	58	55	52	45	26 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-7 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	588	PSC	277	1.7	1/4	840	210	1.00	0.25	0.75	0.02	11.2	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
6.0	798	69.7	93.5	480-3	2	7.2

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	58	63	60	60	52	48	35 (4)	63	55	52	50	47	39	--
Primary Valve Only	62	55	51	48	36	33	25 (4)	71	59	51	48	46	40	22 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-8 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	868	PSC	277	3.2	1/2	1240	310	1.00	0.25	0.75	0.01	16.8	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
8.5	1178	69.7	92.5	480-3	3	10.2

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	66	63	64	62	54	50	39 (4)	71	58	55	53	50	44	22 (2)		
Primary Valve Only	60	55	52	48	37	34	26 (4)	73	63	57	54	51	44	25 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-9 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	250	PSC	277	1.1	1/8	340	85	1.00	0.25	0.75	0.01	5.1	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
2.5	335	69.9	93.5	480-3	1	3.0

### Accessories

Terminal Liner : FF

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	56	61	51	51	43	37	31 (3)	59	50	44	39	37	25	--		
Primary Valve Only	51	43	41	38	28	25	--	66	52	46	42	41	36	--		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-10 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	885	PSC	277	3.2	1/2	1260	315	1.00	0.25	0.75	0.01	16.8	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
8.5	1200	69.8	92.2	480-3	2	10.2

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	66	63	64	62	54	50	39 (4)	71	58	55	54	51	45	22 (2)		
Primary Valve Only	60	55	52	48	37	34	26 (4)	73	64	57	54	51	44	25 (2)		

#### Performance Notes:

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- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
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- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-11 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	812	PSC	277	3.2	1/2	1160	290	1.00	0.25	0.75	0.01	16.0	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
8.0	1102	69.7	92.6	480-3	2	9.6

### Accessories

Terminal Liner : FF  
 Accessory 3 : CRH

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	65	62	63	61	53	49	38 (4)	70	57	54	52	49	43	21 (2)
Primary Valve Only	60	54	51	47	36	34	25 (4)	72	63	56	53	50	43	24 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-12 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	679	PSC	277	1.7	1/4	970	243	1.00	0.25	0.75	0.02	12.7	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.0	922	69.7	93.7	480-3	2	8.4

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	60	64	61	62	54	51	36 (4)	65	56	54	52	50	43	--
Primary Valve Only	63	56	52	49	37	34	26 (4)	72	61	52	50	48	41	24 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-13 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	800	PSC	277	3.2	1/2	1020	255	1.00	0.25	0.75	0.01	14.5	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.0	1055	70.2	91.2	480-3	2	8.4

### Accessories

Terminal Liner : FF

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	65	62	63	61	53	48	38 (4)	70	57	54	52	49	43	21 (2)		
Primary Valve Only	59	53	50	46	35	34	24 (4)	71	61	55	52	49	42	22 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-14 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	680	170	1.00	0.25	0.75	0.01	9.6	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
5.0	720	70.3	92.2	480-3	2	6.0

### Accessories

Terminal Liner : FF

Accessory 3 : CRH

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--
Primary Valve Only	60	52	49	46	34	32	23 (4)	68	56	48	45	44	38	21 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-15 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	959	PSC	277	3.2	1/2	1370	343	1.00	0.25	0.75	0.01	18.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
9.5	1302	69.7	92.8	480-3	3	11.4

### Accessories

Terminal Liner : FF  
 Accessory 3 : CRH

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	67	64	65	63	55	52	40 (4)	72	59	56	55	52	47	24 (2)
Primary Valve Only	61	55	53	49	38	35	27 (4)	74	65	58	55	52	45	26 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-16 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	896	PSC	277	3.2	1/2	1280	320	1.00	0.25	0.75	0.01	17.5	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
9.0	1216	69.7	93.1	480-3	3	10.8

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	66	63	64	62	54	51	39 (4)	71	59	56	54	51	45	22 (2)		
Primary Valve Only	60	55	52	48	37	35	26 (4)	73	64	57	54	51	44	25 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-17 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	800	PSC	277	3.2	1/2	1080	270	1.00	0.25	0.75	0.01	15.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.5	1070	70.0	92.1	480-3	2	9.0

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	65	62	63	61	53	48	38 (4)	70	57	54	52	49	43	21 (2)		
Primary Valve Only	59	53	51	47	36	34	25 (4)	72	62	56	52	49	42	24 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-18 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	945	PSC	277	3.2	1/2	1350	338	1.00	0.25	0.75	0.01	18.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
9.5	1283	69.7	93.1	480-3	3	11.4

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	67	64	65	63	55	52	40 (4)	72	59	56	55	52	46	24 (2)
Primary Valve Only	61	55	53	48	38	35	27 (4)	74	64	58	55	51	44	26 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-19 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	630	158	1.00	0.25	0.75	0.01	8.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
4.5	708	70.5	90.6	480-3	1	5.4

### Accessories

Terminal Liner : FF

Accessory 3 : CRH

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--		
Primary Valve Only	59	52	48	45	33	31	22 (4)	67	54	47	44	43	37	20 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-20 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	294	PSC	277	1.1	1/8	420	105	1.00	0.25	0.75	0.02	5.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
3.0	399	69.7	93.5	480-3	1	3.6

### Accessories

Terminal Liner : FF  
 Accessory 3 : IAS

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	55	57	47	43	34	29	26 (3)	61	51	46	41	39	29	--
Primary Valve Only	51	42	39	32	20	--	--	68	55	48	45	43	38	21 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-21 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	371	PSC	277	1.1	1/8	530	133	1.00	0.25	0.75	0.03	7.4	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
4.0	504	69.7	94.8	480-3	1	4.8

### Accessories

Terminal Liner : FF  
 Accessory 3 : IAS

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	57	58	50	46	37	33	27 (3)	63	52	48	44	42	34	--
Primary Valve Only	53	45	42	35	22	18	--	70	59	50	48	46	40	24 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-22 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	630	158	1.00	0.25	0.75	0.01	8.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
4.5	708	70.5	90.6	480-3	1	5.4

### Accessories

Terminal Liner : FF  
 Accessory 3 : CRH

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--
Primary Valve Only	59	52	48	45	33	31	22 (4)	67	54	47	44	43	37	20 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-1 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	5014	1500	PSC	277	4.4	3/4	1680	420	1.00	0.25	0.75	0.01	22.8	25.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
11.5	1920	70.6	89.5	480-3	3	13.8

### Accessories

Terminal Liner : FF

Accessory 4 : CRH

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	71	66	67	67	60	57	43 (4)	72	68	62	60	58	53	26 (3)
Primary Valve Only	59	55	54	51	39	36	28 (4)	71	62	56	55	53	46	22 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-2 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	322	PSC	277	1.1	1/8	460	115	1.00	0.25	0.75	0.02	6.6	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
3.5	437	69.7	95.0	480-3	1	4.2

### Accessories

Terminal Liner : FF  
 Accessory 3 : IAS

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	55	57	48	44	35	30	26 (3)	62	51	47	42	40	31	--
Primary Valve Only	52	43	40	33	21	17	--	69	56	49	46	44	39	22 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-3 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	308	PSC	277	1.1	1/8	440	110	1.00	0.25	0.75	0.02	5.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
3.0	418	69.7	92.4	480-3	1	3.6

### Accessories

Terminal Liner : FF  
 Accessory 3 : IAS

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	55	57	48	44	34	30	26 (3)	61	51	46	42	40	30	--
Primary Valve Only	51	42	40	33	20	--	--	68	56	48	45	44	38	21 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-4 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	800	PSC	277	3.2	1/2	1080	270	1.00	0.25	0.75	0.01	15.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.5	1070	70.0	92.1	480-3	2	9.0

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	65	62	63	61	53	48	38 (4)	70	57	54	52	49	43	21 (2)		
Primary Valve Only	59	53	51	47	36	34	25 (4)	72	62	56	52	49	42	24 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-5 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	406	PSC	277	1.1	1/8	580	145	1.00	0.25	0.75	0.04	7.4	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
4.0	551	69.7	92.6	480-3	3	4.8

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	60	62	55	56	49	46	32 (3)	64	53	49	45	44	36	--
Primary Valve Only	57	50	49	45	34	30	23 (4)	71	60	51	49	47	41	25 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-6 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	994	PSC	277	3.2	1/2	1420	355	1.00	0.25	0.75	0.01	19.0	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
10.0	1349	69.7	93.1	480-3	3	12.0

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	67	64	66	64	56	53	41 (4)	73	60	57	55	53	47	25 (2)
Primary Valve Only	61	56	53	49	38	35	27 (4)	74	65	58	55	52	45	26 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-7 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	588	PSC	277	1.7	1/4	840	210	1.00	0.25	0.75	0.02	11.2	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
6.0	798	69.7	93.5	480-3	2	7.2

### Accessories

Terminal Liner : FF  
 Accessory 3 : IAS

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	55	59	55	51	41	37	30 (4)	63	55	52	50	47	39	--
Primary Valve Only	59	51	46	39	25	22	21 (2)	71	59	51	48	46	40	22 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-8 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	868	PSC	277	3.2	1/2	1240	310	1.00	0.25	0.75	0.01	16.8	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
8.5	1178	69.7	92.5	480-3	2	10.2

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	66	63	64	62	54	50	39 (4)	71	58	55	53	50	44	22 (2)
Primary Valve Only	60	55	52	48	37	34	26 (4)	73	63	57	54	51	44	25 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-9 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	680	170	1.00	0.25	0.75	0.01	9.6	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
5.0	720	70.3	92.2	480-3	2	6.0

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--
Primary Valve Only	60	52	49	46	34	32	23 (4)	68	56	48	45	44	38	21 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-10 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	680	170	1.00	0.25	0.75	0.01	9.6	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
5.0	720	70.3	92.2	480-3	2	6.0

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--
Primary Valve Only	60	52	49	46	34	32	23 (4)	68	56	48	45	44	38	21 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-11 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	250	PSC	277	1.1	1/8	340	85	1.00	0.25	0.75	0.01	5.1	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
2.5	335	69.9	93.5	480-3	1	3.0

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	56	61	51	51	43	37	31 (3)	59	50	44	39	37	25	--
Primary Valve Only	51	43	41	38	28	25	--	66	52	46	42	41	36	--

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-12 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	574	PSC	277	1.7	1/4	820	205	1.00	0.25	0.75	0.02	11.2	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
6.0	779	69.7	94.0	480-3	2	7.2

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	57	63	59	59	51	48	34 (4)	63	55	52	49	47	39	--
Primary Valve Only	61	54	51	48	35	33	25 (4)	70	58	50	48	46	40	21 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-13 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	679	PSC	277	1.7	1/4	970	243	1.00	0.25	0.75	0.02	12.7	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.0	922	69.7	93.7	480-3	2	8.4

### Accessories

Terminal Liner : FF  
 Accessory 3 : CRH

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	60	64	61	62	54	51	36 (4)	65	56	54	52	50	43	--
Primary Valve Only	63	56	52	49	37	34	26 (4)	72	61	52	50	48	41	24 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-14 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	800	PSC	277	3.2	1/2	1020	255	1.00	0.25	0.75	0.01	14.5	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.0	1055	70.2	91.2	480-3	2	8.4

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	65	62	63	61	53	48	38 (4)	70	57	54	52	49	43	21 (2)		
Primary Valve Only	59	53	50	46	35	34	24 (4)	71	61	55	52	49	42	22 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-15 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	680	170	1.00	0.25	0.75	0.01	9.6	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
5.0	720	70.3	92.2	480-3	1	6.0

### Accessories

Terminal Liner : FF  
 Accessory 3 : CRH

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--
Primary Valve Only	60	52	49	46	34	32	23 (4)	68	56	48	45	44	38	21 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-16 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	959	PSC	277	3.2	1/2	1370	343	1.00	0.25	0.75	0.01	18.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
9.5	1302	69.7	92.8	480-3	3	11.4

### Accessories

Terminal Liner : FF  
 Accessory 3 : CRH

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	67	64	65	63	55	52	40 (4)	72	59	56	55	52	47	24 (2)
Primary Valve Only	61	55	53	49	38	35	27 (4)	74	65	58	55	52	45	26 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-17 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	896	PSC	277	3.2	1/2	1280	320	1.00	0.25	0.75	0.01	17.5	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
9.0	1216	69.7	93.1	480-3	3	10.8

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	66	63	64	62	54	51	39 (4)	71	59	56	54	51	45	22 (2)		
Primary Valve Only	60	55	52	48	37	35	26 (4)	73	64	57	54	51	44	25 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-18 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	800	PSC	277	3.2	1/2	1080	270	1.00	0.25	0.75	0.01	15.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.5	1070	70.0	92.1	480-3	2	9.0

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	65	62	63	61	53	48	38 (4)	70	57	54	52	49	43	21 (2)
Primary Valve Only	59	53	51	47	36	34	25 (4)	72	62	56	52	49	42	24 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-19 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	945	PSC	277	3.2	1/2	1350	338	1.00	0.25	0.75	0.01	18.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
9.5	1283	69.7	93.1	480-3	3	11.4

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	67	64	65	63	55	52	40 (4)	72	59	56	55	52	46	24 (2)		
Primary Valve Only	61	55	53	48	38	35	27 (4)	74	64	58	55	51	44	26 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-20 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	630	158	1.00	0.25	0.75	0.01	8.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
4.5	708	70.5	90.6	480-3	1	5.4

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--		
Primary Valve Only	59	52	48	45	33	31	22 (4)	67	54	47	44	43	37	20 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

The Results of this program are only an aid to the designer, and are not a substitute for professional design services.  
 Price Industries accepts no liability for the adequacy of any resulting design or installation. All data subject to change without notice.

**FLOOR 5**

**All-In-One**  
**Detailed Submittal Schedule**  
**Terminals**

Tag	5-1	5-2	5-3	5-4
#	61	62	63	64
Qty	1	1	1	1
Model	FDV5	FDV5	FDV5	FDV5
Size 1	2008	3010	2008	3010
Max Primary (CFM)	420	900	510	850
Min Primary (CFM)	105	225	128	213
Terminal Liner	FF	FF	FF	FF
Coil	Electric	Electric	Electric	Electric
Sequence	8001	8001	8001	8001
Aux/Fan/Mix	FF	FF	FF	FF
Hot Deck	277	277	277	277
Accessories 1	FTRM31	FTRM31	FTRM31	
Accessories 2	PS	PS	PS	
Accessories 3				
Accessories 4				
Comments	2008	2010	2008	2010

Tag	5-5	5-6	5-7	5-8
#	65	66	67	68
Qty	1	1	1	1
Model	FDV5	FDV5	FDV5	FDV5
Size 1	2008	4012	3010	4012
Max Primary (CFM)	580	1420	840	1240
Min Primary (CFM)	145	355	210	310
Terminal Liner	FF	FF	FF	FF
Coil	Electric	Electric	Electric	Electric
Sequence	8001	8001	8001	8001
Aux/Fan/Mix	FF	FF	FF	FF
Hot Deck	277	277	277	277
Accessories 1	FTRM31	FTRM31	FTRM31	FTRM31
Accessories 2	PS	PS	PS	PS
Accessories 3				
Accessories 4				
Comments	2008	3012	2010	3012

Tag	5-9	5-10	5-11	5-12
#	69	70	71	72
Qty	1	1	1	1
Model	FDV5	FDV5	FDV5	FDV5
Size 1	2008	4012	4012	3010
Max Primary (CFM)	340	1260	1160	970
Min Primary (CFM)	85	315	290	243
Terminal Liner	FF	FF	FF	FF
Coil	Electric	Electric	Electric	Electric
Sequence	8001	8001	8001	8001
Aux/Fan/Mix	FF	FF	FF	FF
Hot Deck	277	277	277	277
Accessories 1		FTRM31	FTRM31	FTRM31
Accessories 2		PS	PS	PS
Accessories 3			CRH	
Accessories 4				
Comments	2008	3012	3012	2010

Tag	5-13	5-14	5-15	5-16
#	73	74	75	76
Qty	1	1	1	1
Model	FDV5	FDV5	FDV5	FDV5
Size 1	4012	3010	4012	4012
Max Primary (CFM)	1020	680	1370	1280
Min Primary (CFM)	255	170	343	320
Terminal Liner	FF	FF	FF	FF
Coil	Electric	Electric	Electric	Electric
Sequence	8001	8001	8001	8001
Aux/Fan/Mix	FF	FF	FF	FF
Hot Deck	277	277	277	277
Accessories 1			FTRM31	FTRM31
Accessories 2			PS	PS
Accessories 3		CRH	CRH	
Accessories 4				
Comments	3012	2010	3012	3012

Tag	5-17	5-18	5-19	5-20
#	77	78	79	80
Qty	1	1	1	1
Model	FDV5	FDV5	FDV5	FDV5
Size 1	4012	4012	3010	2008
Max Primary (CFM)	1080	1350	630	420
Min Primary (CFM)	270	338	158	105
Terminal Liner	FF	FF	FF	FF
Coil	Electric	Electric	Electric	Electric
Sequence	8001	8001	8001	8001
Aux/Fan/Mix	FF	FF	FF	FF
Hot Deck	277	277	277	277
Accessories 1	FTRM31	FTRM31		FTRM31
Accessories 2	PS	PS		PS
Accessories 3			CRH	IAS
Accessories 4				
Comments	3012	3012	2010	2008

**FLOOR 6**Date Printed: 12/27/2022  
Job Name: AMN Healthcare Project

Tag	5-21	5-22	6-1	6-2
#	81	82	83	84
Qty	1	1	1	1
Model	FDV5	FDV5	FDV5	FDV5
Size 1	2008	3010	5014	2008
Max Primary (CFM)	530	630	1680	460
Min Primary (CFM)	133	158	420	115
Terminal Liner	FF	FF	FF	FF
Coil	Electric	Electric	Electric	Electric
Sequence	8001	8001	8001	8001
Aux/Fan/Mix	FF	FF	FF	FF
Hot Deck	277	277	277	277
Accessories 1	FTRM31	FTRM31		FTRM31
Accessories 2	PS	PS		PS
Accessories 3	IAS	CRH		IAS
Accessories 4			CRH	
Comments	2008	2010	4014	2008

Tag	6-3	6-4	6-5	6-6
#	85	86	87	88
Qty	1	1	1	1
Model	FDV5	FDV5	FDV5	FDV5
Size 1	2008	4012	2008	4012
Max Primary (CFM)	440	1080	580	1420
Min Primary (CFM)	110	270	145	355
Terminal Liner	FF	FF	FF	FF
Coil	Electric	Electric	Electric	Electric
Sequence	8001	8001	8001	8001
Aux/Fan/Mix	FF	FF	FF	FF
Hot Deck	277	277	277	277
Accessories 1	FTRM31	FTRM31	FTRM31	FTRM31
Accessories 2	PS	PS	PS	PS
Accessories 3	IAS			
Accessories 4				
Comments	2008	3012	2008	3012

Tag	6-7	6-8	6-9	6-10
#	89	90	91	92
Qty	1	1	1	1
Model	FDV5	FDV5	FDV5	FDV5
Size 1	3010	4012	3010	3010
Max Primary (CFM)	840	1240	680	680
Min Primary (CFM)	210	310	170	170
Terminal Liner	FF	FF	FF	FF
Coil	Electric	Electric	Electric	Electric
Sequence	8001	8001	8001	8001
Aux/Fan/Mix	FF	FF	FF	FF
Hot Deck	277	277	277	277
Accessories 1	FTRM31	FTRM31	FTRM31	FTRM31
Accessories 2	PS	PS	PS	PS
Accessories 3	IAS			
Accessories 4				
Comments	2010	3012	2010	2010

Tag	6-11	6-12	6-13	6-14
#	93	94	95	96
Qty	1	1	1	1
Model	FDV5	FDV5	FDV5	FDV5
Size 1	2008	3010	3010	4012
Max Primary (CFM)	340	820	970	1020
Min Primary (CFM)	85	205	243	255
Terminal Liner	FF	FF	FF	FF
Coil	Electric	Electric	Electric	Electric
Sequence	8001	8001	8001	8001
Aux/Fan/Mix	FF	FF	FF	FF
Hot Deck	277	277	277	277
Accessories 1	FTRM31	FTRM31	FTRM31	FTRM31
Accessories 2	PS	PS	PS	PS
Accessories 3			CRH	
Accessories 4				
Comments	2008	2010	2010	3012

Tag	6-15	6-16	6-17	6-18
#	97	98	99	100
Qty	1	1	1	1
Model	FDV5	FDV5	FDV5	FDV5
Size 1	3010	4012	4012	4012
Max Primary (CFM)	680	1370	1280	1080
Min Primary (CFM)	170	343	320	270
Terminal Liner	FF	FF	FF	FF
Coil	Electric	Electric	Electric	Electric
Sequence	8001	8001	8001	8001
Aux/Fan/Mix	FF	FF	FF	FF
Hot Deck	277	277	277	277
Accessories 1	FTRM31	FTRM31	FTRM31	FTRM31
Accessories 2	PS	PS	PS	PS
Accessories 3	CRH	CRH		
Accessories 4				
Comments	2010	3012	3012	3012

Tag	6-19	6-20
#	101	102
Qty	1	1
Model	FDV5	FDV5
Size 1	4012	3010
Max Primary (CFM)	1350	630
Min Primary (CFM)	338	158
Terminal Liner	FF	FF
Coil	Electric	Electric
Sequence	8001	8001
Aux/Fan/Mix	FF	FF
Hot Deck	277	277
Accessories 1	FTRM31	FTRM31
Accessories 2	PS	PS
Accessories 3		
Accessories 4		
Comments	3012	2010

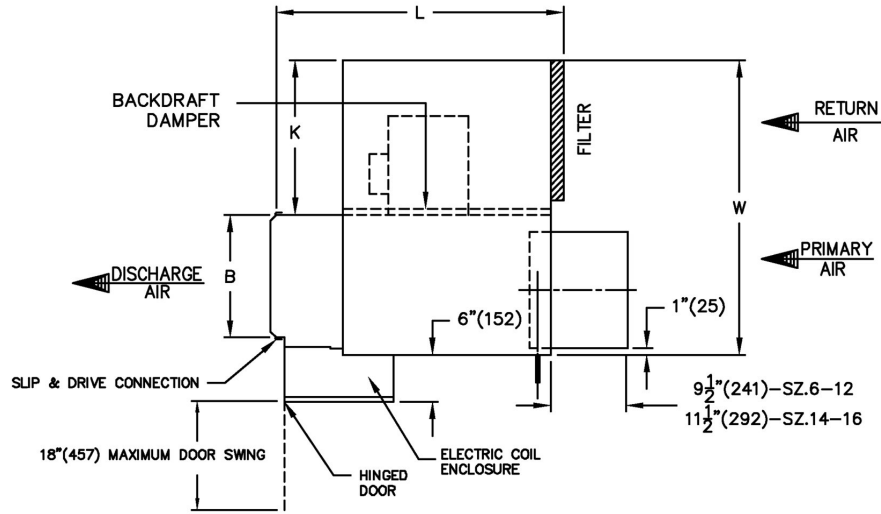


## Performance Notes

Date Printed: 12/27/2022

1. Dashes (--) indicate NC values less than 20.
2. Sound power levels are given in decibels (dB).
3. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
4. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
5. Airflow is given in cubic feet per minute (cfm).
6. Air pressure drop is given in inches water gauge (in. w.g.), and water pressure drop is given in feet of water gauge (ft. w.g.).
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



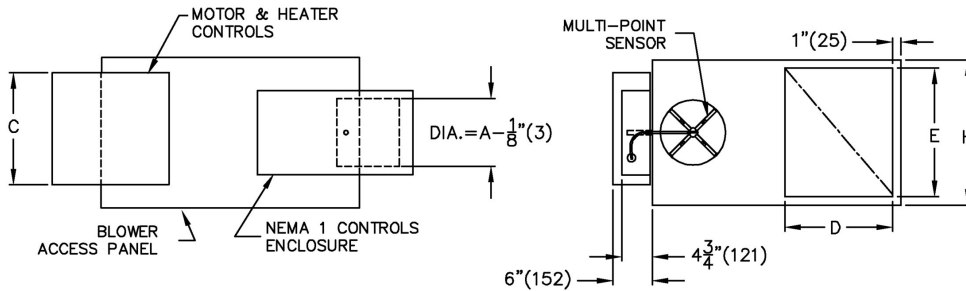
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
2008	750	8	12	15 1/2	14	12 1/2	31	17 1/2	36 1/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
2008	1/8	2.9	0.9	0.8	1.1

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/2008/FLD/CFM/277/294//EC/3.0/480-3/1/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

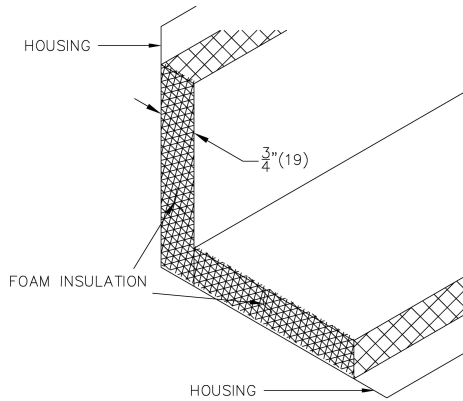
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

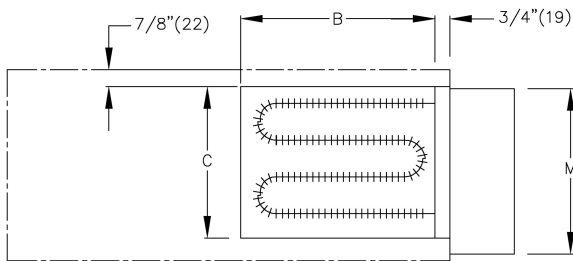
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
2008	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 1

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/2008/FLD/CFM/277/294//EC/3.0/480-3/1/FUS/IDSW/////FF/FTRM31/PS//////////

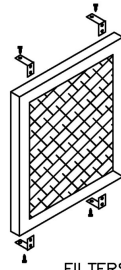
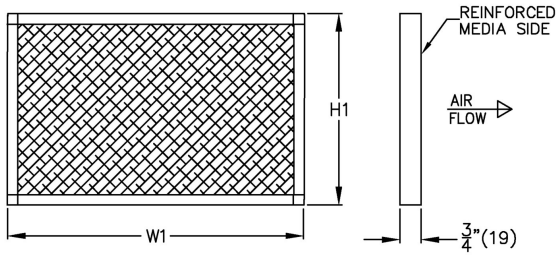
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
2008	14 $\frac{7}{8}$	17 $\frac{3}{8}$

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

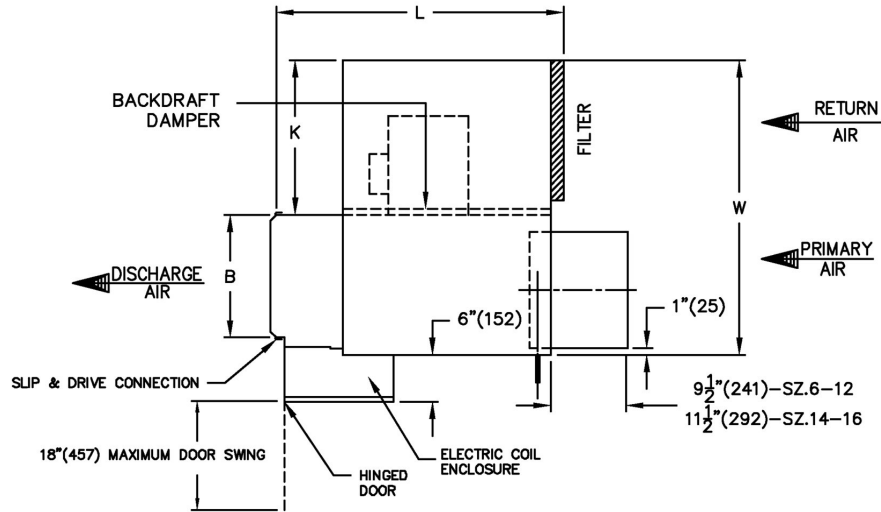
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



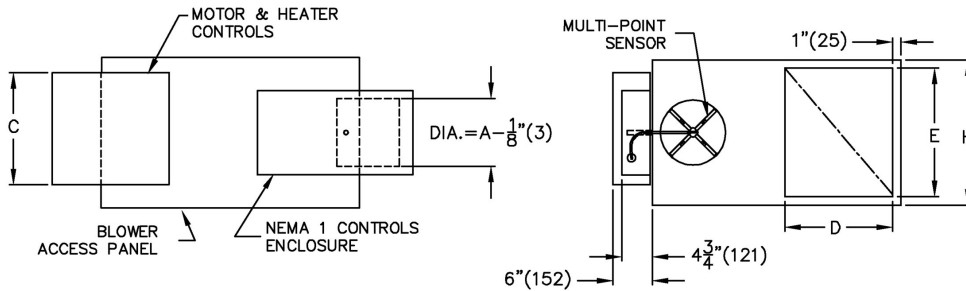
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	36 5/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/3010/FLD/CFM/277/630//EC/6.5/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

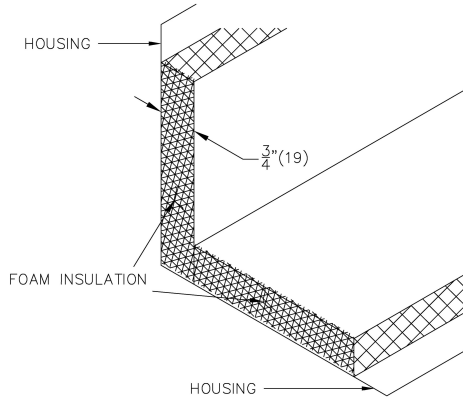
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

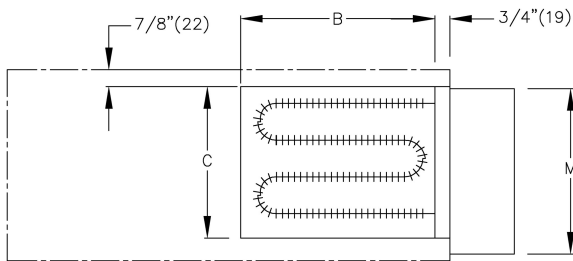
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/3010/FLD/CFM/277/630//EC/6.5/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

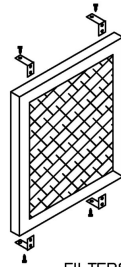
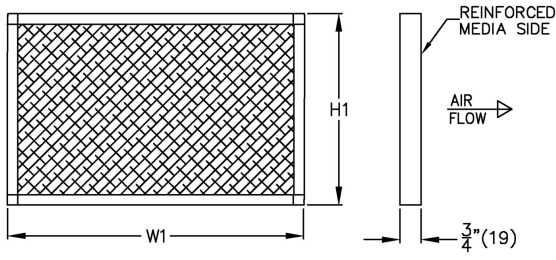
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
3010	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

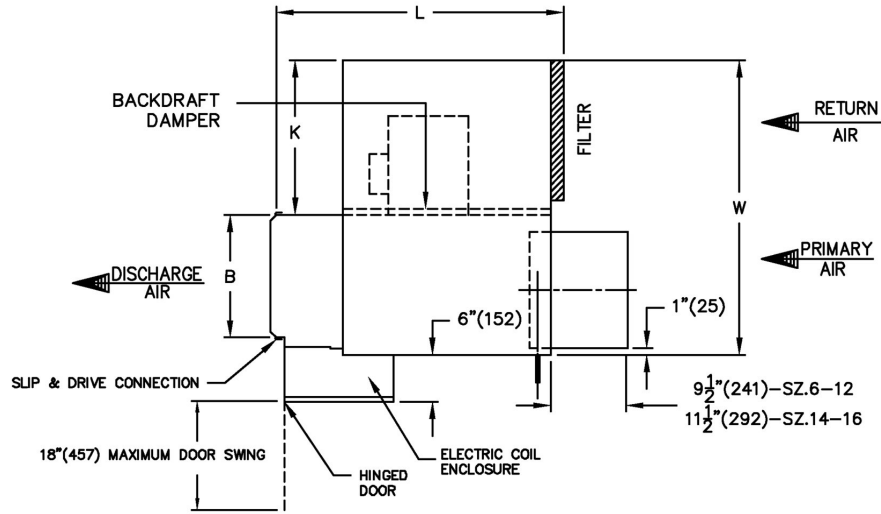
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



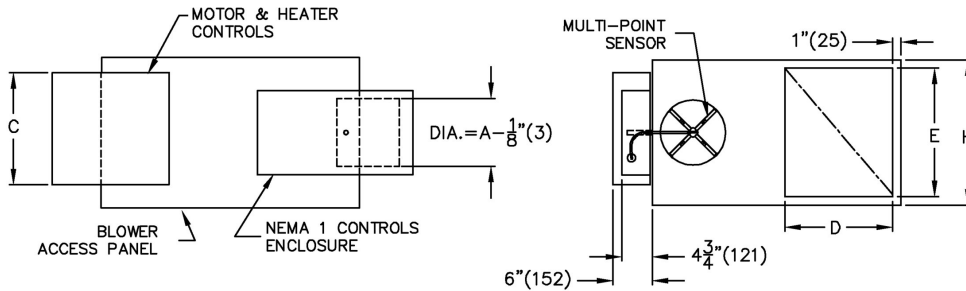
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
2008	750	8	12	15 1/2	14	12 1/2	31	17 1/2	36 1/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
2008	1/8	2.9	0.9	0.8	1.1

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Intertek



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/2008/FLD/CFM/277/357//EC/3.5/480-3/1/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

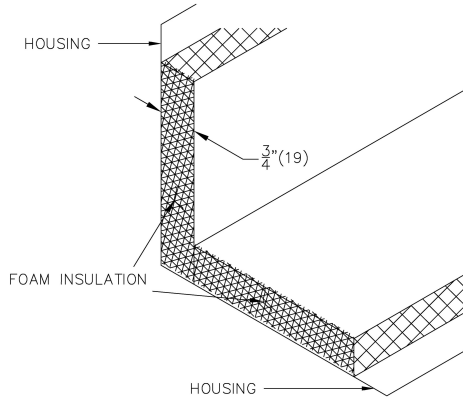
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

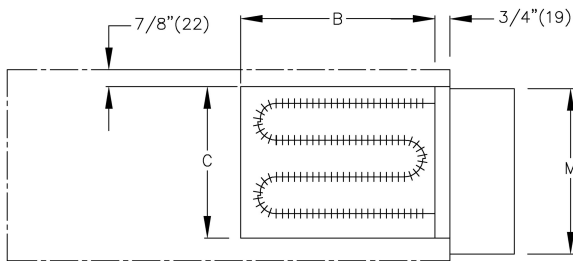
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
2008	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 1

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/2008/FLD/CFM/277/357//EC/3.5/480-3/1/FUS//IDSW/////FF/FTRM31/PS//

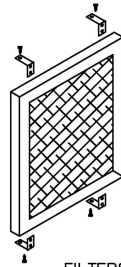
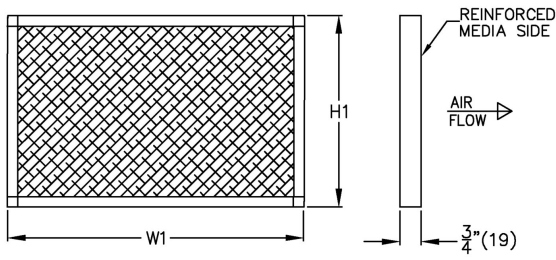
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
2008	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

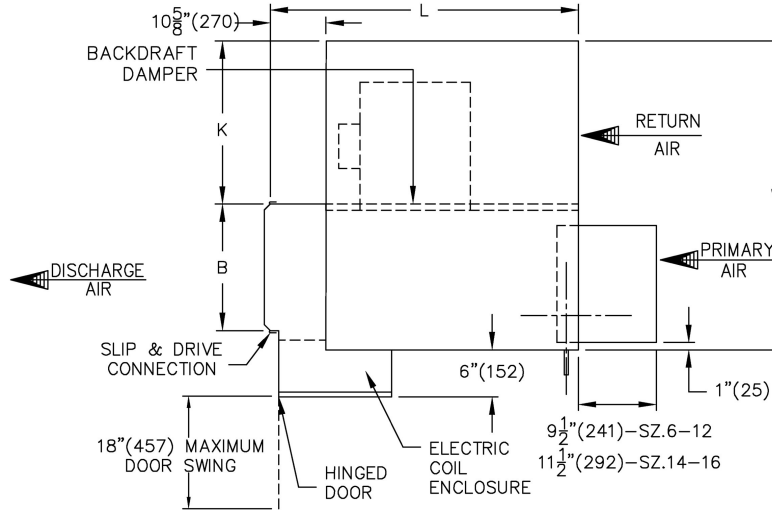
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



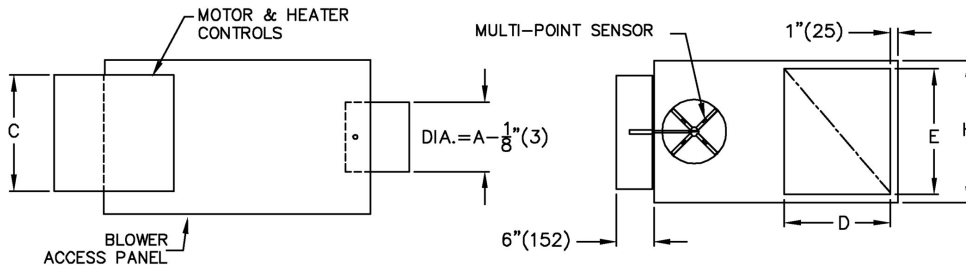
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	36 3/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/3010/FLD/CFM/277/595//EC/6.0/480-3/2/FUS//IDSW/////FF//////////

**SUBMITTAL NO:** 258514-A

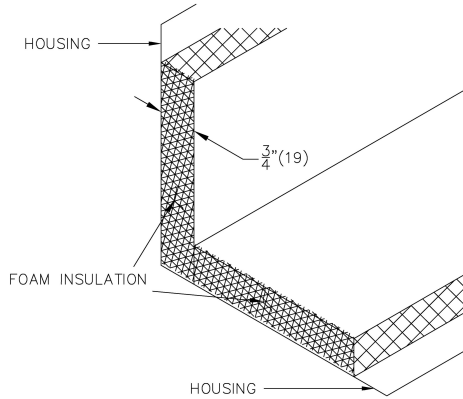
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

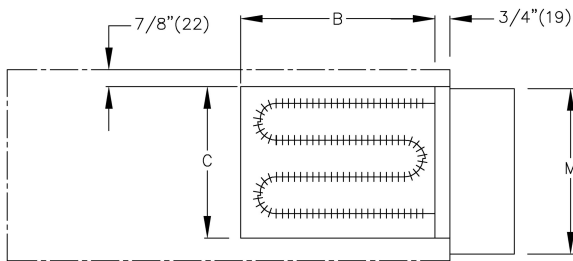
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

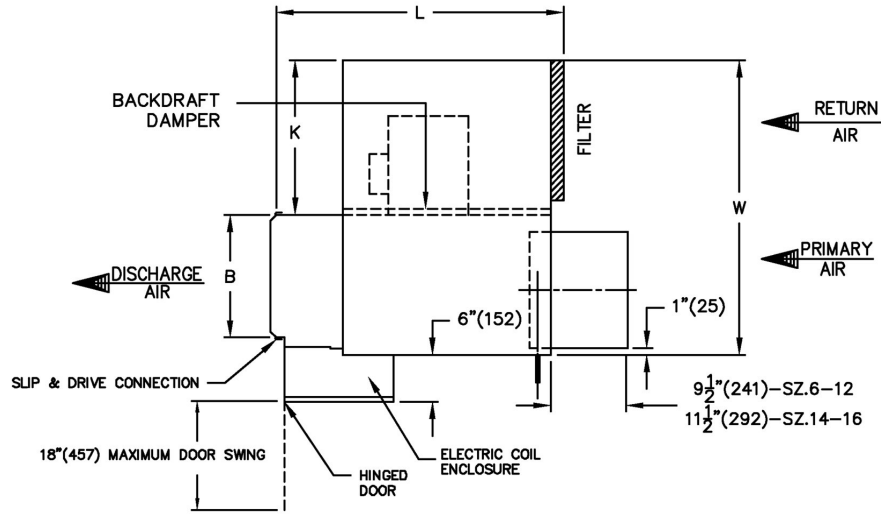
FDV5//1/8001/3010/FLD/CFM/277/595//EC/6.0/480-3/2/FUS/IDSW/////FF//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



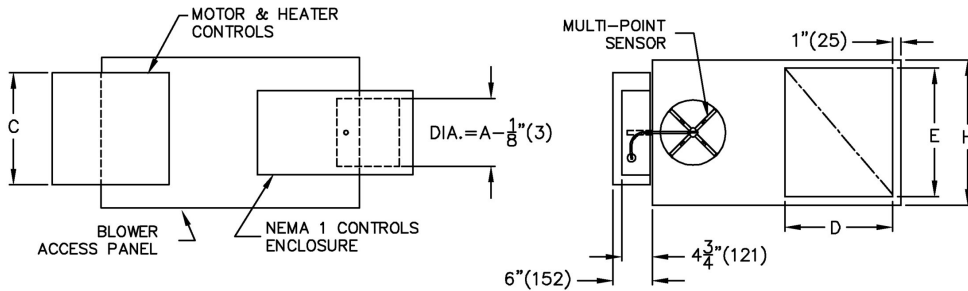
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
2008	750	8	12	15 1/2	14	12 1/2	31	17 1/2	36 1/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
2008	1/8	2.9	0.9	0.8	1.1

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/2008/FLD/CFM/277/406//EC/4.0/480-3/1/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

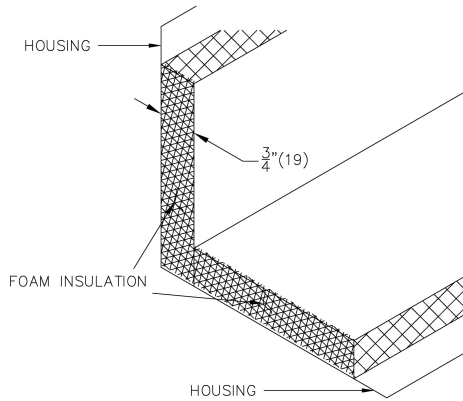
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

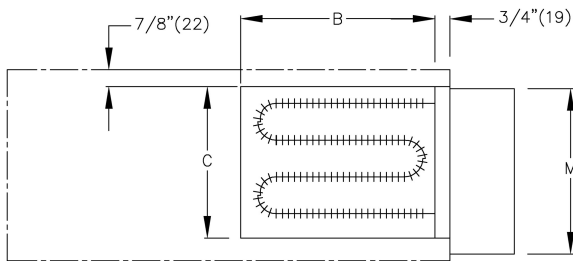
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
2008	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 1

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/2008/FLD/CFM/277/406//EC/4.0/480-3/1/FUS/IDSW/////FF/FTRM31/PS//////////

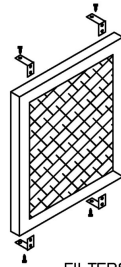
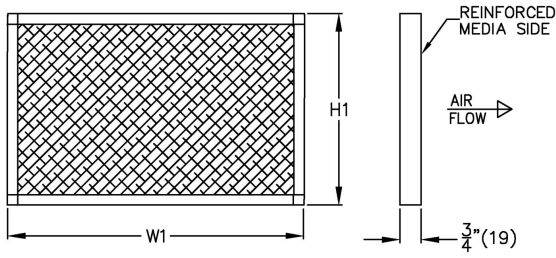
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
2008	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

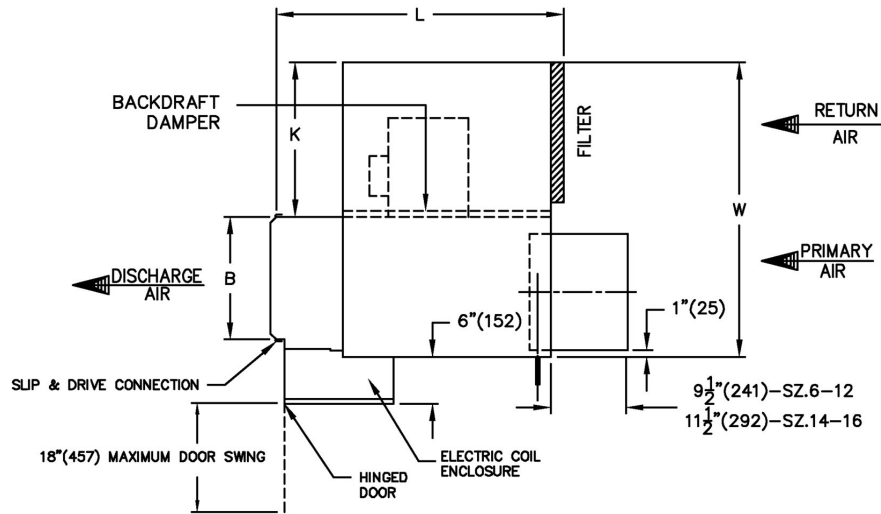
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



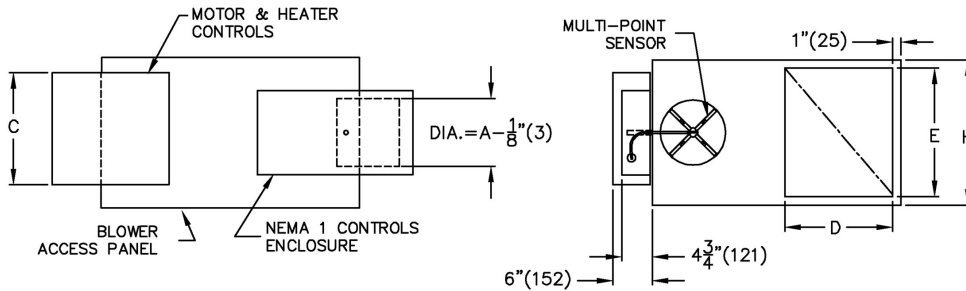
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Intertek



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/4012/FLD/CFM/277/994//EC/10.0/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

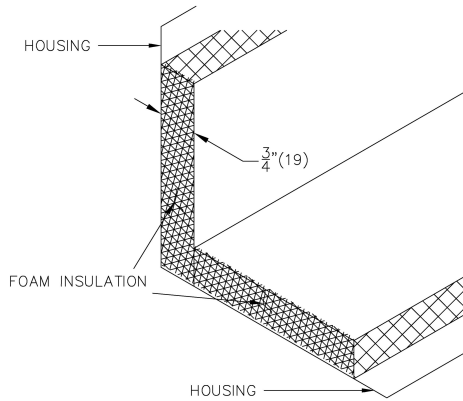
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

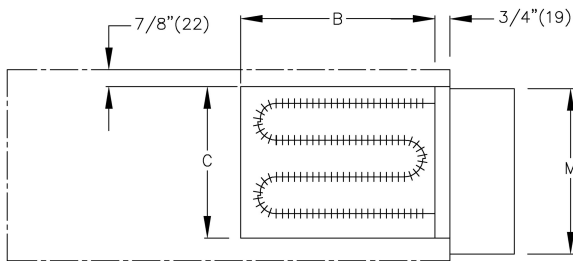
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 3

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/994//EC/10.0/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

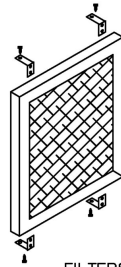
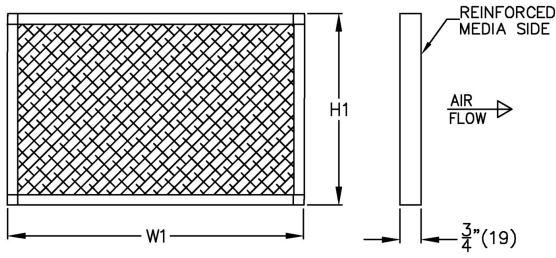
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

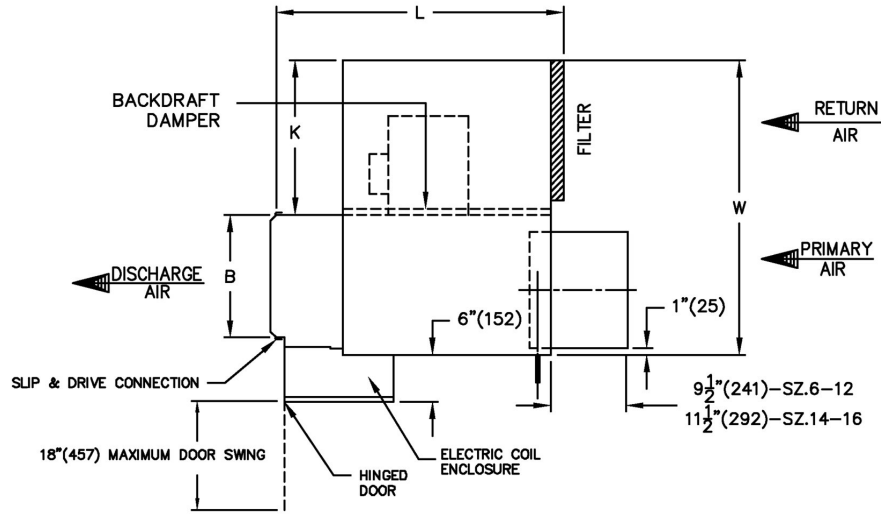
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



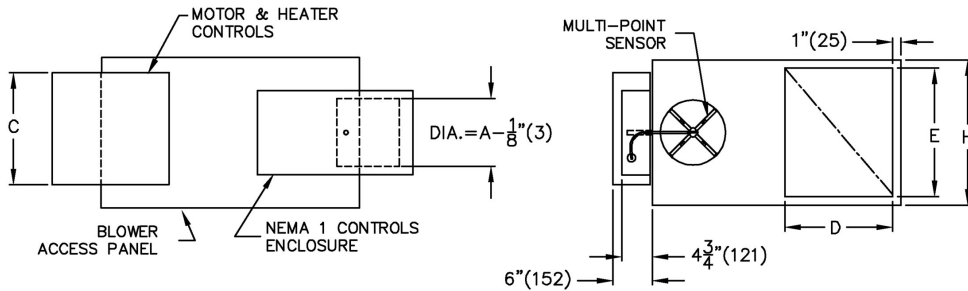
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	36 1/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Intertek



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/3010/FLD/CFM/277/588//EC/6.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

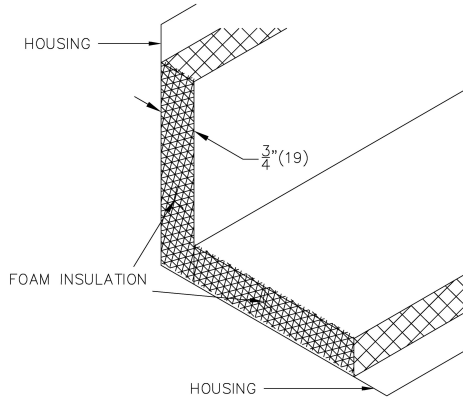
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

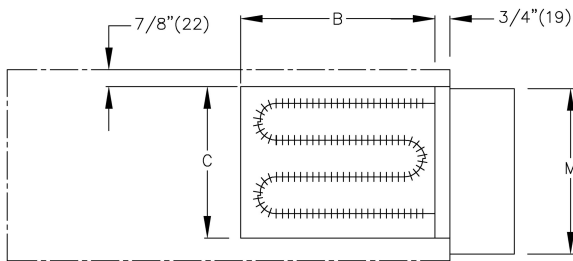
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/3010/FLD/CFM/277/588//EC/6.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

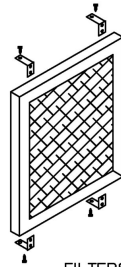
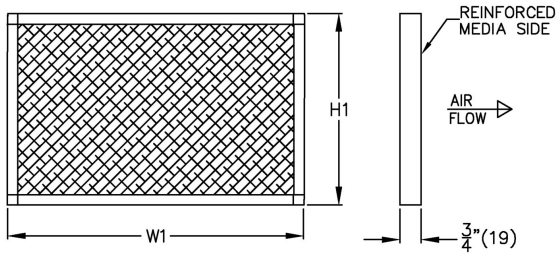
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
3010	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

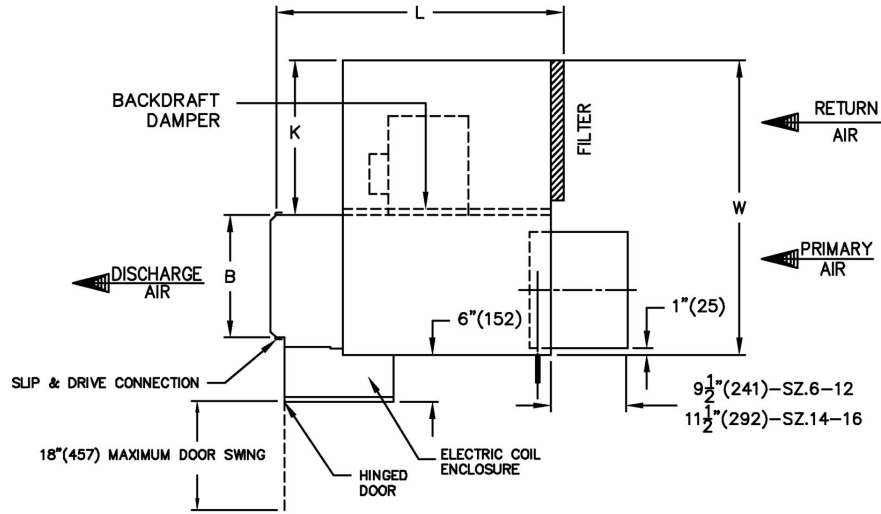
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



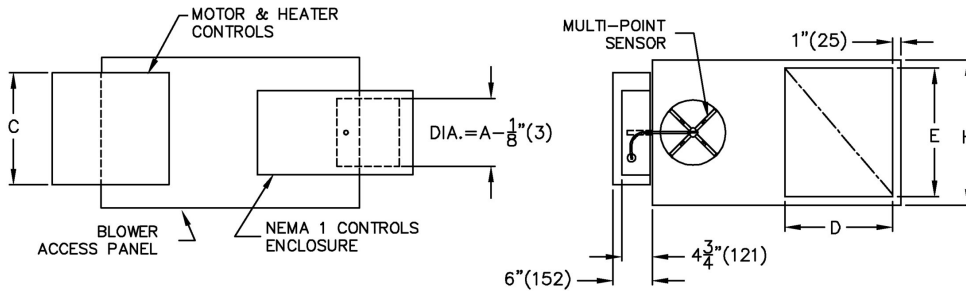
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Intertek



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/4012/FLD/CFM/277/868//EC/8.5/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

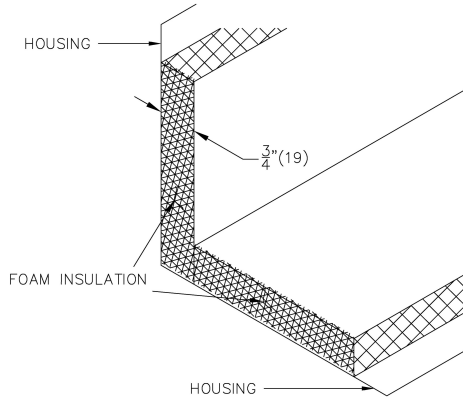
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

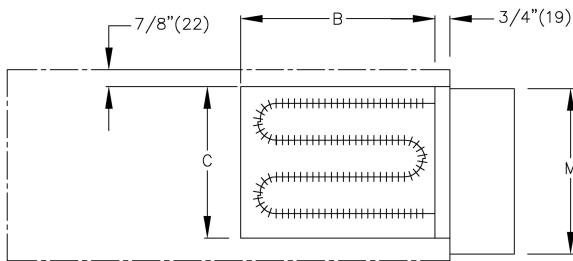
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 3

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/868//EC/8.5/480-3/3/FUS//IDSW/////FF/FTRM31/PS//////////

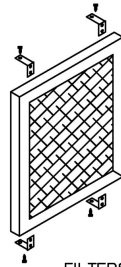
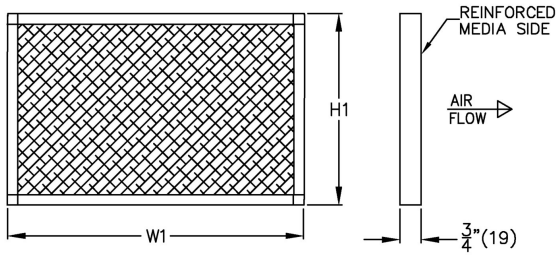
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

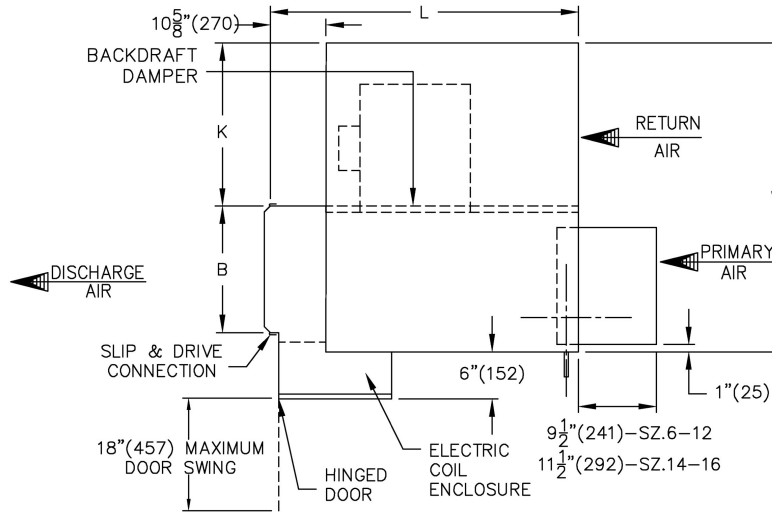
FDV5//1/8001/4012/FLD/CFM/277/868//EC/8.5/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



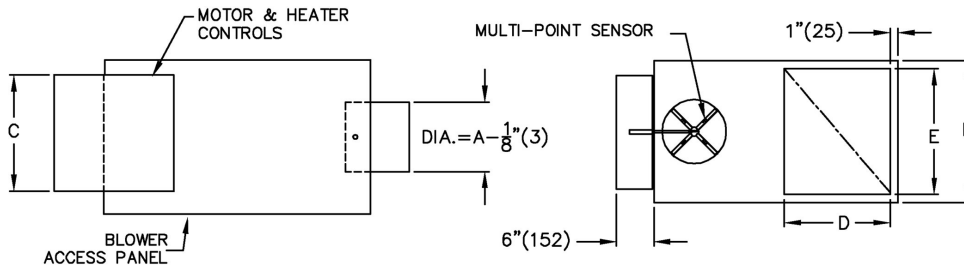
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
2008	750	8	12	15 1/2	14	12 1/2	31	17 1/2	36 1/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
2008	1/8	2.9	0.9	0.8	1.1

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/2008/FLD/CFM/277/250//EC/2.5/480-3/1/FUS//IDSW/////FF//////////

**SUBMITTAL NO:** 258514-A

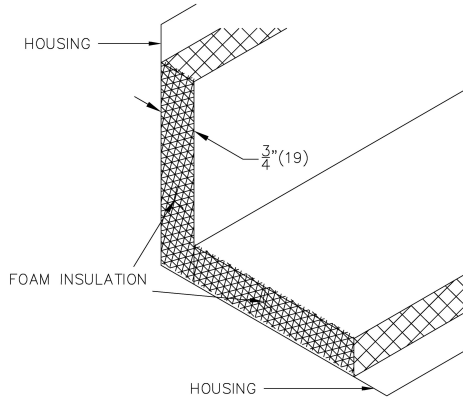
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

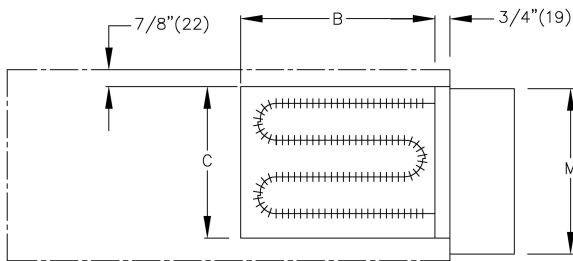
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
2008	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 1

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

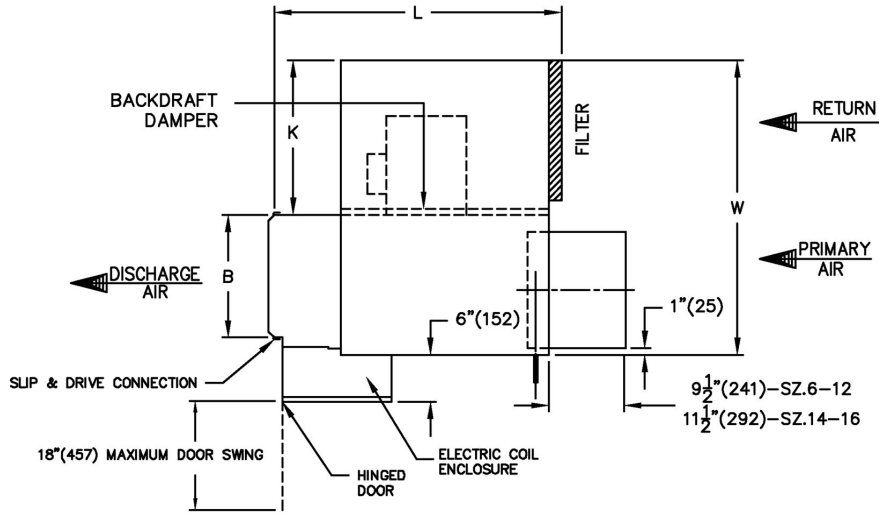
FDV5//I/8001/2008/FLD/CFM/277/250//EC/2.5/480-3/1/FUS/IDSW/////FF//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



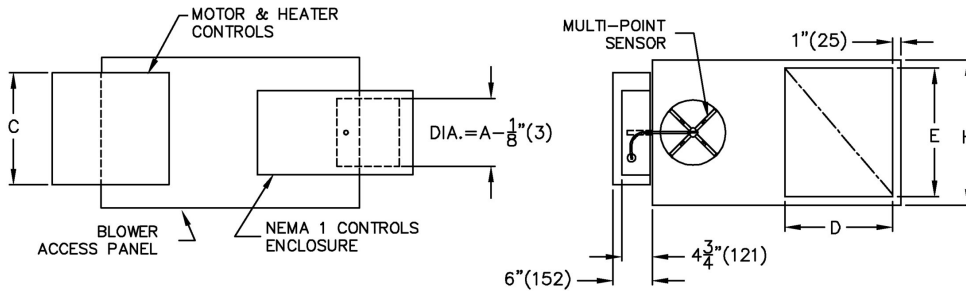
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/4012/FLD/CFM/277/885//EC/8.5/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

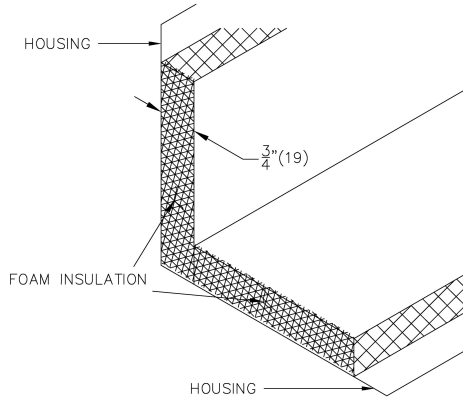
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

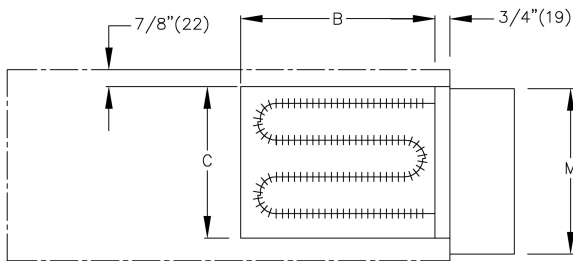
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/885//EC/8.5/480-3/2/FUS//IDSW/////FF/FTRM31/PS//

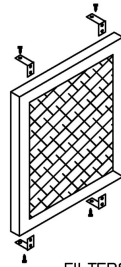
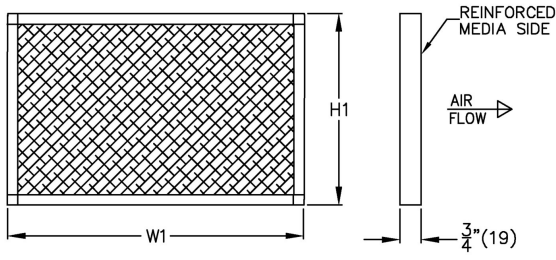
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

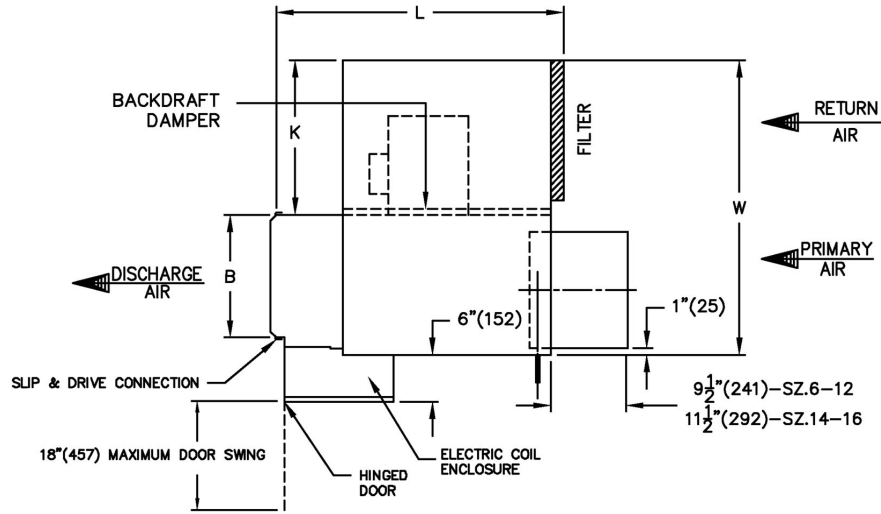
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



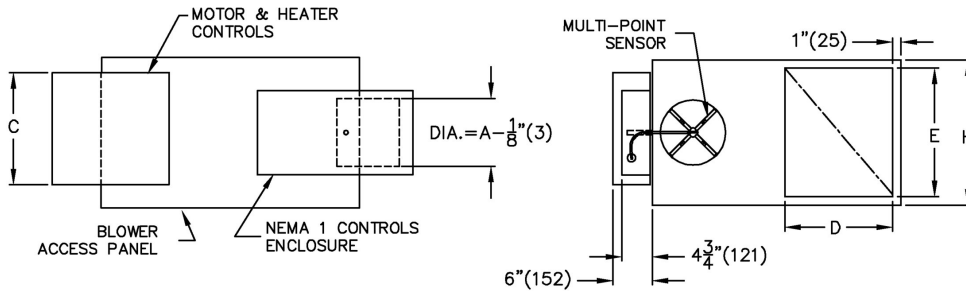
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on right hand side of unit (left hand shown)
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/812//EC/8.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS/CRH//////////

**SUBMITTAL NO:** 258514-A

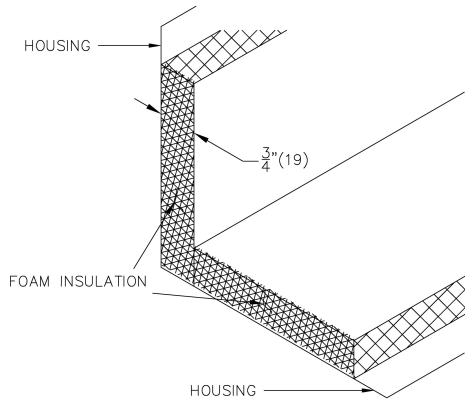
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

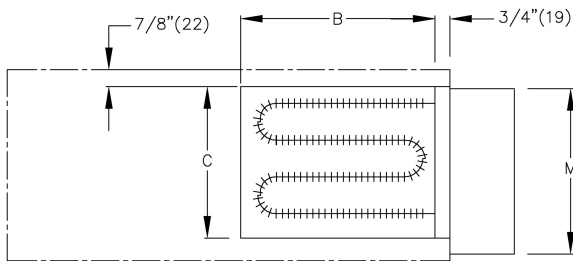
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/812//EC/8.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS/CRH//////////

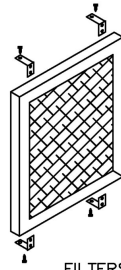
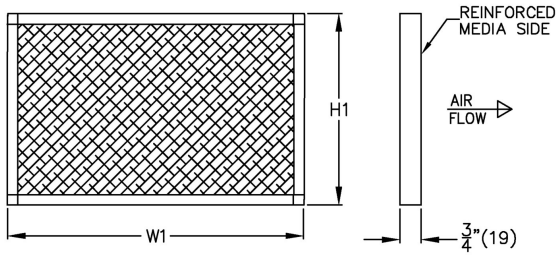
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

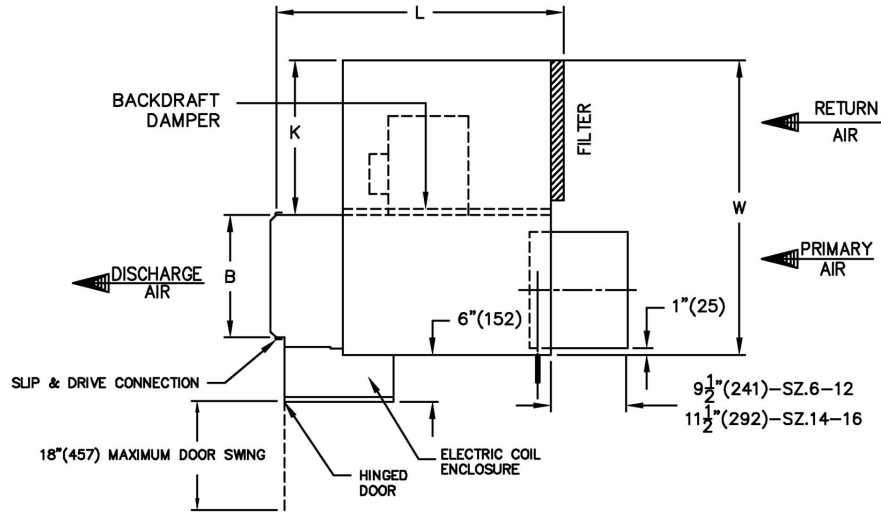
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



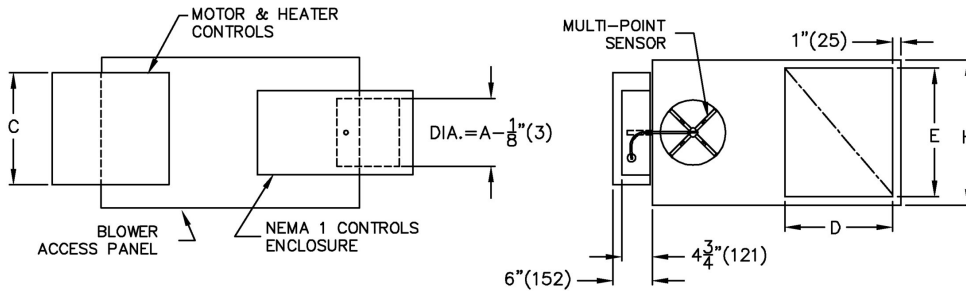
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	36 1/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/3010/FLD/CFM/277/679//EC/7.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

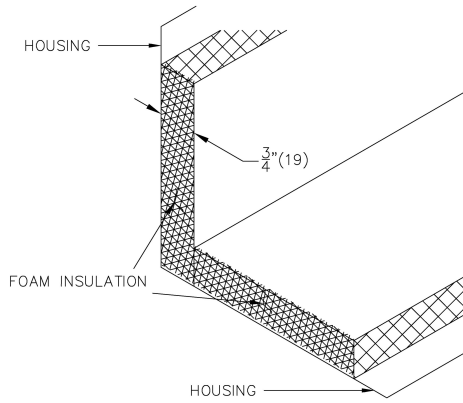
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

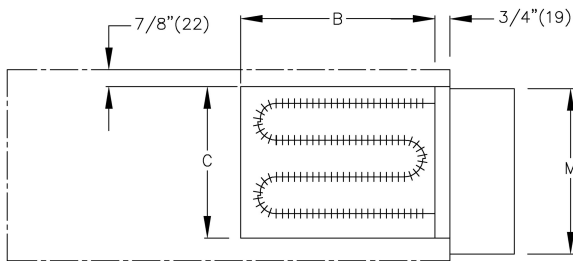
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/3010/FLD/CFM/277/679//EC/7.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

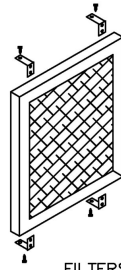
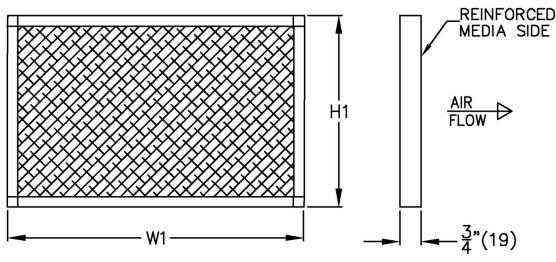
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
3010	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

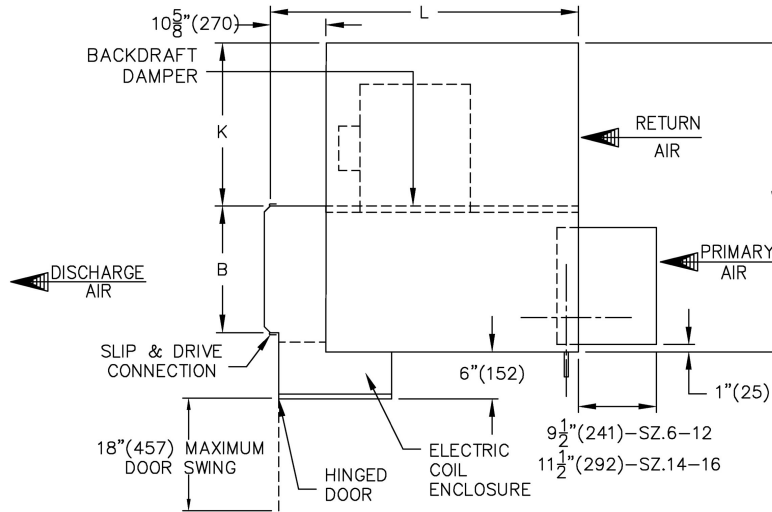
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



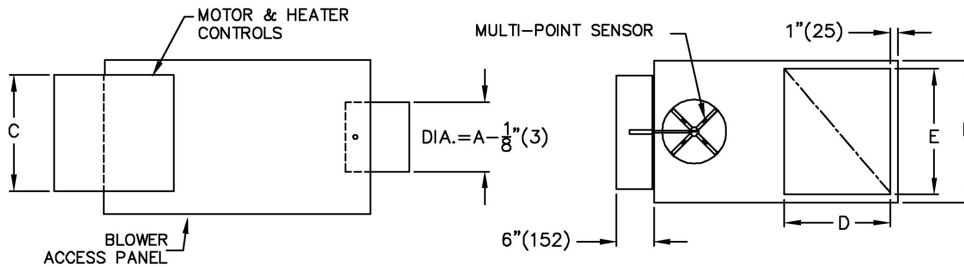
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/800//EC/7.0/480-3/2/FUS//IDSW/////FF//////////

SUBMITTAL NO: 258514-A

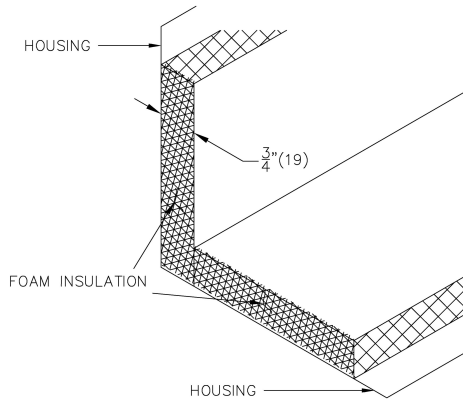
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

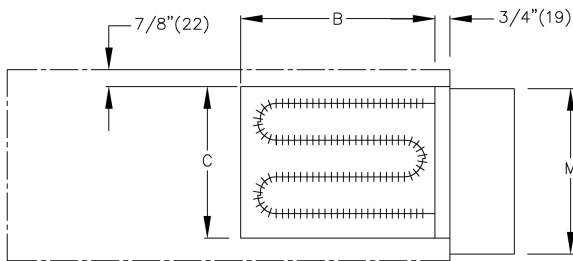
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

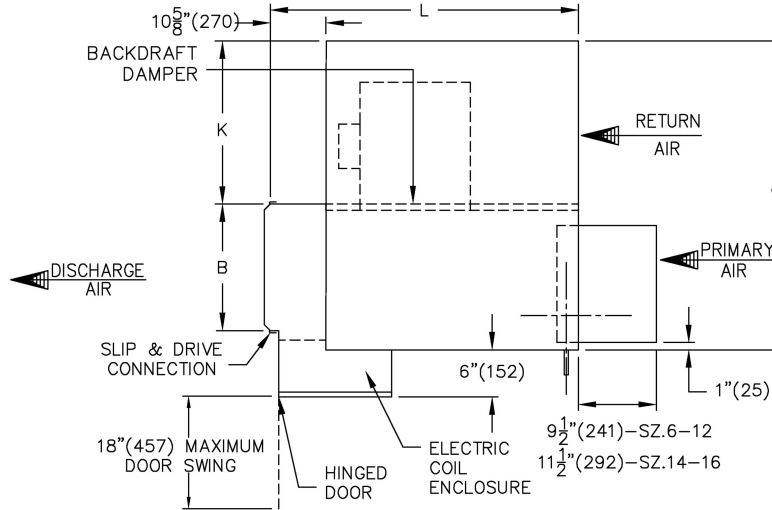
FDV5//I/8001/4012/FLD/CFM/277/800//EC/7.0/480-3/2/FUS/IDSW/////FF//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



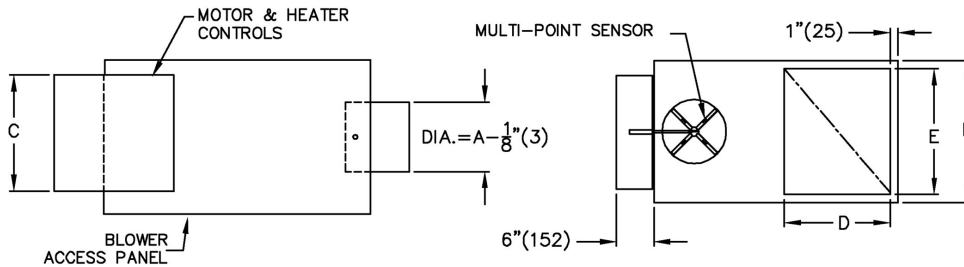
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	36 3/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on right hand side of unit (left hand shown)
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/3010/FLD/CFM/277/550//EC/5.0/480-3/2/FUS//IDSW/////FF//ICRH//////////

**SUBMITTAL NO:** 258514-A

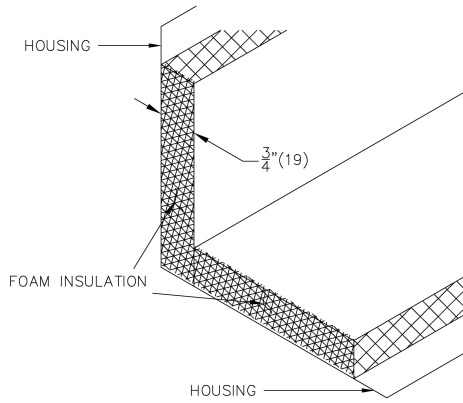
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

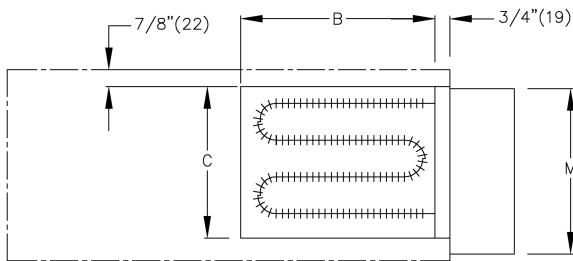
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

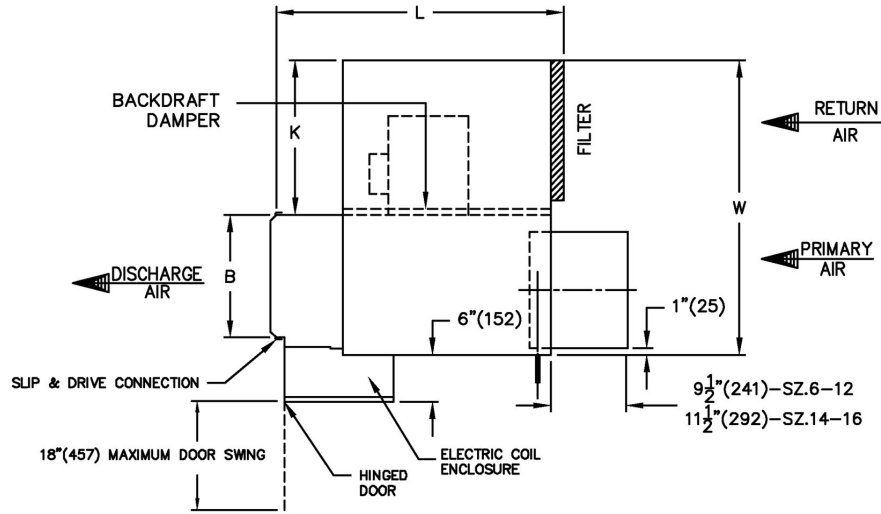
FDV5//I/8001/3010/FLD/CFM/277/550//EC/5.0/480-3/2/FUS//IDSW/////FF//CRH//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



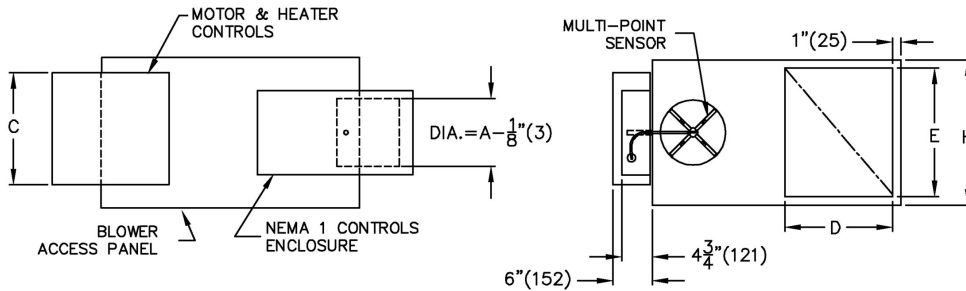
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on right hand side of unit (left hand shown)
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/959//EC/9.5/480-3/3/FUS/IDSW/////FF/FTRM31/PS/CRH//////////

SUBMITTAL NO: 258514-A

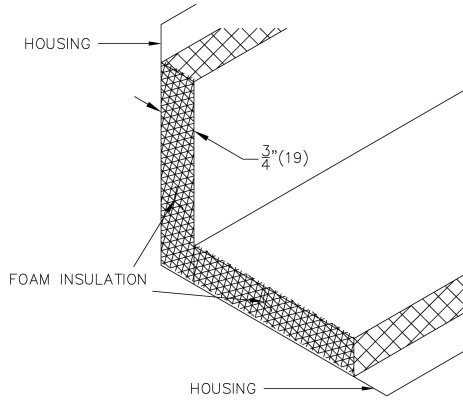
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

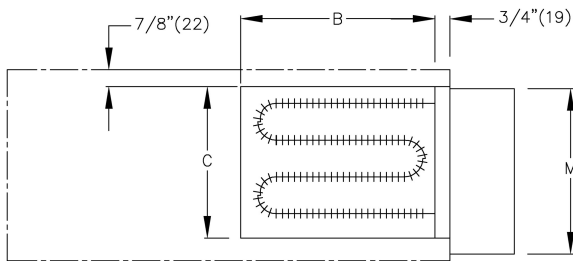
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

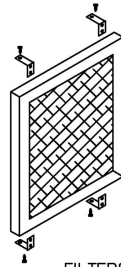
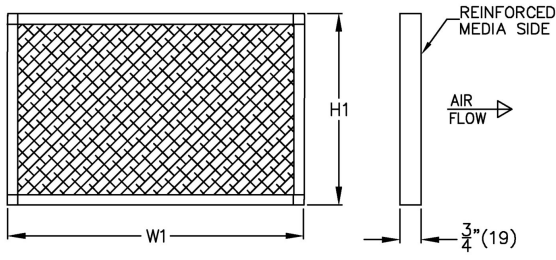
Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 3

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

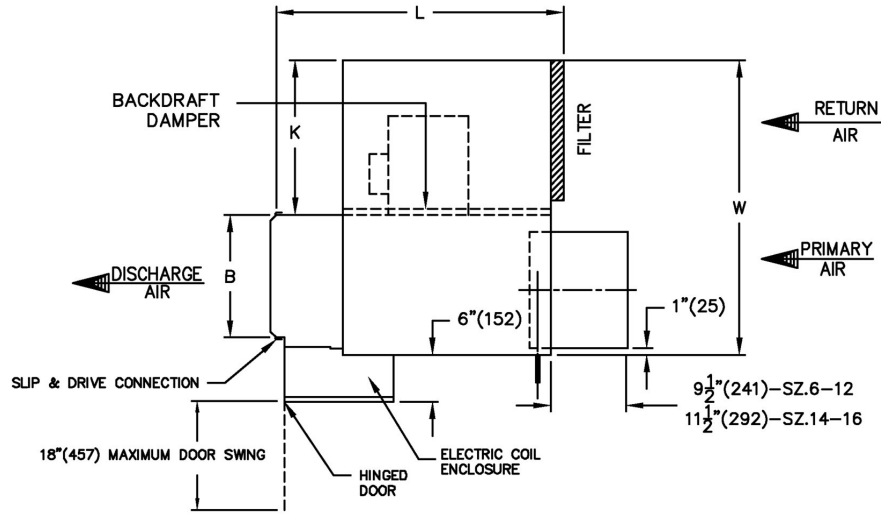
FDV5//1/8001/4012/FLD/CFM/277/959//EC/9.5/480-3/3/FUS/IDSW/////FF/FTRM31/PS/CRH//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



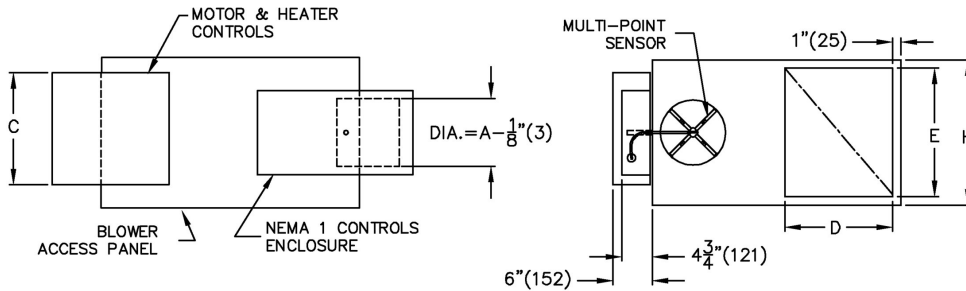
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/4012/FLD/CFM/277/896//EC/9.0/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

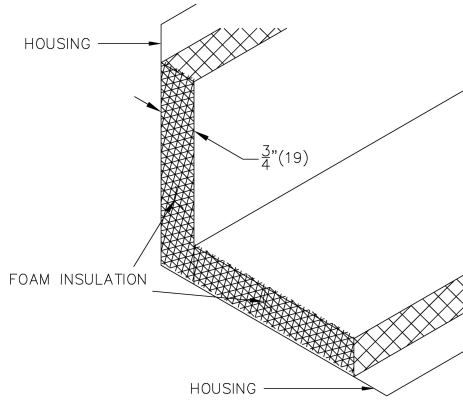
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

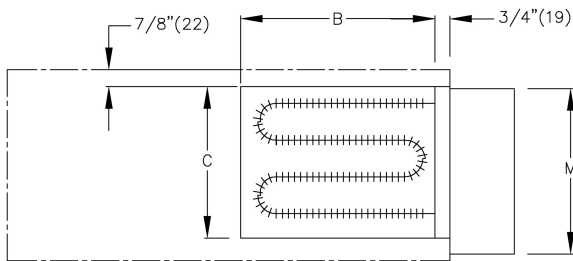
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 3

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/896//EC/9.0/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

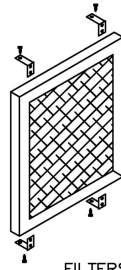
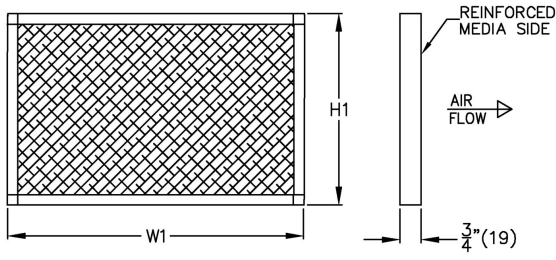
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

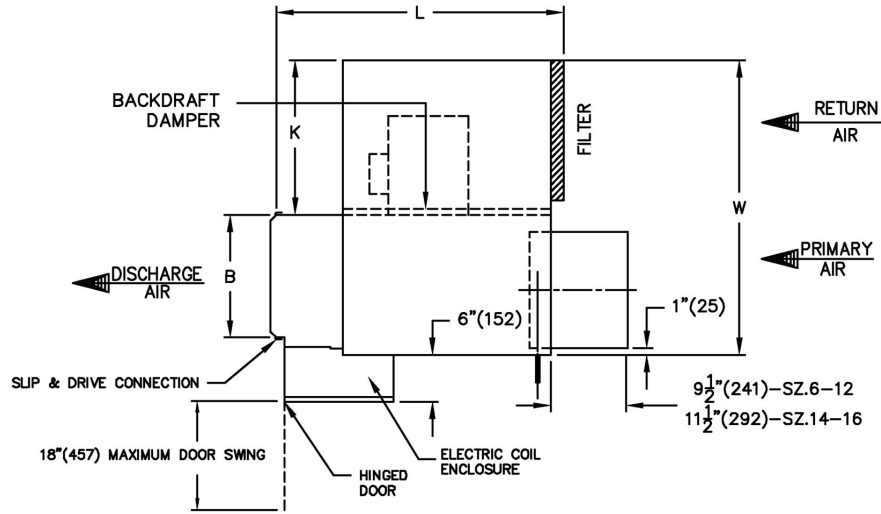
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



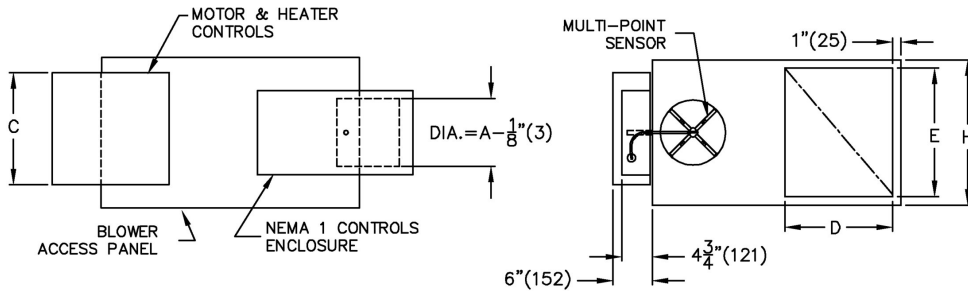
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/4012/FLD/CFM/277/800//EC/7.5/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

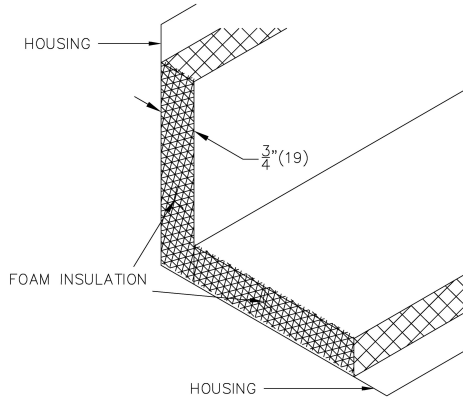
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

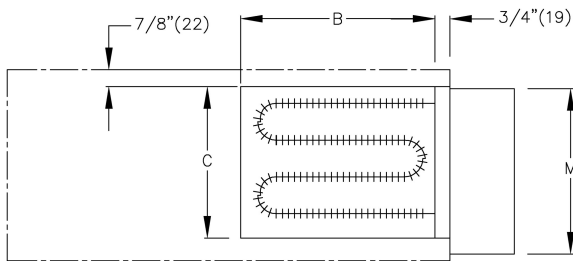
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/800//EC/7.5/480-3/2/FUS//IDSW/////FF/FTRM31/PS//

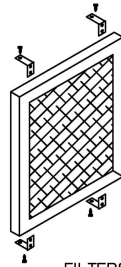
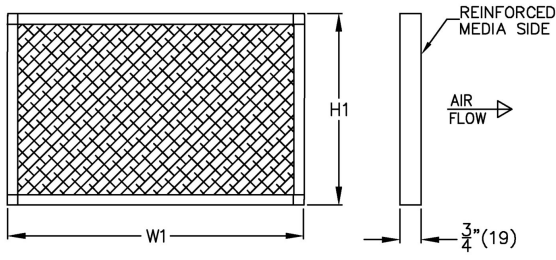
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

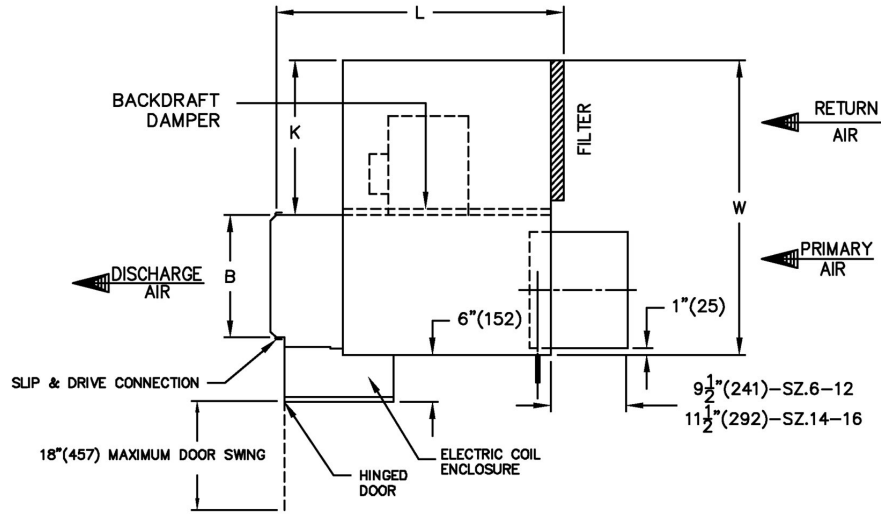
FDV5//1/8001/4012/FLD/CFM/277/800//EC/7.5/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



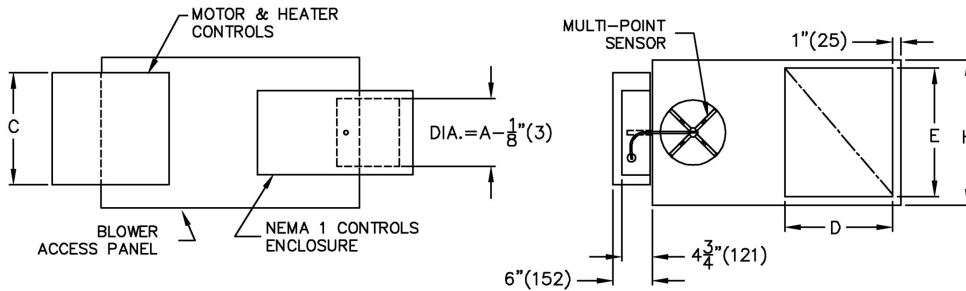
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Intertek



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/4012/FLD/CFM/277/945//EC/9.5/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

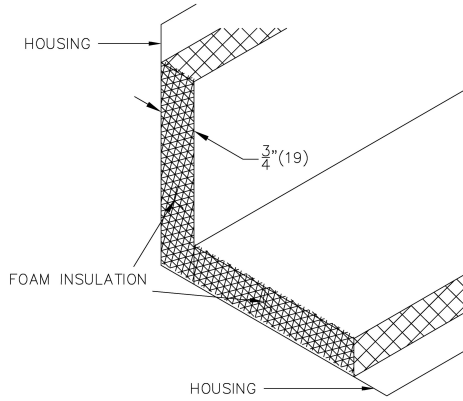
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

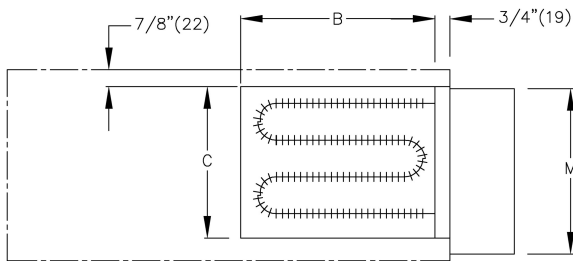
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 3

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/945//EC/9.5/480-3/3/FUS//IDSW/////FF/FTRM31/PS//

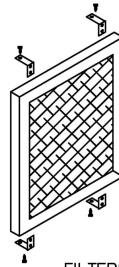
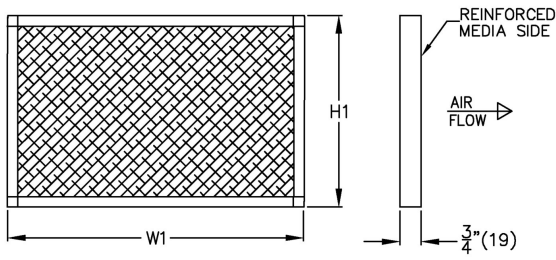
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

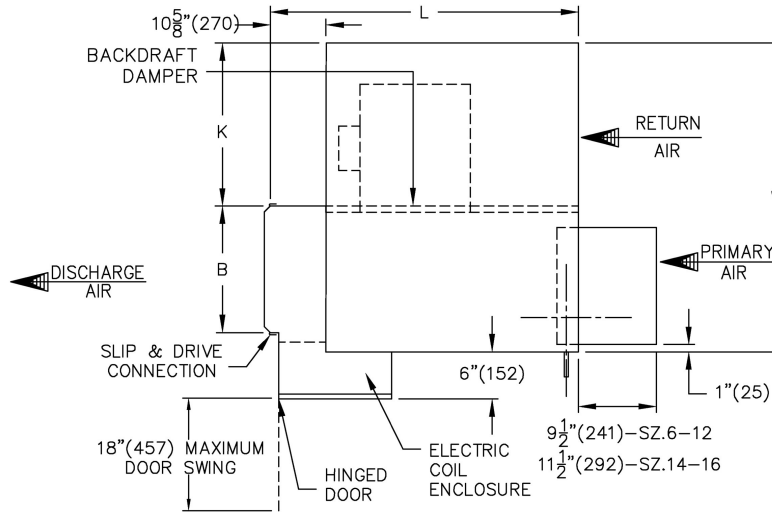
FDV5//1/8001/4012/FLD/CFM/277/945//EC/9.5/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

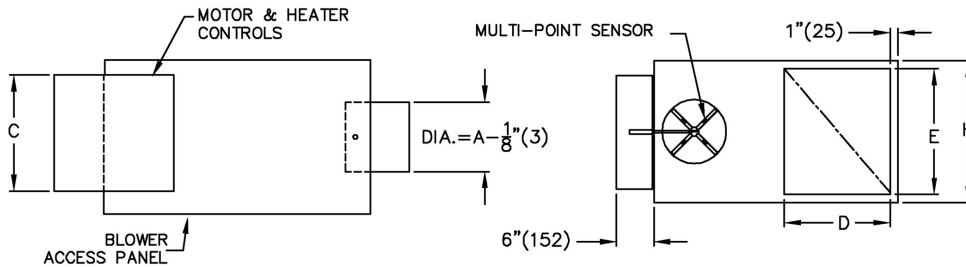
**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



Dimensions - IMPERIAL UNITS (inches)											
Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	36 1/8	16 1/4	22

Standard Motor					
Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on right hand side of unit (left hand shown)
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/3010/FLD/CFM/277/550//EC/4.5/480-3/1/FUS//IDSW/////FF//ICRH//////////

**SUBMITTAL NO:** 258514-A

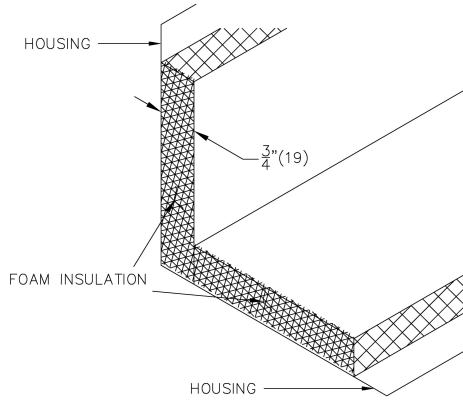
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

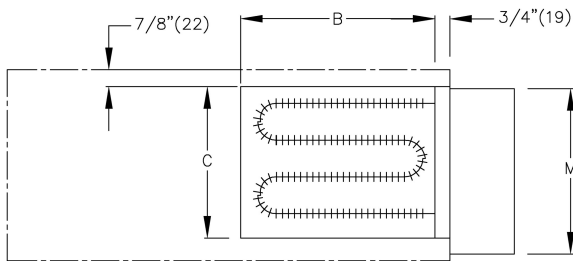
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

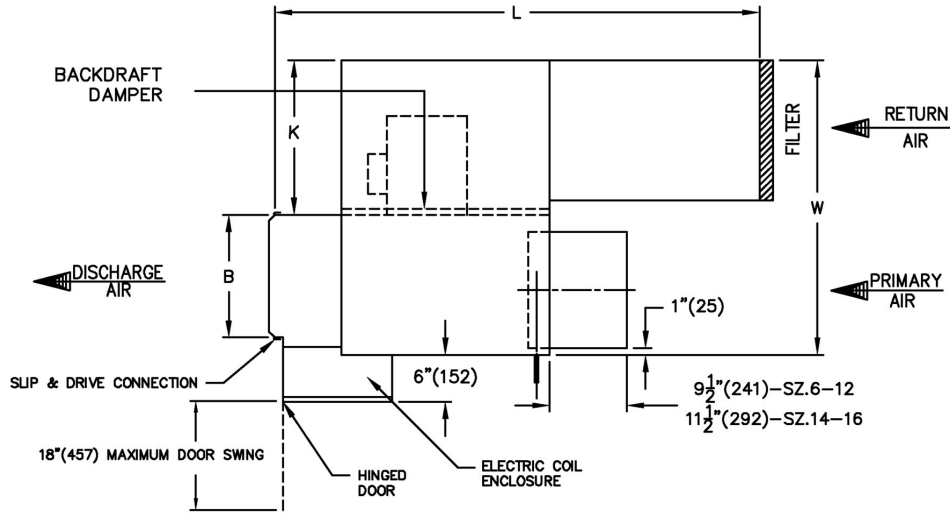
**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 1

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



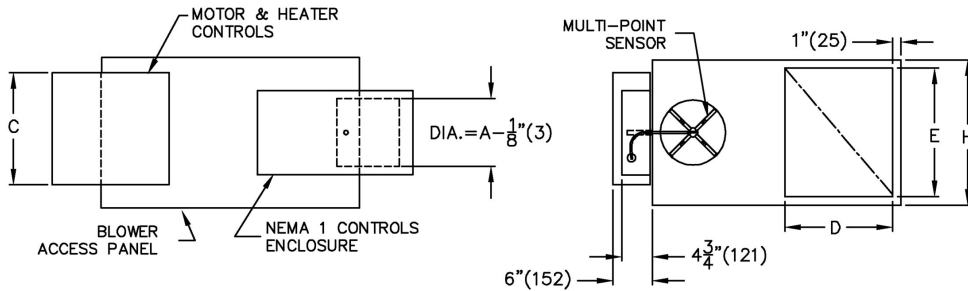
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
2008	750	8	12	15 1/2	14	12 1/2	31	17 1/2	71	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
2008	1/8	2.9	0.9	0.8	1.1

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/2008/FLD/CFM/277/294//EC/3.0/480-3/1/FUS/IDSW/////FF/FTRM31/PS/IAS//////////

**SUBMITTAL NO:** 258514-A

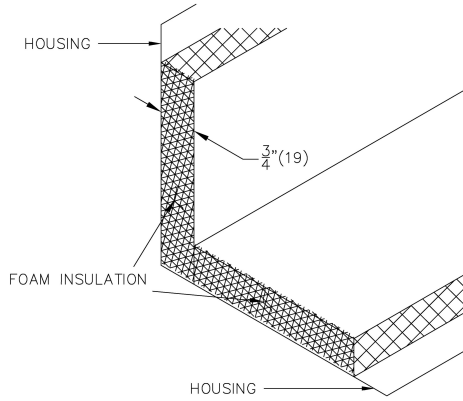
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

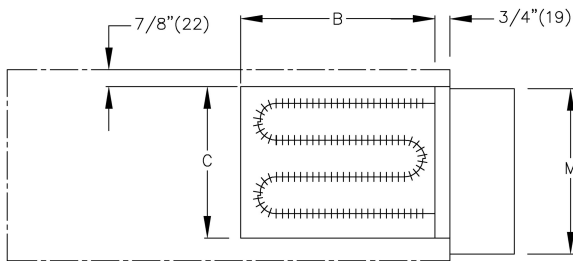
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
2008	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 1

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/2008/FLD/CFM/277/294//EC/3.0/480-3/1/FUS/IDSW/////FF/FTRM31/PS/IAS//////////

**SUBMITTAL NO:** 258514-A

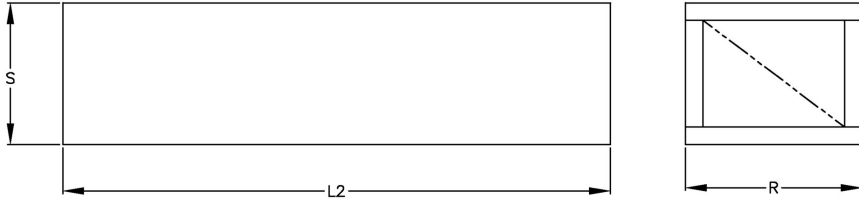
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Attenuators**

**IAS**

3 Ft. Inlet Attenuator



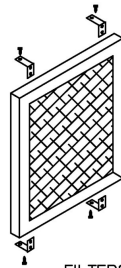
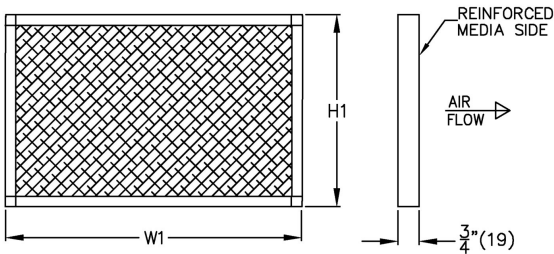
Unit Size	IMPERIAL UNITS (inches)		
	R	S	L2
2008	15	17 ½	34 7/8

- Inlet Attenuators to be field mounted on return air opening, shipped loose, slip and drive cleats or mounting angles provided where required
- 22 Ga. galvanized steel housing, mechanically sealed leak resistant construction
- Inlet Attenuator insulation type and thickness to match terminal unit liner

**Filter**

**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
2008	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

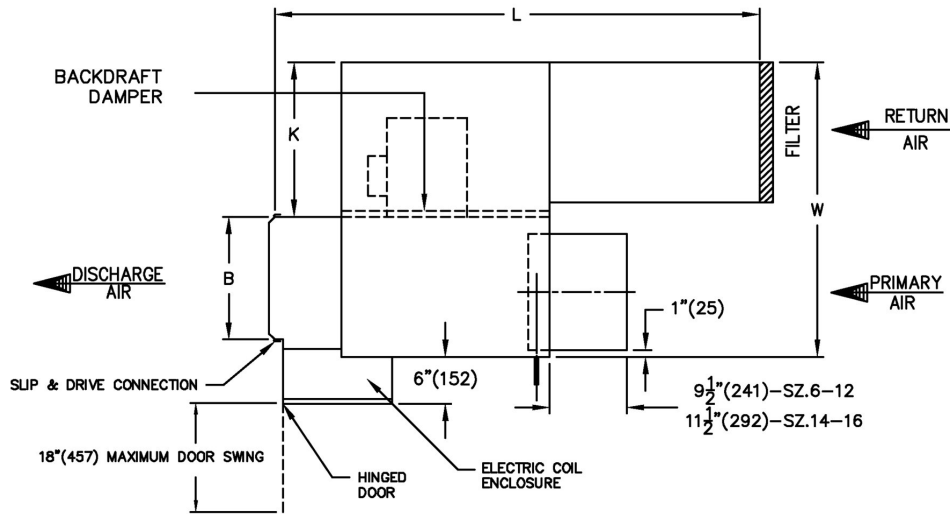
FDV5//1/8001/2008/FLD/CFM/277/294//EC/3.0/480-3/1/FUS/IDSW/////FF/FTRM31/PS/IAS//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



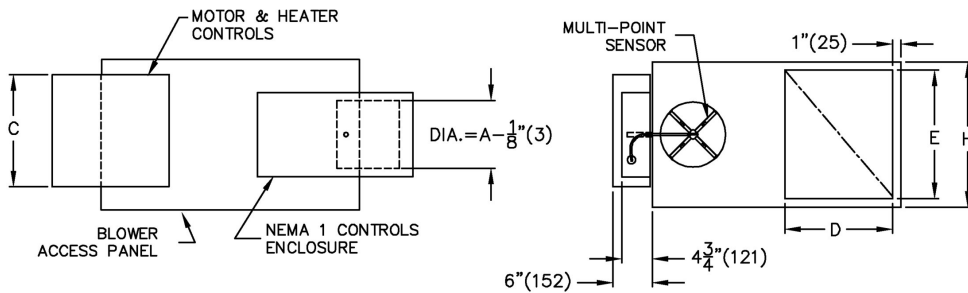
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
2008	750	8	12	15 1/2	14	12 1/2	31	17 1/2	71	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
2008	1/8	2.9	0.9	0.8	1.1

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/2008/FLD/CFM/277/371//EC/4.0/480-3/1/FUS/IDSW/////FF/FTRM31/PS/IAS//////////

**SUBMITTAL NO:** 258514-A

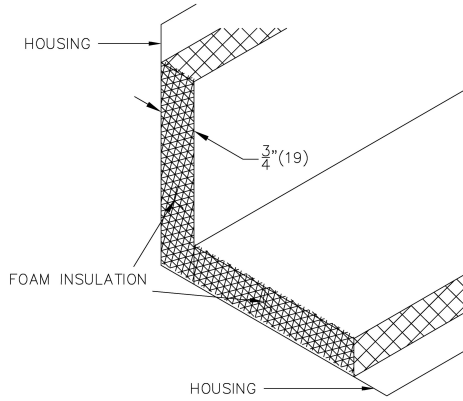
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

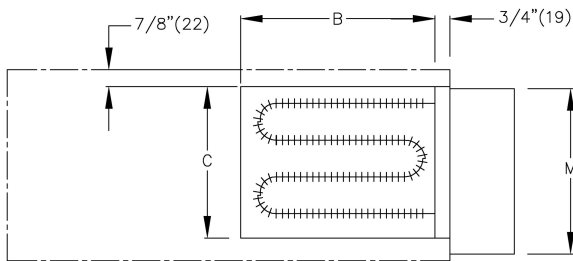
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
2008	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 1

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/2008/FLD/CFM/277/371//EC/4.0/480-3/1/FUS/IDSW/////FF/FTRM31/PS/IAS//////////

**SUBMITTAL NO:** 258514-A

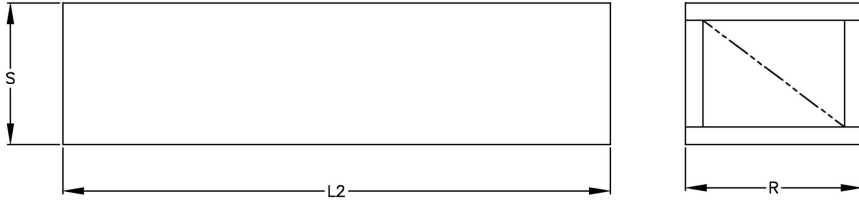
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Attenuators**

**IAS**

3 Ft. Inlet Attenuator



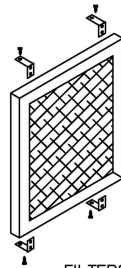
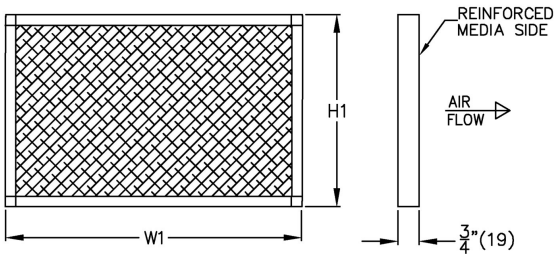
Unit Size	IMPERIAL UNITS (inches)		
	R	S	L2
2008	15	17 1/2	34 7/8

- Inlet Attenuators to be field mounted on return air opening, shipped loose, slip and drive cleats or mounting angles provided where required
- 22 Ga. galvanized steel housing, mechanically sealed leak resistant construction
- Inlet Attenuator insulation type and thickness to match terminal unit liner

**Filter**

**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
2008	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

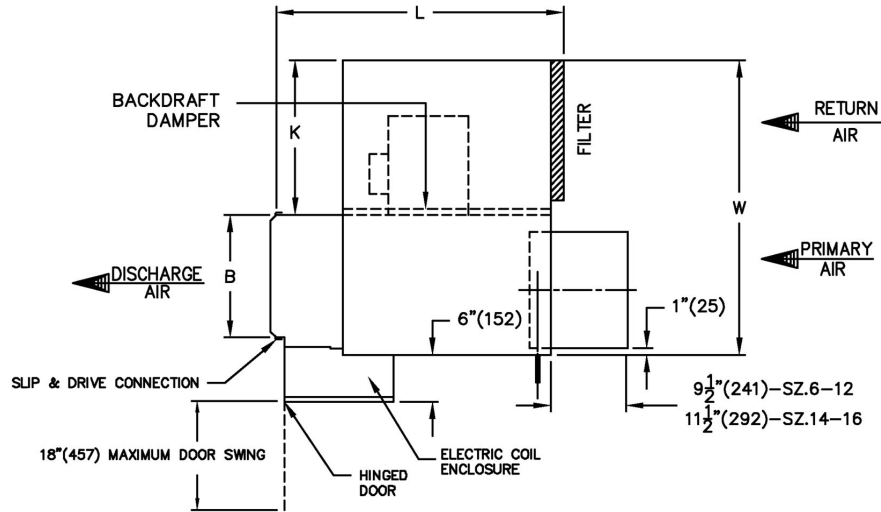
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



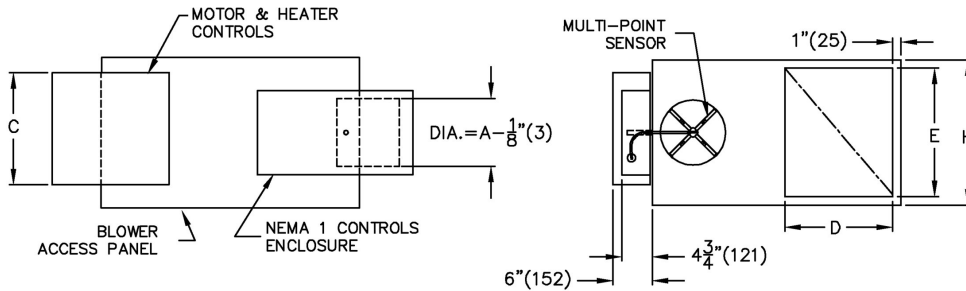
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	36 5/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on right hand side of unit (left hand shown)
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/3010/FLD/CFM/277/550//EC/4.5/480-3/1/FUS/IDSW/////FF/FTRM31/PS/CRH//////////

SUBMITTAL NO: 258514-A

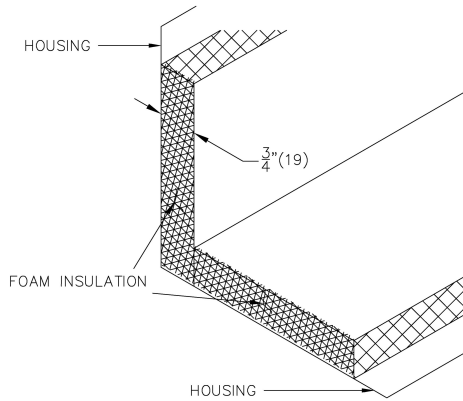
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

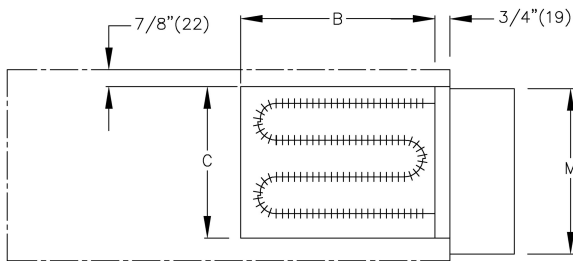
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

**Electrical Configuration**

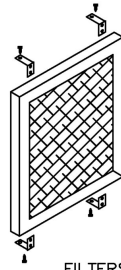
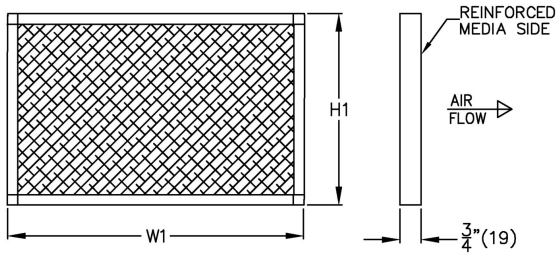
Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 1

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
3010	14 $\frac{7}{8}$	17 $\frac{3}{8}$

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

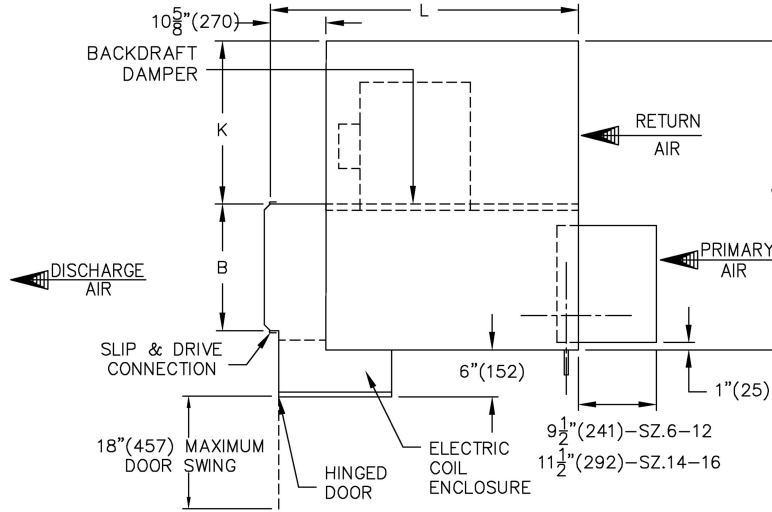
FDV5//1/8001/3010/FLD/CFM/277/550//EC/4.5/480-3/1/FUS/IDSW/////FF/FTRM31/PS/CRH//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



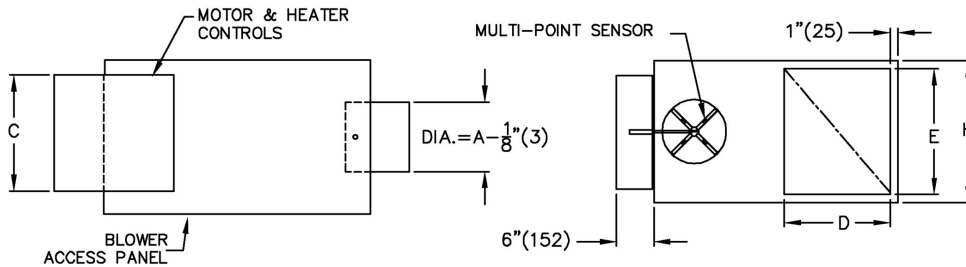
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
5014	2400	14	21	18	20	17 1/2	42 1/4	20	45 5/8	21 1/2	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
5014	3/4	12.3	5.4	5.2	4.4

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on right hand side of unit (left hand shown)
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//I/8001/5014/FLD/CFM/277/1500//EC/11.5/480-3/3/FUS/IDSW/////FF/////CRH//////////

SUBMITTAL NO: 258514-A

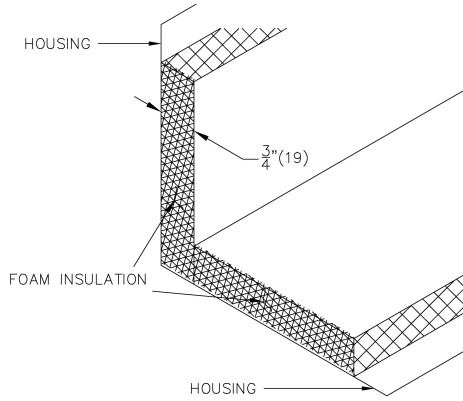
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

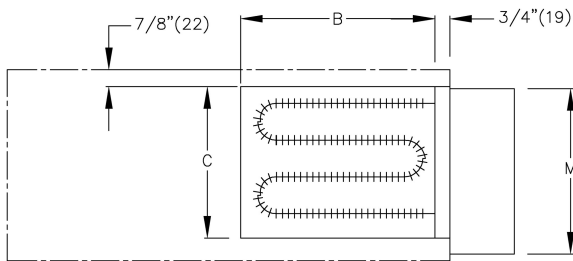
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
5014	20 x 17 1/2	17

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 3

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

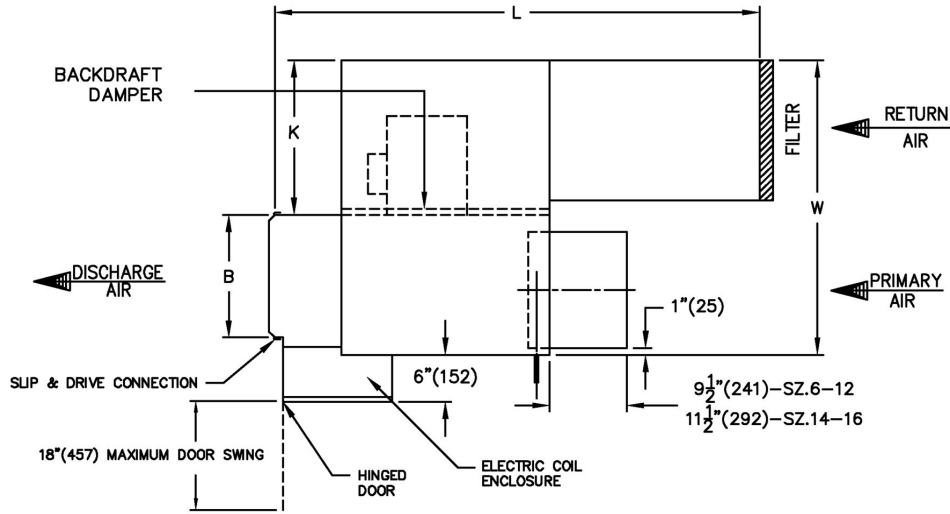
FDV5//I/8001/5014/FLD/CFM/277/1500//EC/11.5/480-3/3/FUS/IDSW/////FF/////CRH//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



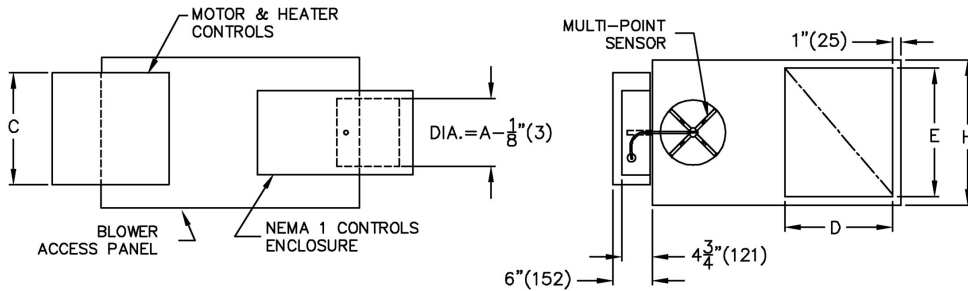
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
2008	750	8	12	15 1/2	14	12 1/2	31	17 1/2	71	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
2008	1/8	2.9	0.9	0.8	1.1

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Intertek



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/2008/FLD/CFM/277/322//EC/3.5/480-3/1/FUS/IDSW/////FF/FTRM31/PS/IAS//////////

SUBMITTAL NO: 258514-A

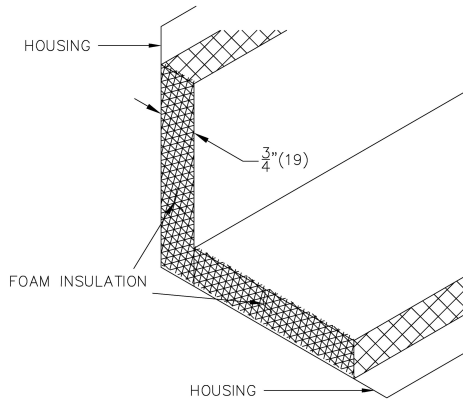
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

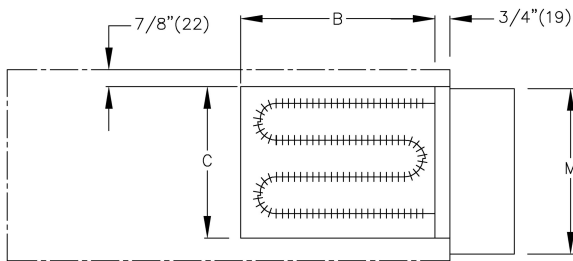
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
2008	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 1

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/2008/FLD/CFM/277/322//EC/3.5/480-3/1/FUS/IDSW/////FF/FTRM31/PS/IAS//////////

**SUBMITTAL NO:** 258514-A

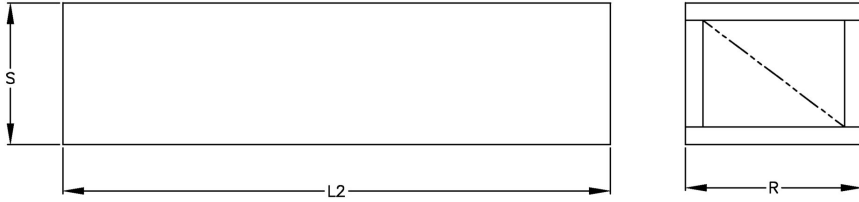
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Attenuators**

**IAS**

3 Ft. Inlet Attenuator



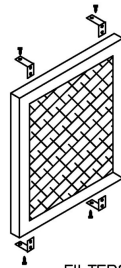
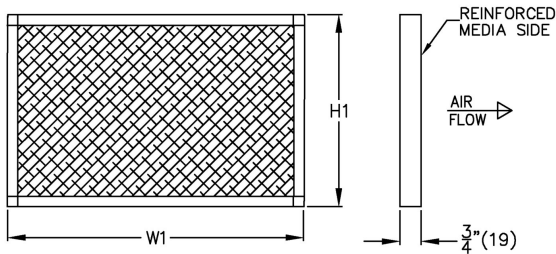
Unit Size	IMPERIAL UNITS (inches)		
	R	S	L2
2008	15	17 ½	34 7/8

- Inlet Attenuators to be field mounted on return air opening, shipped loose, slip and drive cleats or mounting angles provided where required
- 22 Ga. galvanized steel housing, mechanically sealed leak resistant construction
- Inlet Attenuator insulation type and thickness to match terminal unit liner

**Filter**

**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
2008	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

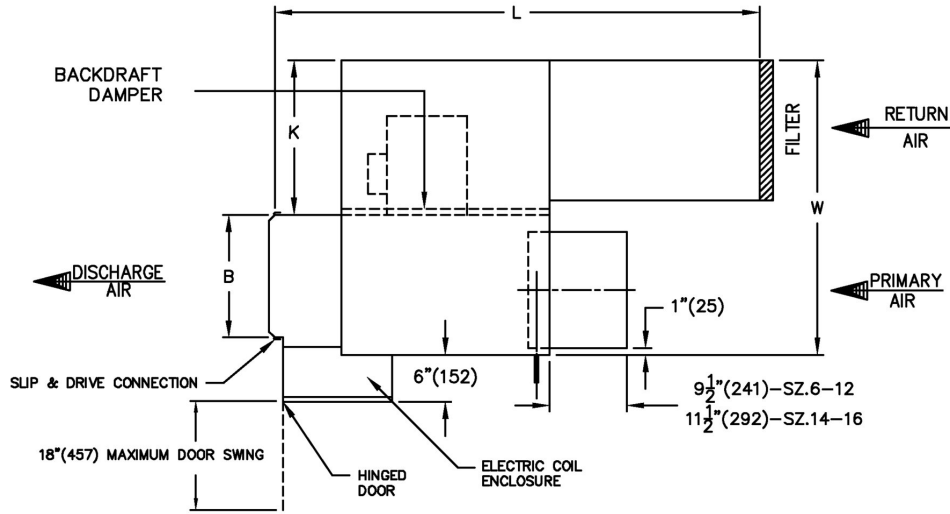
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

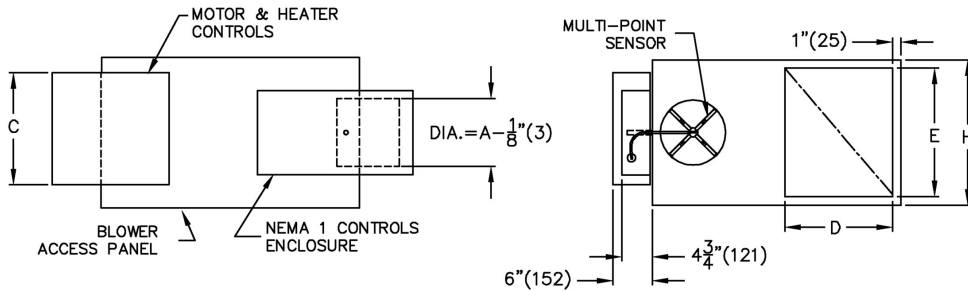
**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



Dimensions - IMPERIAL UNITS (inches)											
Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
2008	750	8	12	15 1/2	14	12 1/2	31	17 1/2	71	16 1/4	22

Standard Motor					
Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
2008	1/8	2.9	0.9	0.8	1.1

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed  
**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/2008/FLD/CFM/277/308//EC/3.0/480-3/1/FUS/IDSW/////FF/FTRM31/PS/IAS//////////

**SUBMITTAL NO:** 258514-A

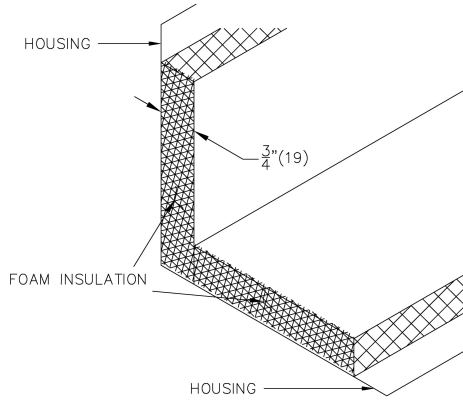
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

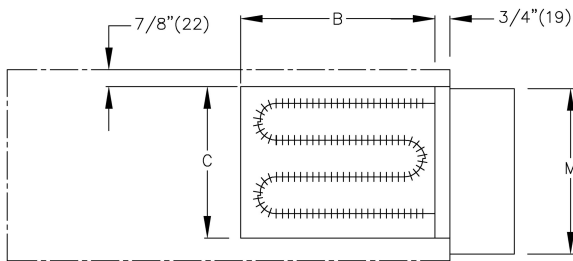
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
2008	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 1

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/2008/FLD/CFM/277/308//EC/3.0/480-3/1/FUS/IDSW/////FF/FTRM31/PS/IAS//////////

**SUBMITTAL NO:** 258514-A

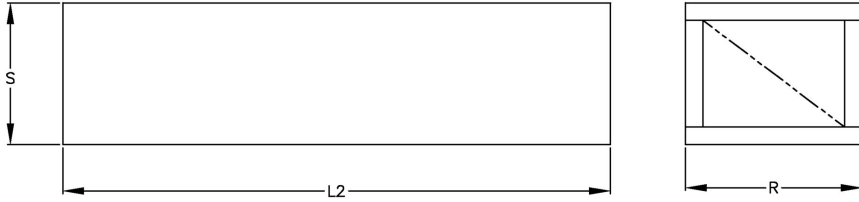
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Attenuators**

**IAS**

3 Ft. Inlet Attenuator



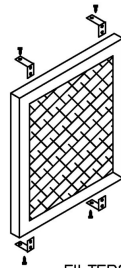
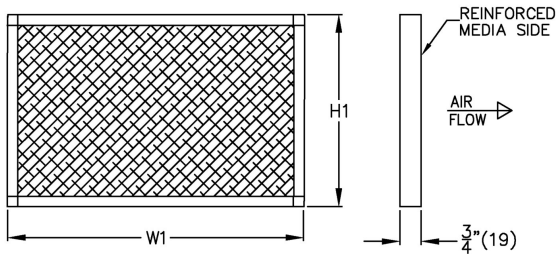
Unit Size	IMPERIAL UNITS (inches)		
	R	S	L2
2008	15	17 1/2	34 7/8

- Inlet Attenuators to be field mounted on return air opening, shipped loose, slip and drive cleats or mounting angles provided where required
- 22 Ga. galvanized steel housing, mechanically sealed leak resistant construction
- Inlet Attenuator insulation type and thickness to match terminal unit liner

**Filter**

**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
2008	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

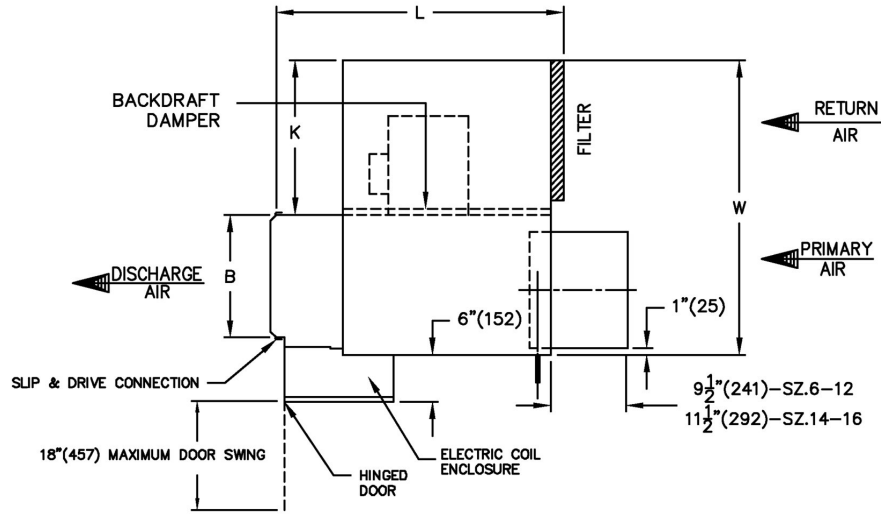
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



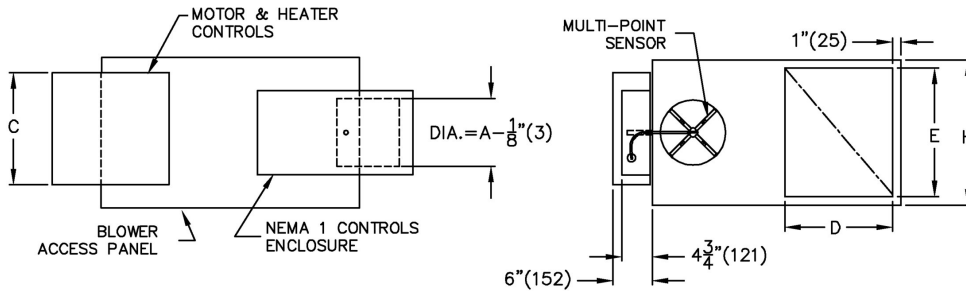
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Intertek



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/4012/FLD/CFM/277/800//EC/7.5/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

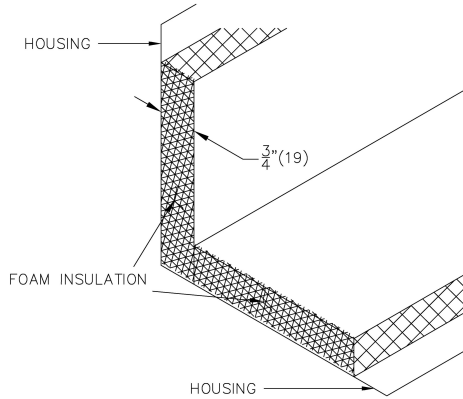
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

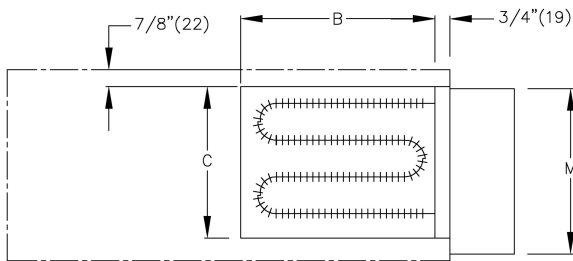
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/800//EC/7.5/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

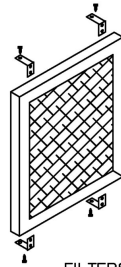
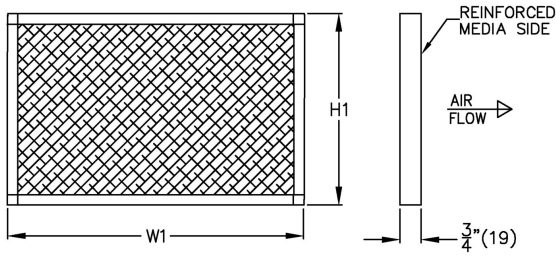
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

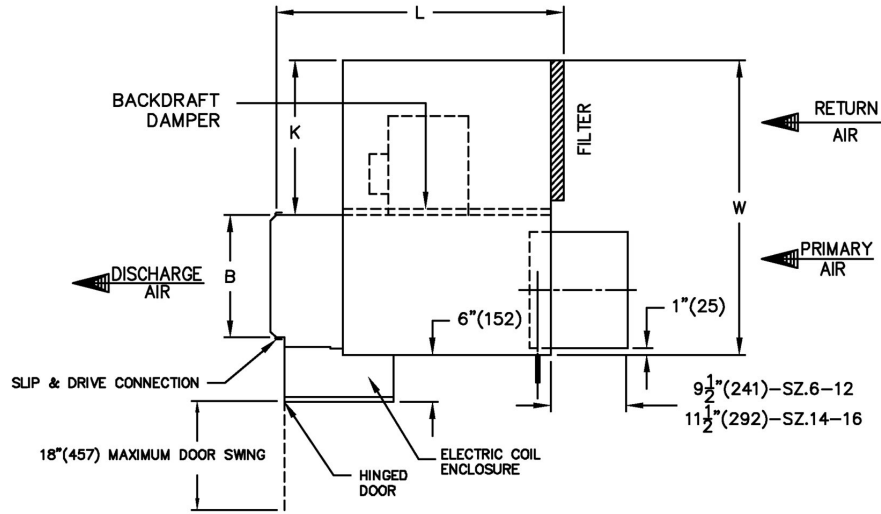
FDV5//1/8001/4012/FLD/CFM/277/800//EC/7.5/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



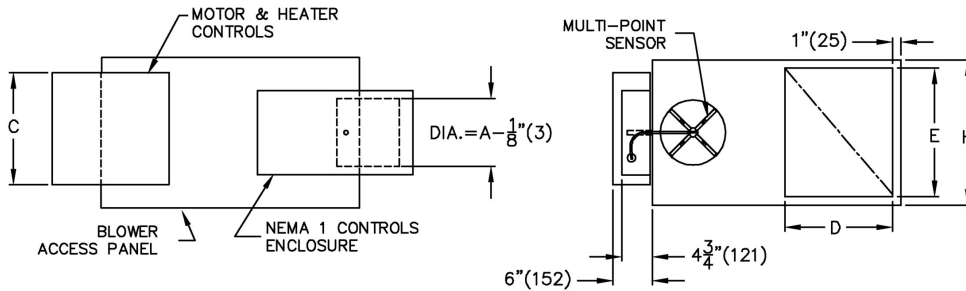
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
2008	750	8	12	15 1/2	14	12 1/2	31	17 1/2	36 1/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
2008	1/8	2.9	0.9	0.8	1.1

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/2008/FLD/CFM/277/406//EC/4.0/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

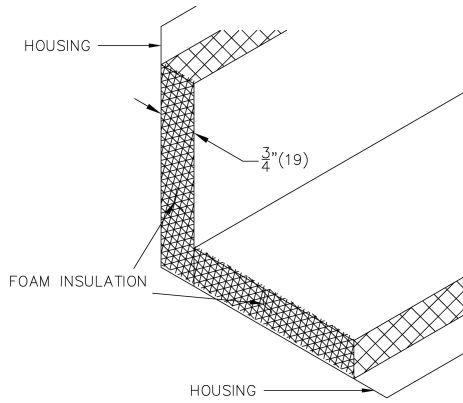
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

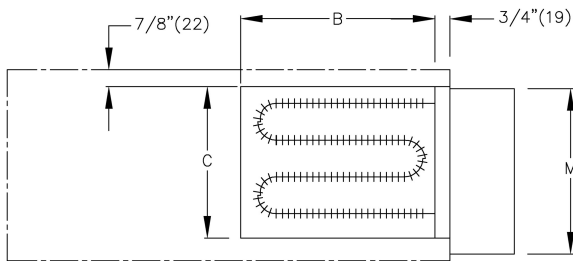
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
2008	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 3

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/2008/FLD/CFM/277/406//EC/4.0/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

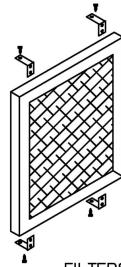
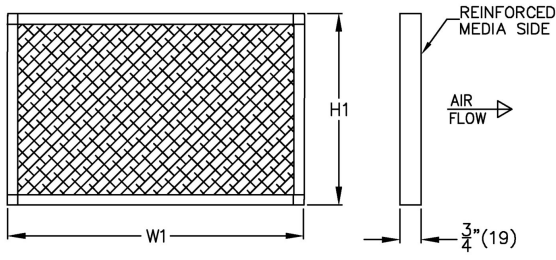
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
2008	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

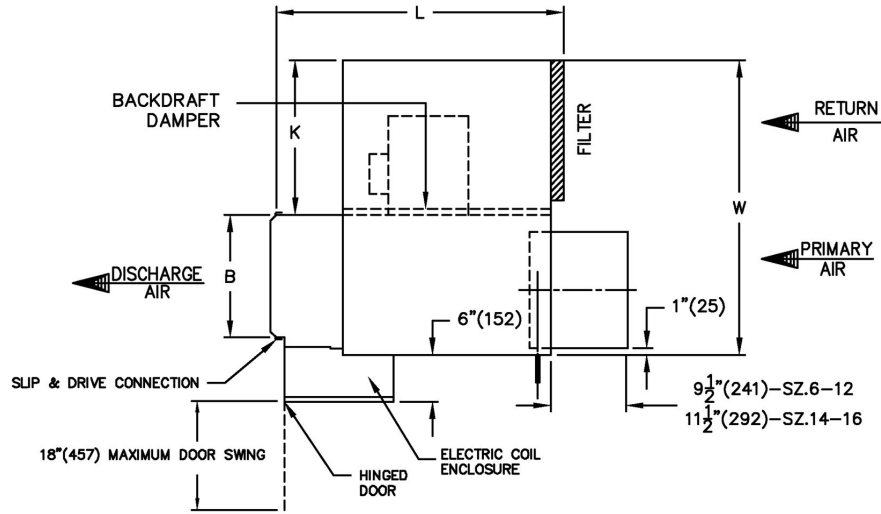
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



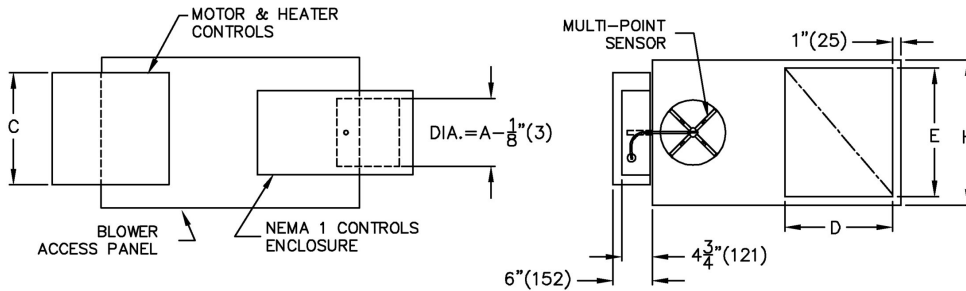
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/4012/FLD/CFM/277/994//EC/10.0/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

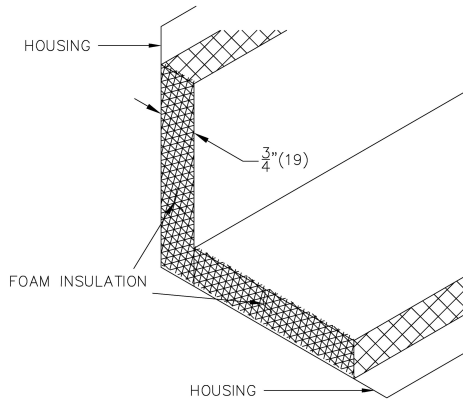
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

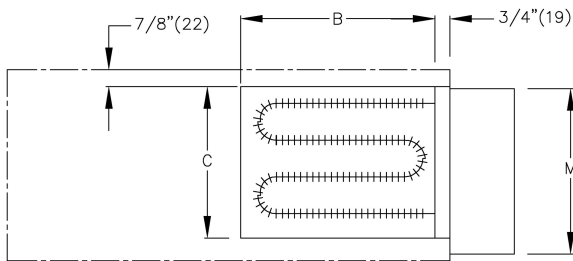
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 3

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/994//EC/10.0/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

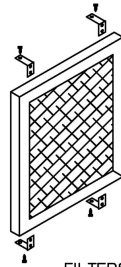
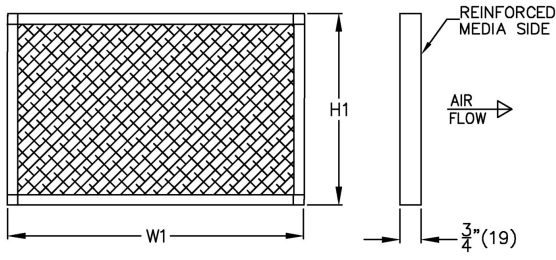
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

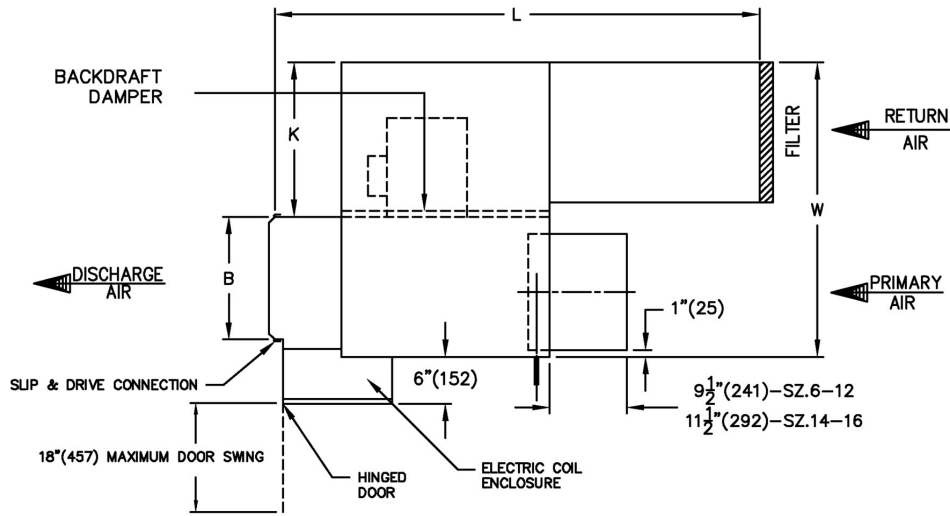
FDV5//I/8001/4012/FLD/CFM/277/994//EC/10.0/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



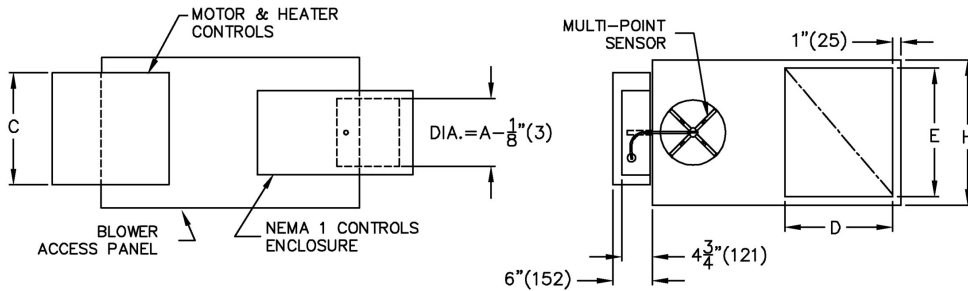
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	71	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/3010/FLD/CFM/277/588//EC/6.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS/IAS//////////

**SUBMITTAL NO:** 258514-A

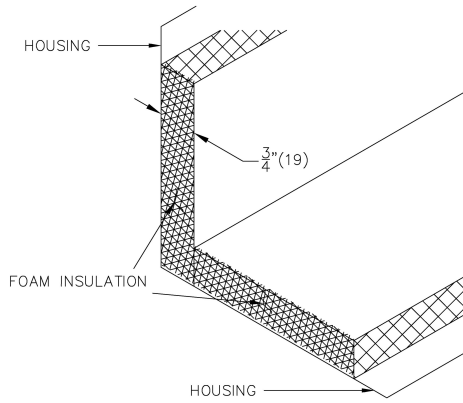
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

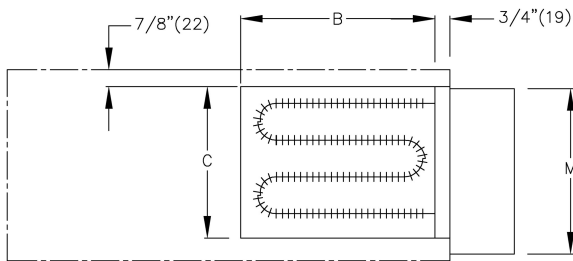
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/3010/FLD/CFM/277/588//EC/6.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS/IAS//////////

**SUBMITTAL NO:** 258514-A

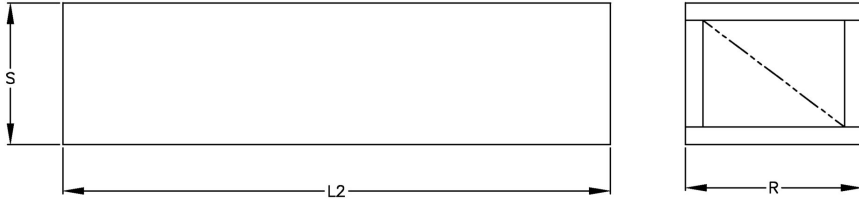
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Attenuators**

**IAS**

3 Ft. Inlet Attenuator



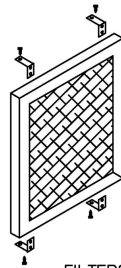
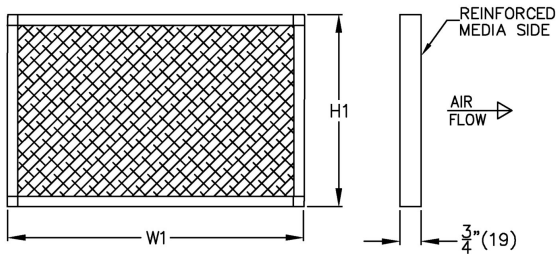
Unit Size	IMPERIAL UNITS (inches)		
	R	S	L2
3010	15	17 1/2	34 7/8

- Inlet Attenuators to be field mounted on return air opening, shipped loose, slip and drive cleats or mounting angles provided where required
- 22 Ga. galvanized steel housing, mechanically sealed leak resistant construction
- Inlet Attenuator insulation type and thickness to match terminal unit liner

**Filter**

**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
3010	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

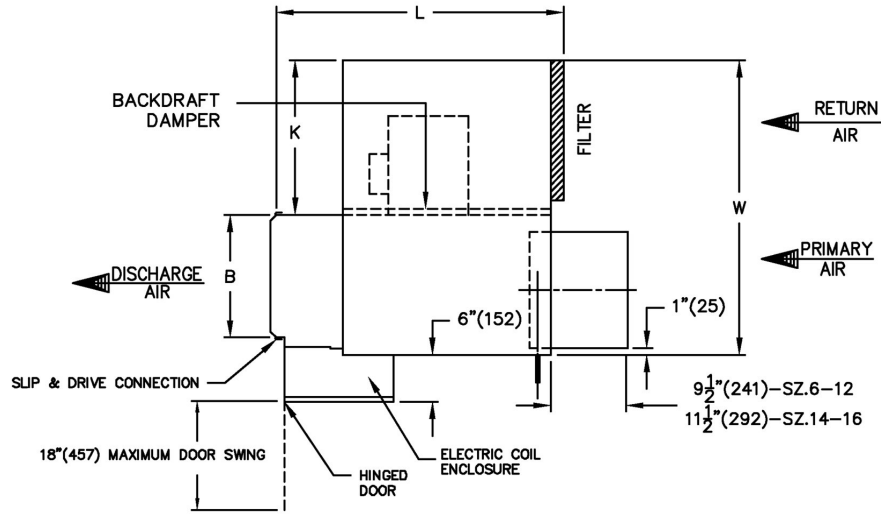
FDV5//I/8001/3010/FLD/CFM/277/588//EC/6.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS/IAS//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



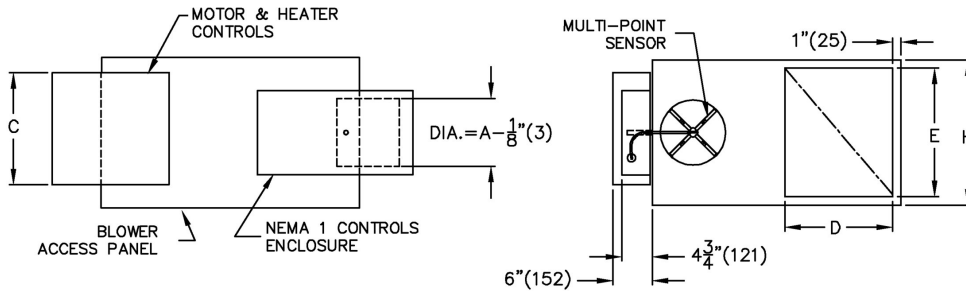
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/4012/FLD/CFM/277/868//EC/8.5/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

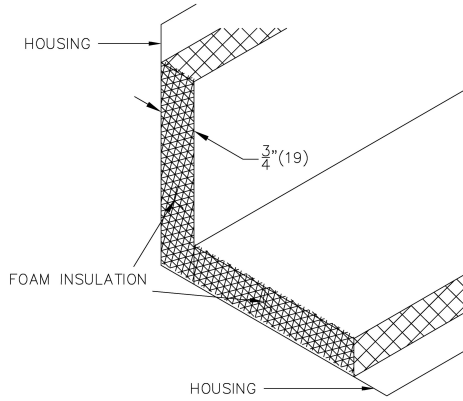
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

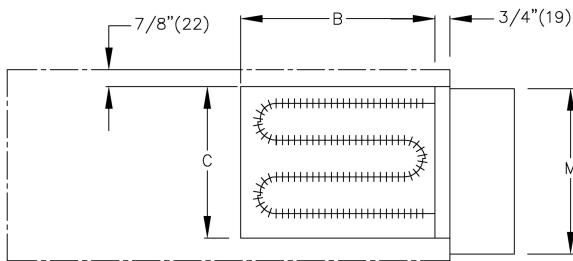
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/868//EC/8.5/480-3/2/FUS//IDSW/////FF/FTRM31/PS//

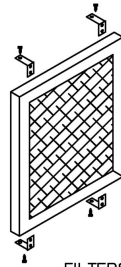
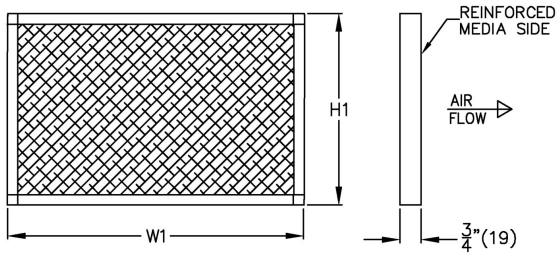
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

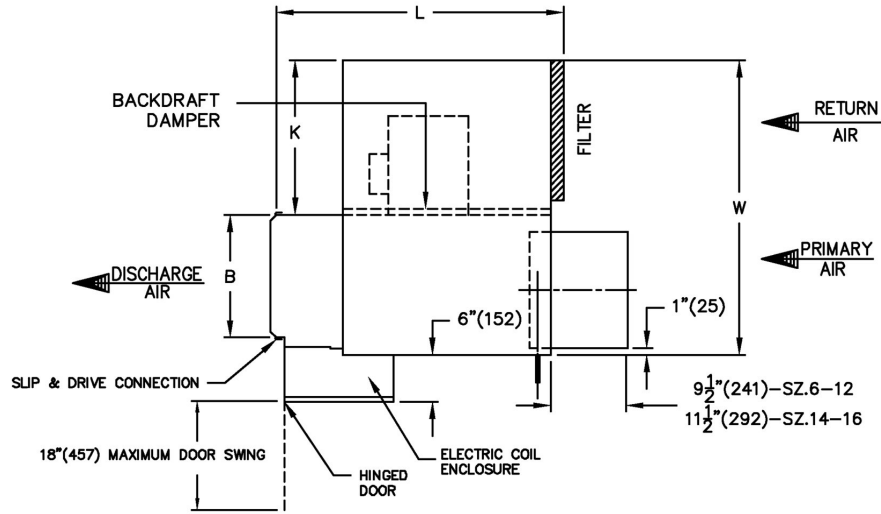
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



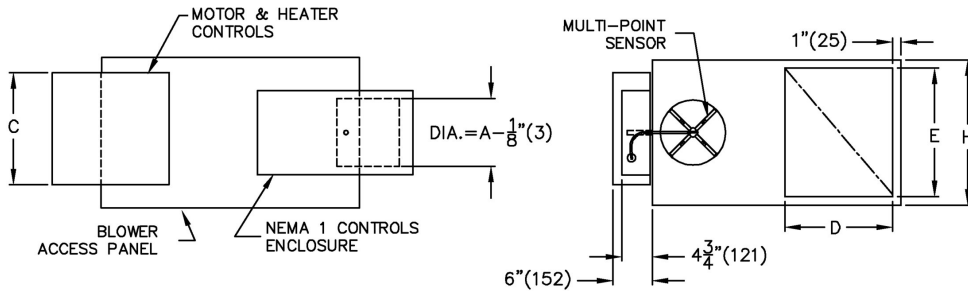
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	36 5/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/3010/FLD/CFM/277/550//EC/5.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

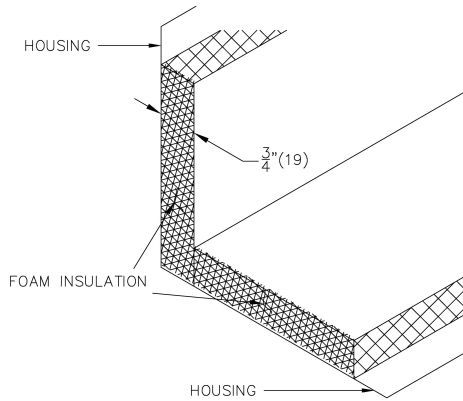
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

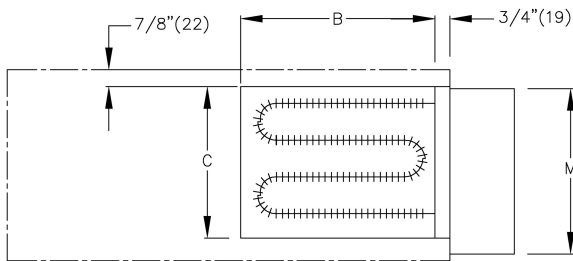
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/3010/FLD/CFM/277/550//EC/5.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

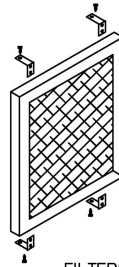
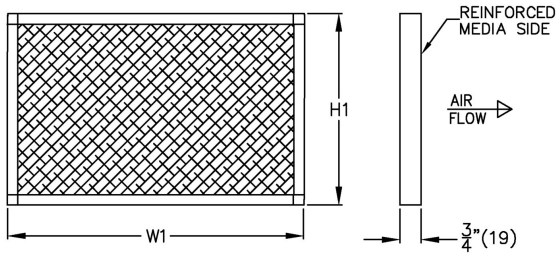
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
3010	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

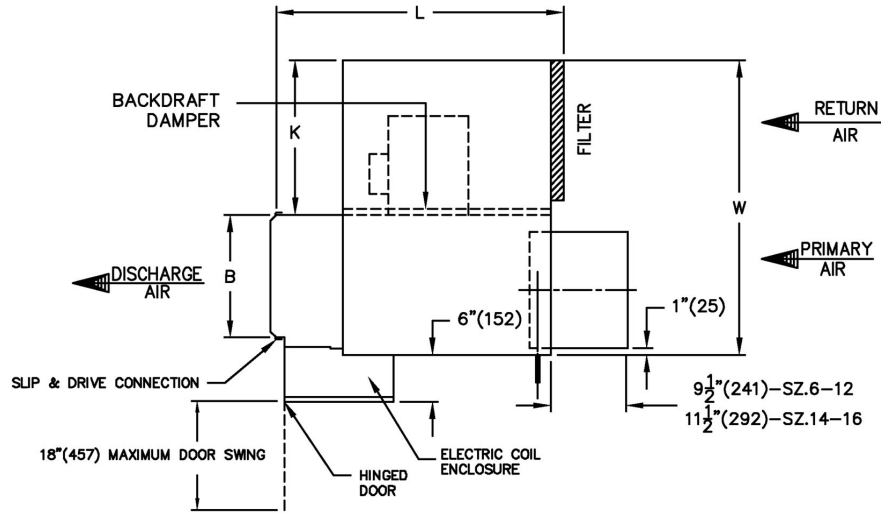
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



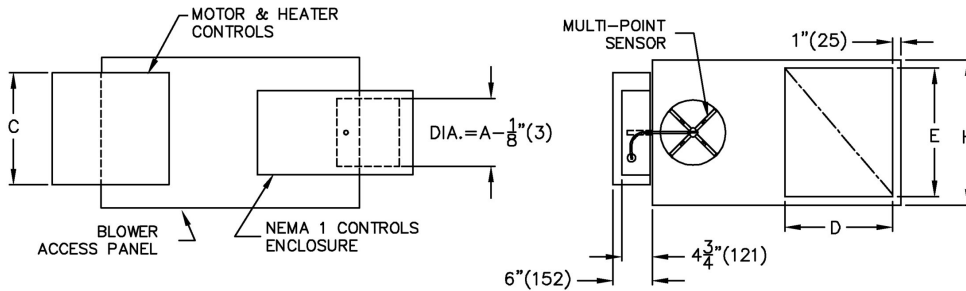
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	36 5/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Intertek



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/3010/FLD/CFM/277/550//EC/5.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

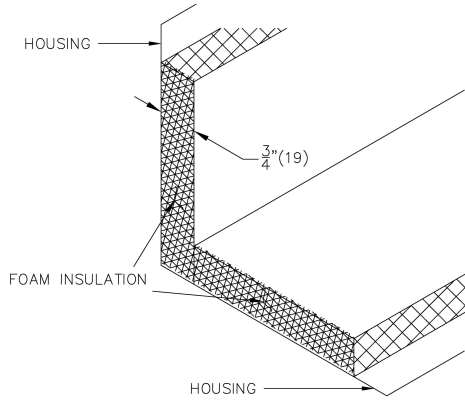
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

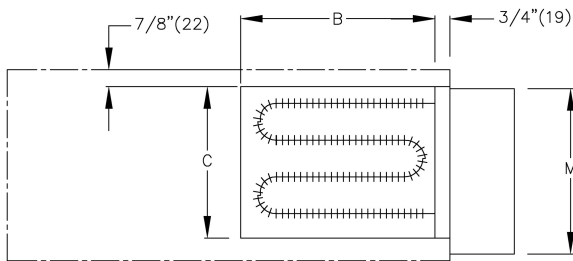
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/3010/FLD/CFM/277/550//EC/5.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

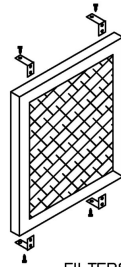
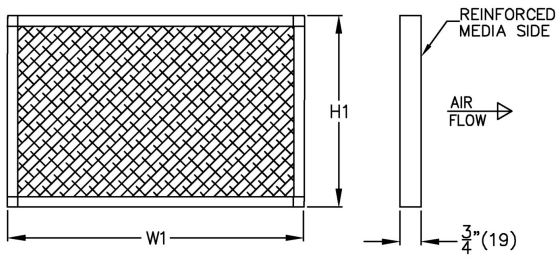
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
3010	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

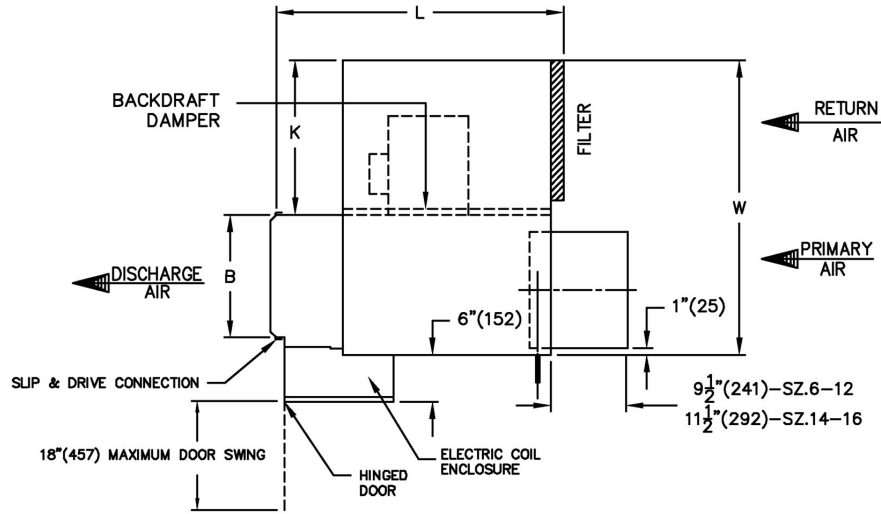
FDV5//1/8001/3010/FLD/CFM/277/550//EC/5.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



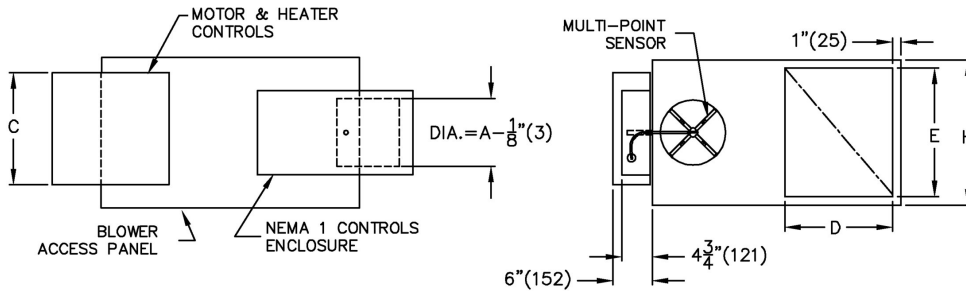
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
2008	750	8	12	15 1/2	14	12 1/2	31	17 1/2	36 1/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
2008	1/8	2.9	0.9	0.8	1.1

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/2008/FLD/CFM/277/250//EC/2.5/480-3/1/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

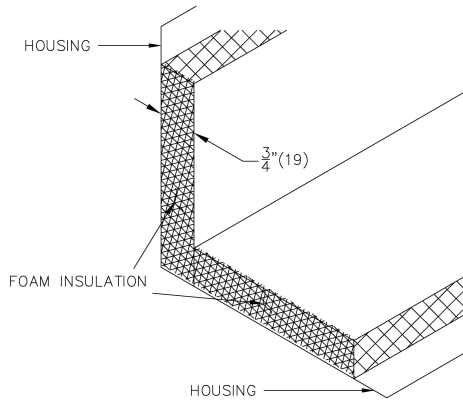
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

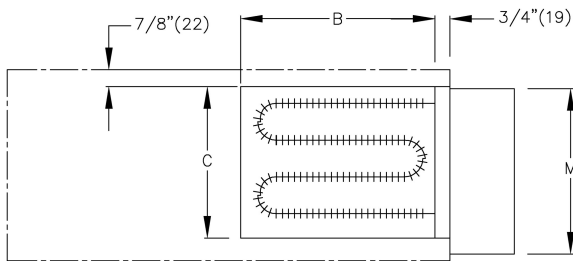
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
2008	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 1

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/2008/FLD/CFM/277/250//EC/2.5/480-3/1/FUS/IDSW/////FF/FTRM31/PS//////////

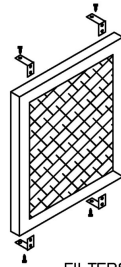
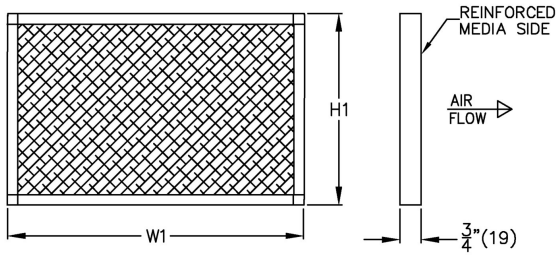
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
2008	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

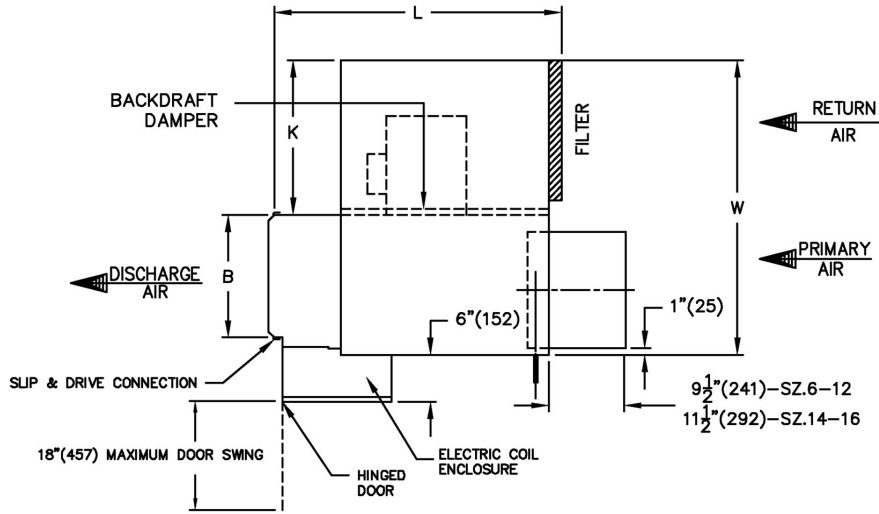
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



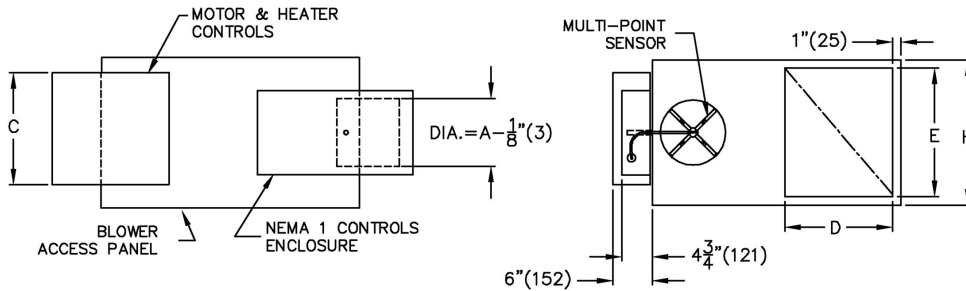
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	36 5/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/3010/FLD/CFM/277/574//EC/6.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

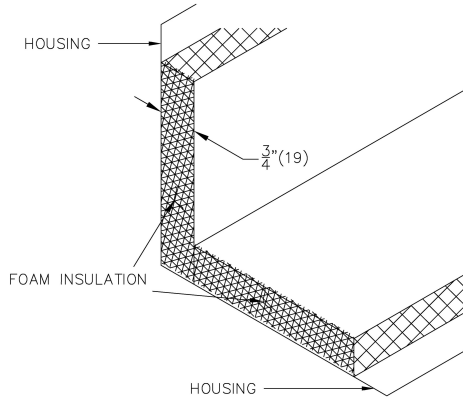
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

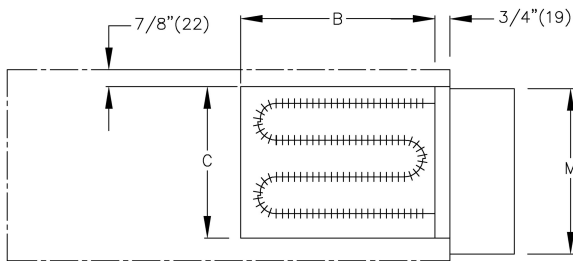
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/3010/FLD/CFM/277/574//EC/6.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

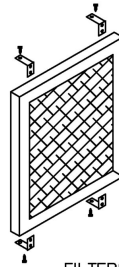
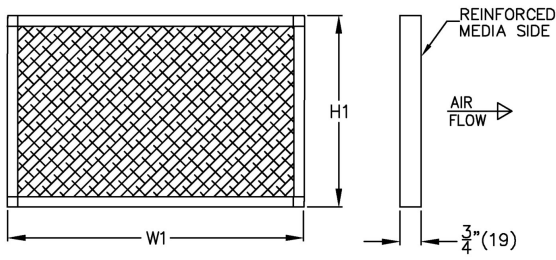
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
3010	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

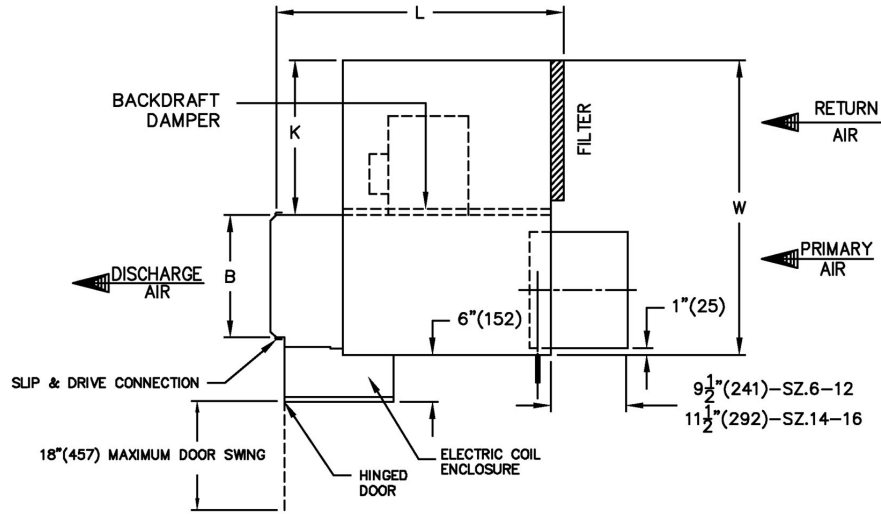
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



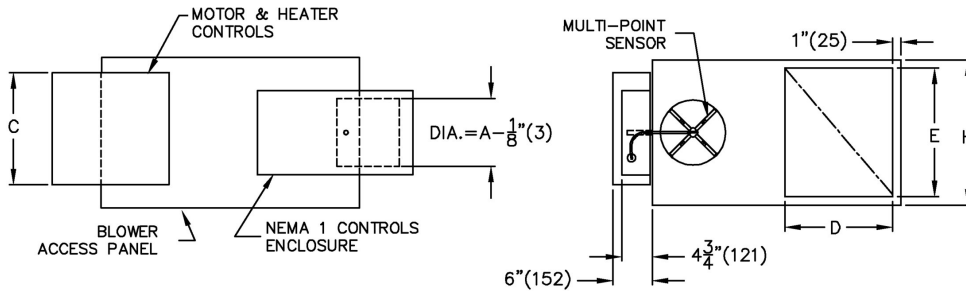
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	36 5/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on right hand side of unit (left hand shown)
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//I/8001/3010/FLD/CFM/277/679//EC/7.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS/CRH//////////

SUBMITTAL NO: 258514-A

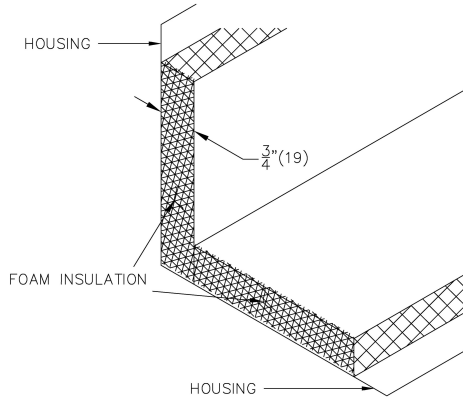
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

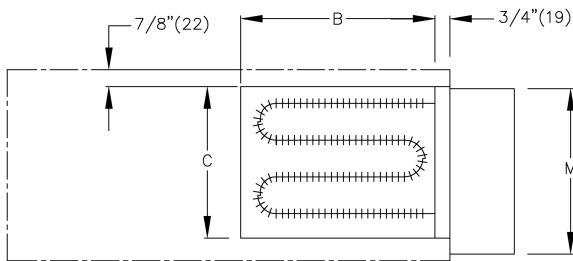
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/3010/FLD/CFM/277/679//EC/7.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS/CRH//////////

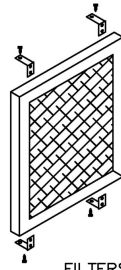
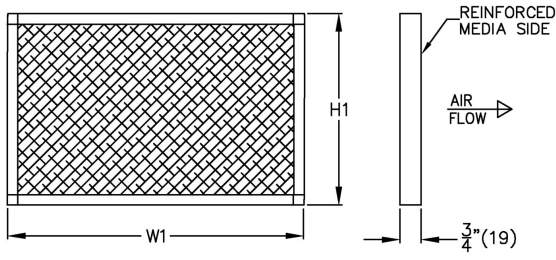
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
3010	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

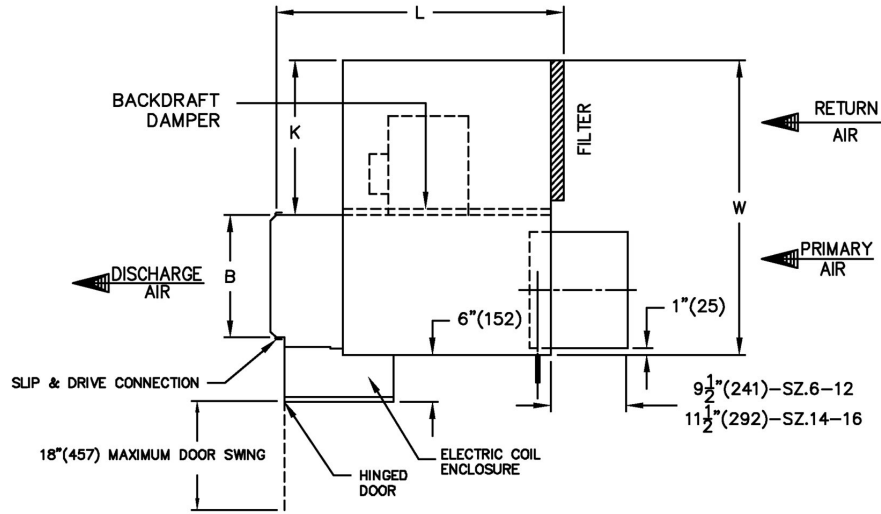
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



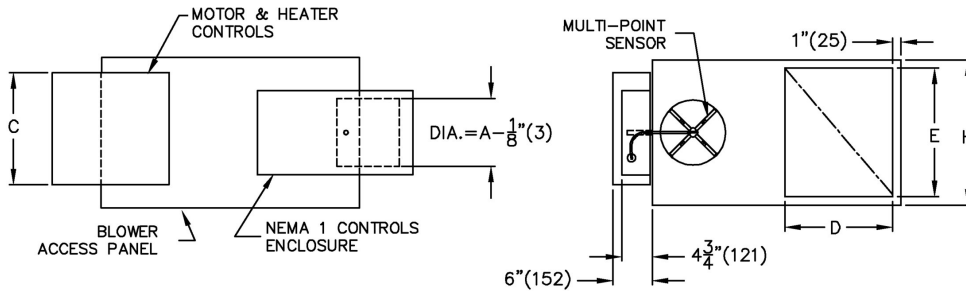
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/4012/FLD/CFM/277/800//EC/7.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

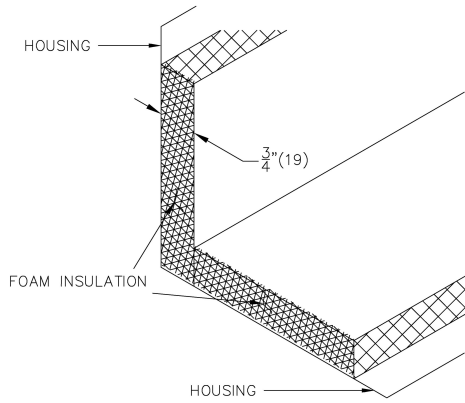
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

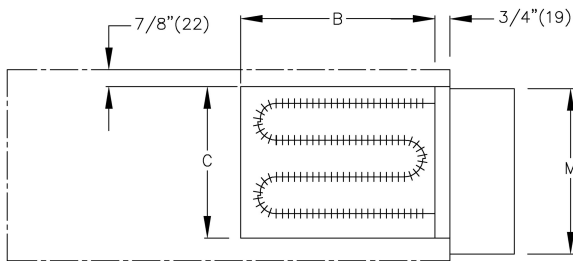
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/800//EC/7.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

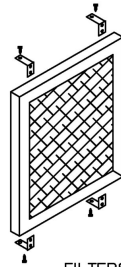
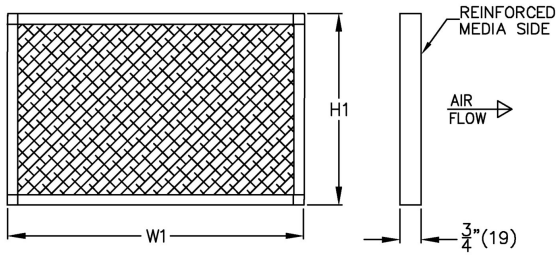
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

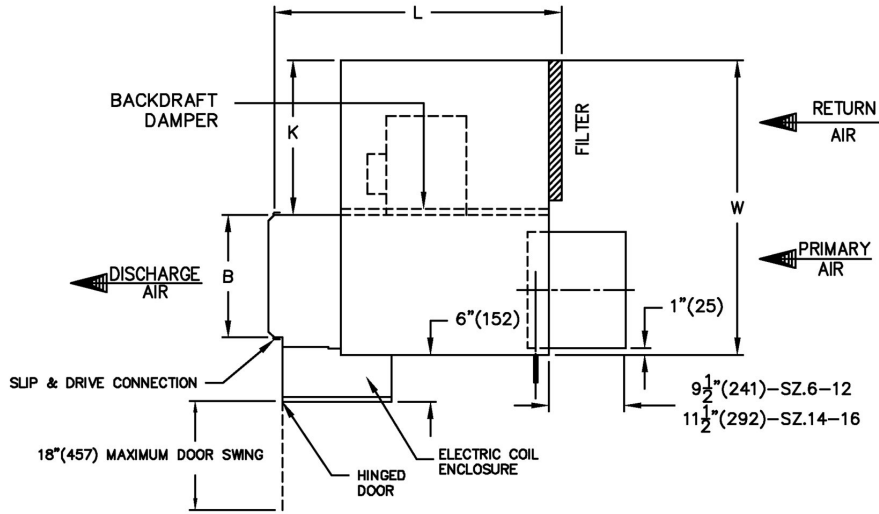
FDV5//1/8001/4012/FLD/CFM/277/800//EC/7.0/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



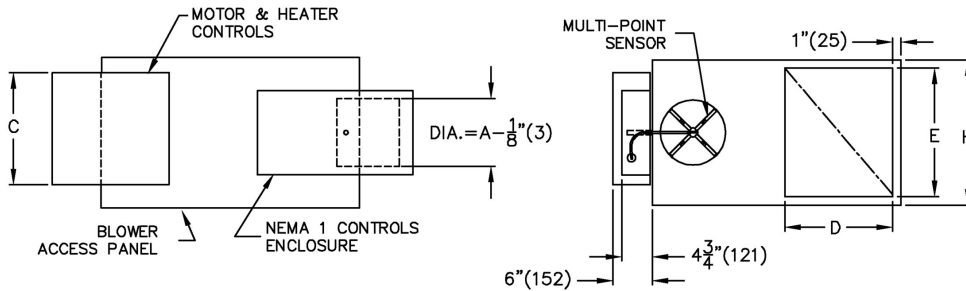
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	36 5/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on right hand side of unit (left hand shown)
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//I/8001/3010/FLD/CFM/277/550//EC/5.0/480-3/1/FUS/IDSW/////FF/FTRM31/PS/CRH//////////

SUBMITTAL NO: 258514-A

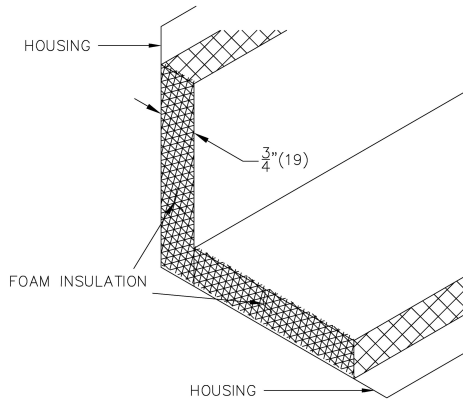
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

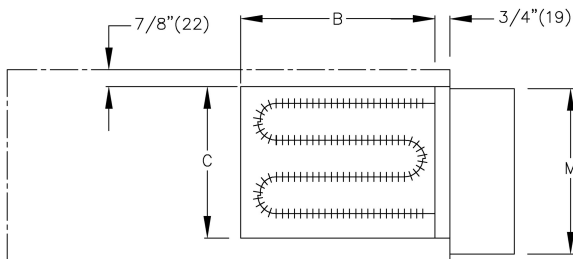
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 1

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/3010/FLD/CFM/277/550//EC/5.0/480-3/1/FUS/IDSW/////FF/FTRM31/PS/CRH//////////

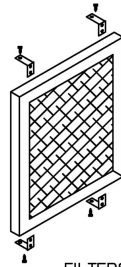
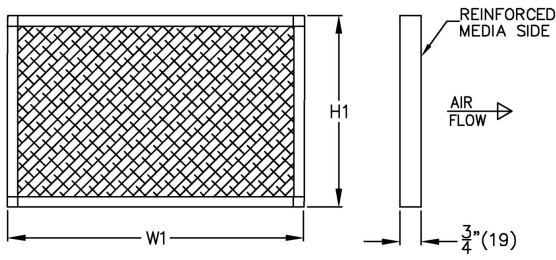
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
3010	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

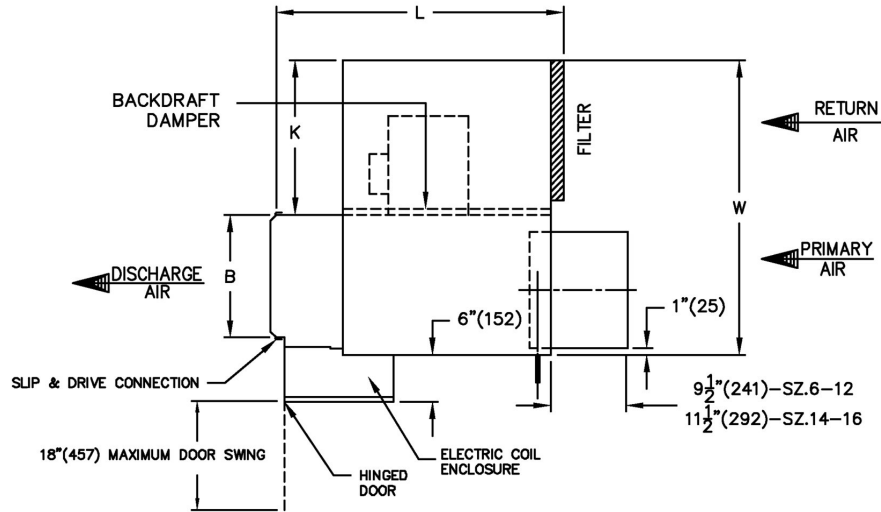
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



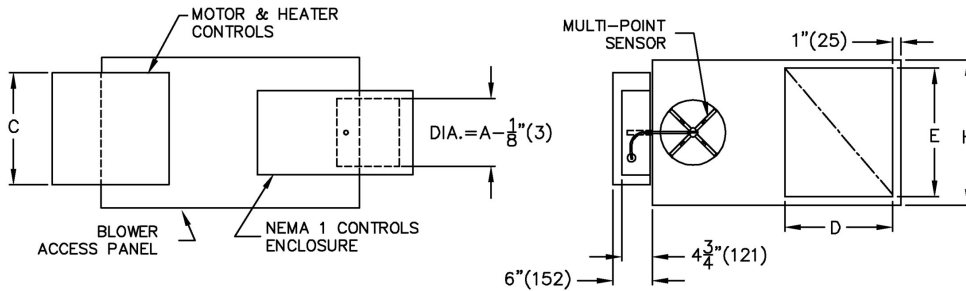
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on right hand side of unit (left hand shown)
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Intertek



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/959//EC/9.5/480-3/3/FUS/IDSW/////FF/FTRM31/PS/CRH//////////

SUBMITTAL NO: 258514-A

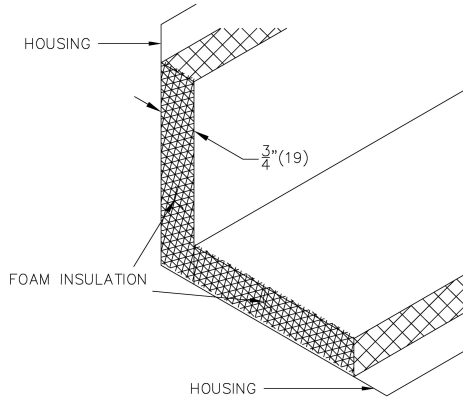
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

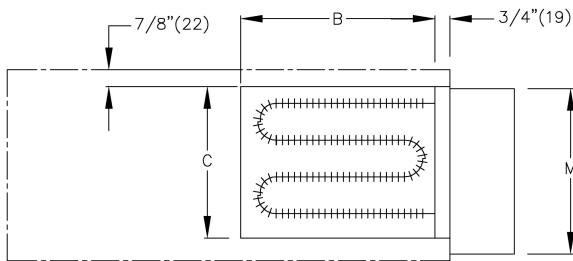
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

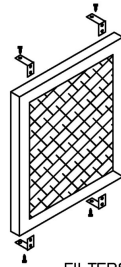
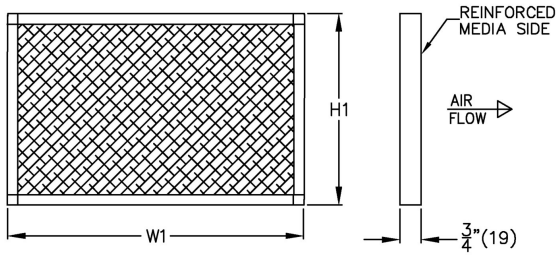
Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 3

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

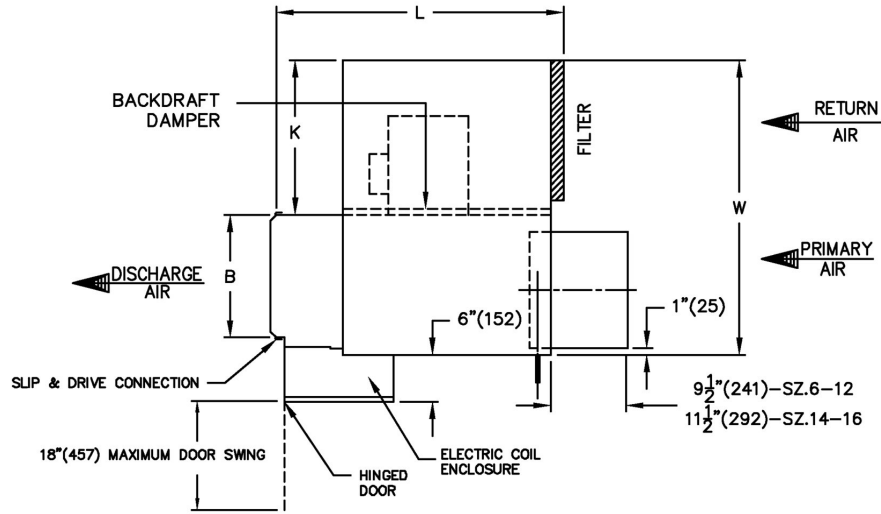
FDV5//1/8001/4012/FLD/CFM/277/959//EC/9.5/480-3/3/FUS/IDSW/////FF/FTRM31/PS/CRH//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



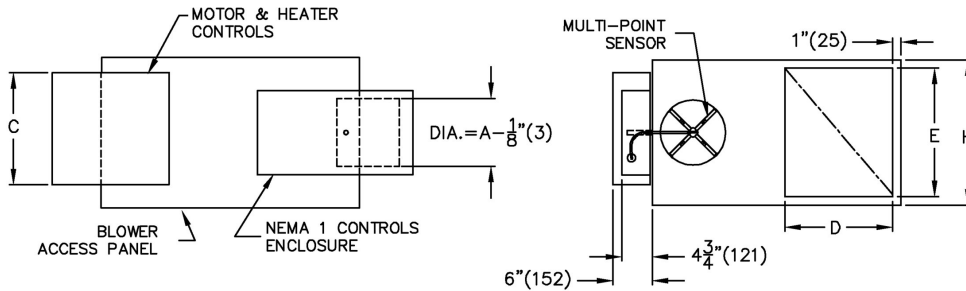
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/4012/FLD/CFM/277/896//EC/9.0/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

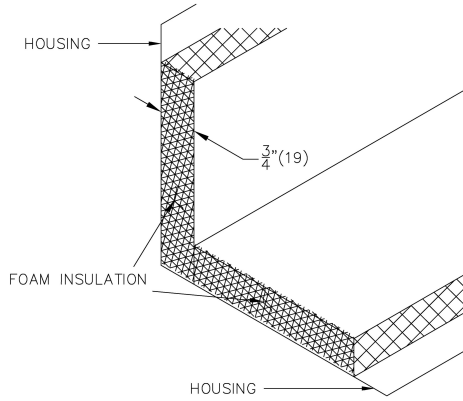
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

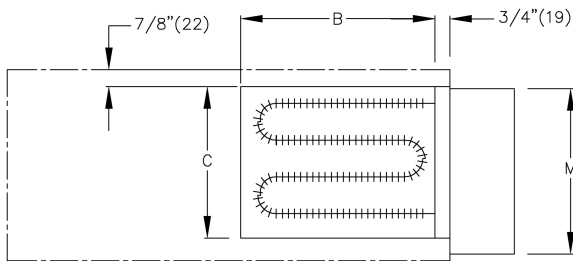
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 3

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/896//EC/9.0/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

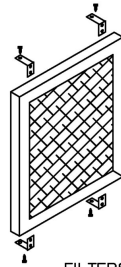
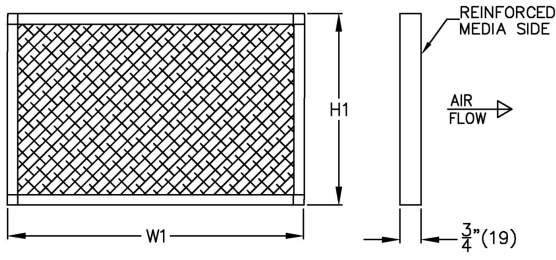
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

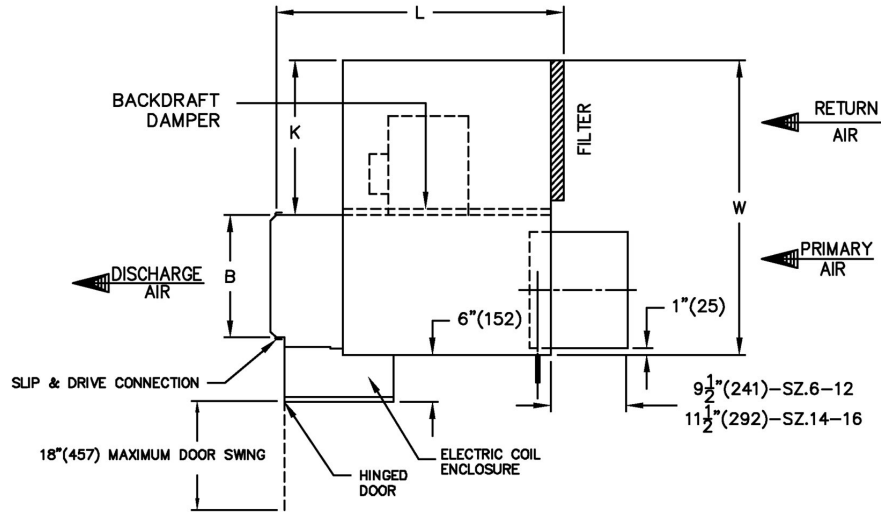
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



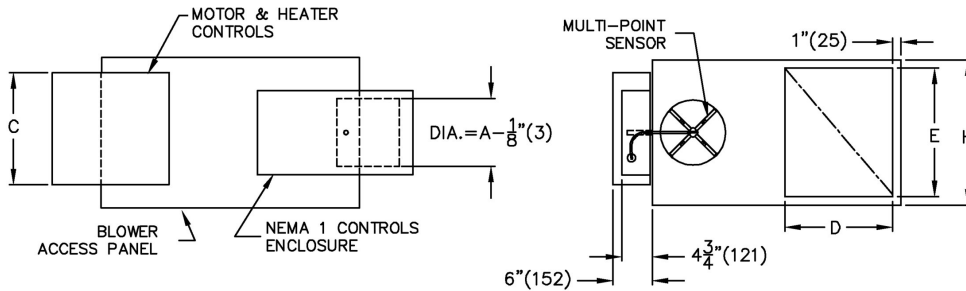
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/4012/FLD/CFM/277/800//EC/7.5/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

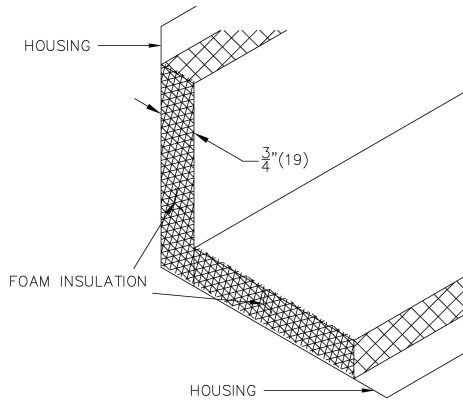
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

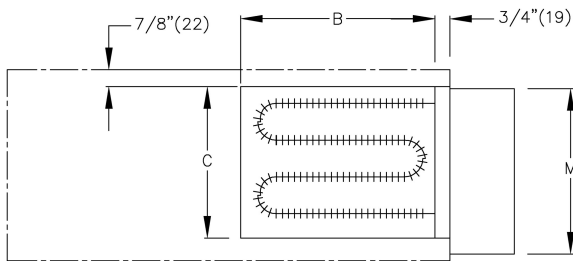
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 2

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/800//EC/7.5/480-3/2/FUS//IDSW/////FF/FTRM31/PS//

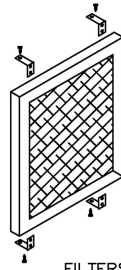
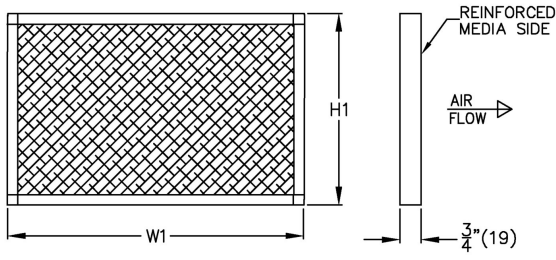
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

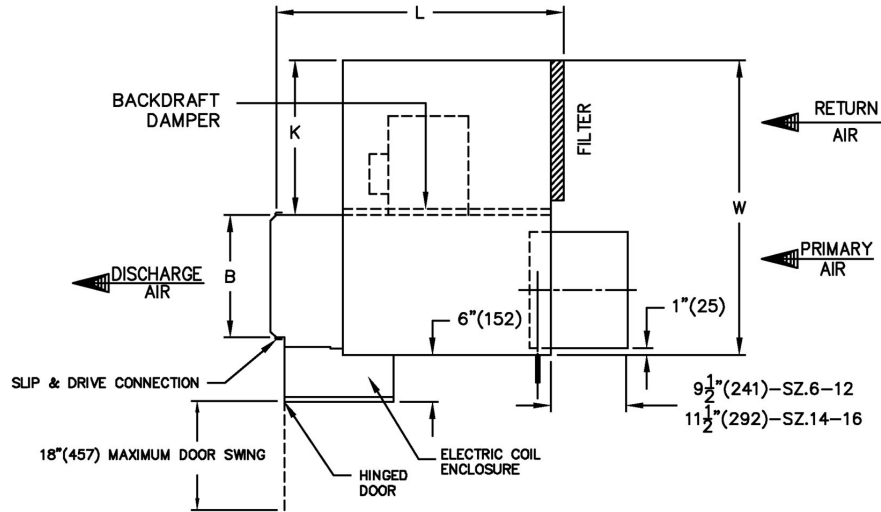
FDV5//1/8001/4012/FLD/CFM/277/800//EC/7.5/480-3/2/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



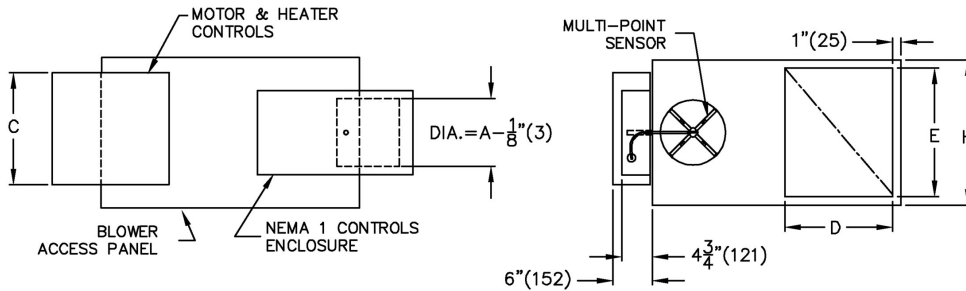
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
4012	2000	12	16	15 1/2	16	15	35	17 1/2	40 1/8	18 1/4	20

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
4012	1/2	9.8	3.8	3.8	3.2

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 20 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Intertek



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/4012/FLD/CFM/277/945//EC/9.5/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

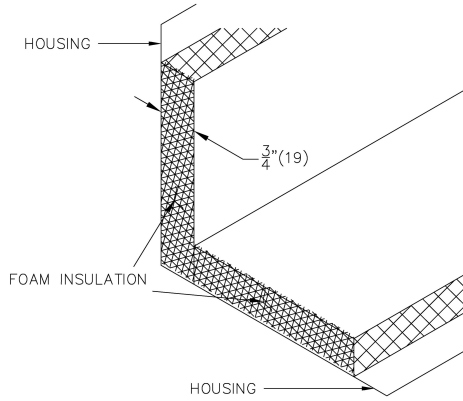
**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Liner**

**FF**

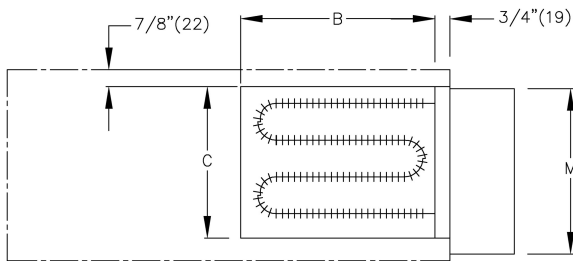
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
4012	16 x 15	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 3

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/4012/FLD/CFM/277/945//EC/9.5/480-3/3/FUS/IDSW/////FF/FTRM31/PS//////////

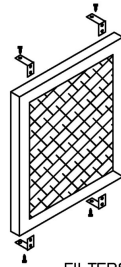
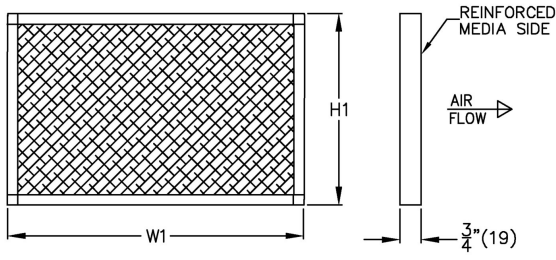
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
4012	17 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

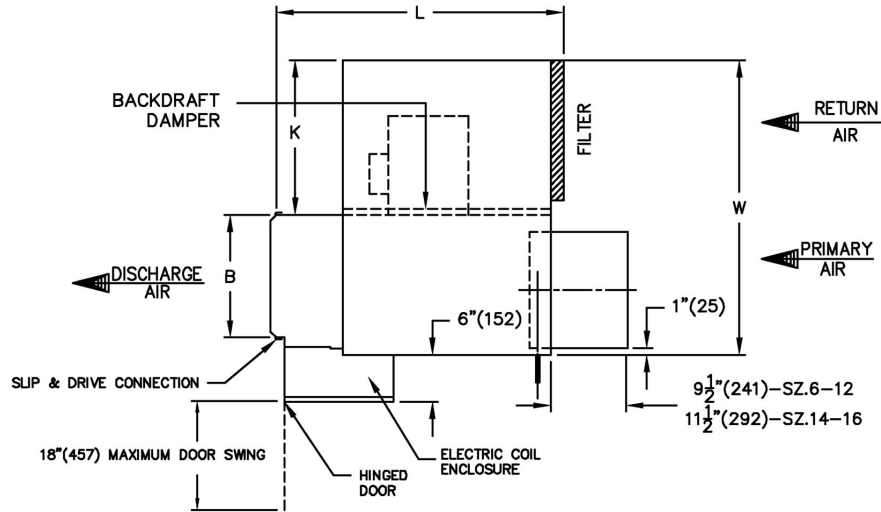
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**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**FDV5 Fan Powered Variable Volume, Digital Controls by Others**



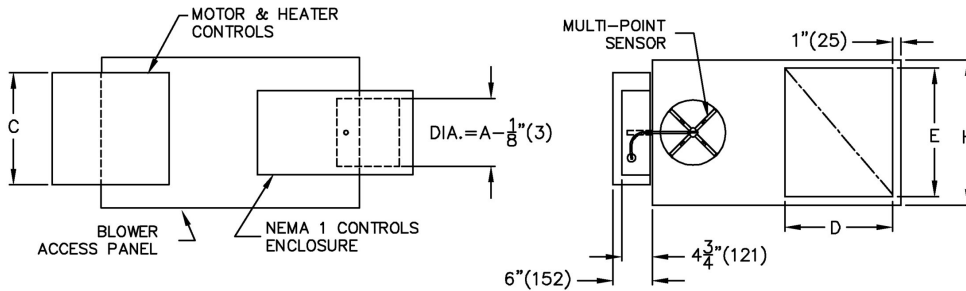
Dimensions - IMPERIAL UNITS (inches)

Unit Size	Maximum Fan CFM	Primary Air Inlet	Return Air Inlet		Outlet Duct		W	H	L	K	Gauge
			D	E	B	C					
3010	1350	10	12	15 1/2	14	12 1/2	31	17 1/2	36 1/8	16 1/4	22

Standard Motor

Unit Size	Motor H.P.	Full Load Amps			
		115V	208V	240V	277V
3010	1/4	4.7	0.8	0.7	1.7

**Controls**



- Pressure independent
- Controls are supplied by controls contractor and field installed
- Controls mounted on left hand side of unit
- PS - Controls enclosure included
- Multi-point primary airflow sensor supplied by Price

**Notes**

- 22 Ga. zinc coated steel casing. Mechanically sealed and gasketed, leak resistant construction
- Primary damper blade constructed of two layers of heavy gauge galvanized steel with a sandwiched peripheral gasket
- 1/2" (13) dia. plated solid steel shaft with end indicator mark showing damper position
- Damper leakage rated below 2% of nominal flow at 3" w.g. (747Pa). Damper closing direction - CCW
- Units not to be used for temporary heat or ventilation during construction
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Refer to submitted box schedule for air volumes and inlet sizes



Assembly UL1995 & CSA236 listed

**Motor**

- PSC Electric Motor 1 phase, 60 cycle. Speed controller included

PROJECT: AMN Healthcare Project

ENGINEER:

DESCRIPTION: Fan Powered, VAV - DDC By Others

FDV5//1/8001/3010/FLD/CFM/277/550//EC/4.5/480-3/1/FUS/IDSW/////FF/FTRM31/PS//////////

SUBMITTAL NO: 258514-A

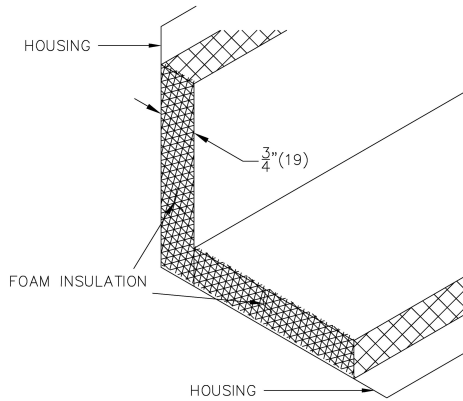
CUSTOMER: TD Industries

SUBMITTAL DATE: 12/27/2022

**Liner**

**FF**

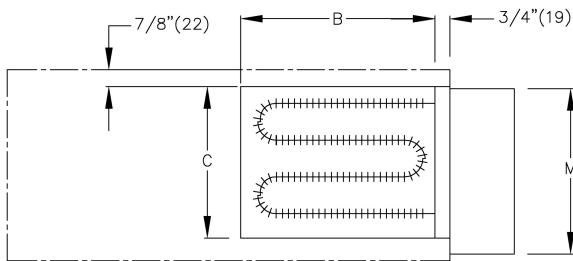
3/4" Fiber Free Foam Insulation



Internal Insulation - Fiber Free Foam 3/4" ( 19mm) thick, min. 1.5 lb/cu.ft density, meets requirements of NFPA90A and UL 181.

R-value = 3

**Electric Coil**



**Standard Coil Notes**

- Automatic reset thermal cutout
- Manual reset thermal cutout
- Refer to submitted control diagrams for standard control components to be supplied
- Hinged access door
- Minimum 0.2" w.g. (50 Pa) external static pressure to operate
- Slip and drive discharge connection
- Heater section not insulated
- 20 Ga. galvanized steel construction
- Fan interlocked with heating elements
- Low watt density elements, high grade nickel-chrome alloy
- 70 CFM per kW minimum air flow across heater coils
- Assembly ETL certified to UL1995 & CSA236
- Single point electrical connection
- Magnetic contactors where required

Unit Size	IMPERIAL UNITS (inches)	
	Outlet Duct B x C	M
3010	14 x 12 1/2	15

**Electrical Configuration**

Supply Voltage:  
 • 480/3Ø (4 Wire)  
 Stages/Control: 1

**Selected Coil Features**

- FUS - Main supply fuses
- IDSW - Door Interlock Disconnect Switch

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//I/8001/3010/FLD/CFM/277/550//EC/4.5/480-3/1/FUS/IDSW/////FF/FTRM31/PS//////////

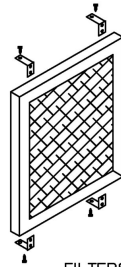
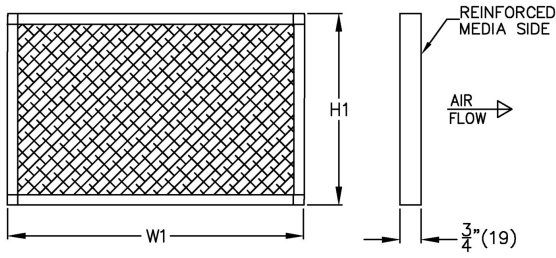
**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

**Filter**  
**FTRM31**

1" MERV 3 Return Air Filter (Disposable)



FILTERS ARE CLIPPED TO TERMINAL CASING

Unit Size	IMPERIAL UNITS (inches)	
	W1	H1
3010	14 7/8	17 3/8

- Cardboard Frame
- 1" (25) Nominal Filter Media
- MERV 3 Rating
- Filter clipped to terminal

**PROJECT:** AMN Healthcare Project

**ENGINEER:**

**DESCRIPTION:** Fan Powered, VAV - DDC By Others

FDV5//1/8001/3010/FLD/CFM/277/550//EC/4.5/480-3/1/FUS/IDSW/////FF/FTRM31/PS//////////

**SUBMITTAL NO:** 258514-A

**CUSTOMER:** TD Industries

**SUBMITTAL DATE:** 12/27/2022

# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-1 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	294	PSC	277	1.1	1/8	420	105	1.00	0.25	0.75	0.02	5.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
3.0	399	69.7	93.5	480-3	1	3.6

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	58	61	52	52	45	40	31 (3)	61	51	46	41	39	29	--
Primary Valve Only	54	46	44	41	31	27	--	68	55	48	45	43	38	21 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-2 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	630	PSC	277	1.7	1/4	900	225	1.00	0.25	0.75	0.02	11.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
6.5	855	69.7	93.7	480-3	2	7.8

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	59	64	60	61	53	49	35 (4)	64	56	53	51	49	41	--
Primary Valve Only	62	55	51	48	36	34	25 (4)	71	60	51	49	47	41	22 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-3 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	357	PSC	277	1.1	1/8	510	128	1.00	0.25	0.75	0.03	6.6	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
3.5	485	69.7	92.5	480-3	1	4.2

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	59	62	54	55	47	43	32 (3)	63	52	48	44	42	33	--
Primary Valve Only	56	49	47	44	33	29	21 (4)	70	58	50	47	45	39	24 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-4 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	595	PSC	277	1.7	1/4	850	213	1.00	0.25	0.75	0.02	11.2	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
6.0	808	69.7	93.2	480-3	2	7.2

### Accessories

Terminal Liner : FF

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	58	63	60	60	52	48	35 (4)	63	55	52	50	48	40	--
Primary Valve Only	62	55	51	48	36	33	25 (4)	71	59	51	48	46	40	22 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-5 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	406	PSC	277	1.1	1/8	580	145	1.00	0.25	0.75	0.04	7.4	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
4.0	551	69.7	92.6	480-3	1	4.8

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	60	62	55	56	49	46	32 (3)	64	53	49	45	44	36	--
Primary Valve Only	57	50	49	45	34	30	23 (4)	71	60	51	49	47	41	25 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-6 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	994	PSC	277	3.2	1/2	1420	355	1.00	0.25	0.75	0.01	19.0	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
10.0	1349	69.7	93.1	480-3	3	12.0

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	67	64	66	64	56	53	41 (4)	73	60	57	55	53	47	25 (2)		
Primary Valve Only	61	56	53	49	38	35	27 (4)	74	65	58	55	52	45	26 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-7 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	588	PSC	277	1.7	1/4	840	210	1.00	0.25	0.75	0.02	11.2	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
6.0	798	69.7	93.5	480-3	2	7.2

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	58	63	60	60	52	48	35 (4)	63	55	52	50	47	39	--
Primary Valve Only	62	55	51	48	36	33	25 (4)	71	59	51	48	46	40	22 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-8 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	868	PSC	277	3.2	1/2	1240	310	1.00	0.25	0.75	0.01	16.8	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
8.5	1178	69.7	92.5	480-3	3	10.2

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	66	63	64	62	54	50	39 (4)	71	58	55	53	50	44	22 (2)		
Primary Valve Only	60	55	52	48	37	34	26 (4)	73	63	57	54	51	44	25 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-9 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	250	PSC	277	1.1	1/8	340	85	1.00	0.25	0.75	0.01	5.1	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
2.5	335	69.9	93.5	480-3	1	3.0

### Accessories

Terminal Liner : FF

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	56	61	51	51	43	37	31 (3)	59	50	44	39	37	25	--
Primary Valve Only	51	43	41	38	28	25	--	66	52	46	42	41	36	--

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-10 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	885	PSC	277	3.2	1/2	1260	315	1.00	0.25	0.75	0.01	16.8	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
8.5	1200	69.8	92.2	480-3	2	10.2

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	66	63	64	62	54	50	39 (4)	71	58	55	54	51	45	22 (2)		
Primary Valve Only	60	55	52	48	37	34	26 (4)	73	64	57	54	51	44	25 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-11 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	812	PSC	277	3.2	1/2	1160	290	1.00	0.25	0.75	0.01	16.0	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
8.0	1102	69.7	92.6	480-3	2	9.6

### Accessories

Terminal Liner : FF  
 Accessory 3 : CRH

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	65	62	63	61	53	49	38 (4)	70	57	54	52	49	43	21 (2)
Primary Valve Only	60	54	51	47	36	34	25 (4)	72	63	56	53	50	43	24 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-12 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	679	PSC	277	1.7	1/4	970	243	1.00	0.25	0.75	0.02	12.7	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.0	922	69.7	93.7	480-3	2	8.4

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	60	64	61	62	54	51	36 (4)	65	56	54	52	50	43	--		
Primary Valve Only	63	56	52	49	37	34	26 (4)	72	61	52	50	48	41	24 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-13 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	800	PSC	277	3.2	1/2	1020	255	1.00	0.25	0.75	0.01	14.5	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.0	1055	70.2	91.2	480-3	2	8.4

### Accessories

Terminal Liner : FF

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	65	62	63	61	53	48	38 (4)	70	57	54	52	49	43	21 (2)		
Primary Valve Only	59	53	50	46	35	34	24 (4)	71	61	55	52	49	42	22 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-14 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	680	170	1.00	0.25	0.75	0.01	9.6	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
5.0	720	70.3	92.2	480-3	2	6.0

### Accessories

Terminal Liner : FF Accessory 3 : CRH

### Coil Options

Coil Option 1 : FUS Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--		
Primary Valve Only	60	52	49	46	34	32	23 (4)	68	56	48	45	44	38	21 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-15 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	959	PSC	277	3.2	1/2	1370	343	1.00	0.25	0.75	0.01	18.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
9.5	1302	69.7	92.8	480-3	3	11.4

### Accessories

Terminal Liner : FF  
 Accessory 3 : CRH

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	67	64	65	63	55	52	40 (4)	72	59	56	55	52	47	24 (2)
Primary Valve Only	61	55	53	49	38	35	27 (4)	74	65	58	55	52	45	26 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-16 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	896	PSC	277	3.2	1/2	1280	320	1.00	0.25	0.75	0.01	17.5	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
9.0	1216	69.7	93.1	480-3	3	10.8

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	66	63	64	62	54	51	39 (4)	71	59	56	54	51	45	22 (2)		
Primary Valve Only	60	55	52	48	37	35	26 (4)	73	64	57	54	51	44	25 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-17 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	800	PSC	277	3.2	1/2	1080	270	1.00	0.25	0.75	0.01	15.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.5	1070	70.0	92.1	480-3	2	9.0

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	65	62	63	61	53	48	38 (4)	70	57	54	52	49	43	21 (2)		
Primary Valve Only	59	53	51	47	36	34	25 (4)	72	62	56	52	49	42	24 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-18 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	945	PSC	277	3.2	1/2	1350	338	1.00	0.25	0.75	0.01	18.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
9.5	1283	69.7	93.1	480-3	3	11.4

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	67	64	65	63	55	52	40 (4)	72	59	56	55	52	46	24 (2)		
Primary Valve Only	61	55	53	48	38	35	27 (4)	74	64	58	55	51	44	26 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-19 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	630	158	1.00	0.25	0.75	0.01	8.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
4.5	708	70.5	90.6	480-3	1	5.4

### Accessories

Terminal Liner : FF

Accessory 3 : CRH

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--		
Primary Valve Only	59	52	48	45	33	31	22 (4)	67	54	47	44	43	37	20 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-20 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	294	PSC	277	1.1	1/8	420	105	1.00	0.25	0.75	0.02	5.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
3.0	399	69.7	93.5	480-3	1	3.6

### Accessories

Terminal Liner : FF  
 Accessory 3 : IAS

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	55	57	47	43	34	29	26 (3)	61	51	46	41	39	29	--
Primary Valve Only	51	42	39	32	20	--	--	68	55	48	45	43	38	21 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-21 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	371	PSC	277	1.1	1/8	530	133	1.00	0.25	0.75	0.03	7.4	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
4.0	504	69.7	94.8	480-3	1	4.8

### Accessories

Terminal Liner : FF  
 Accessory 3 : IAS

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	57	58	50	46	37	33	27 (3)	63	52	48	44	42	34	--
Primary Valve Only	53	45	42	35	22	18	--	70	59	50	48	46	40	24 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 5-22 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	630	158	1.00	0.25	0.75	0.01	8.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
4.5	708	70.5	90.6	480-3	1	5.4

### Accessories

Terminal Liner : FF  
 Accessory 3 : CRH

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--
Primary Valve Only	59	52	48	45	33	31	22 (4)	67	54	47	44	43	37	20 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-1 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	5014	1500	PSC	277	4.4	3/4	1680	420	1.00	0.25	0.75	0.01	22.8	25.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
11.5	1920	70.6	89.5	480-3	3	13.8

### Accessories

Terminal Liner : FF

Accessory 4 : CRH

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	71	66	67	67	60	57	43 (4)	72	68	62	60	58	53	26 (3)
Primary Valve Only	59	55	54	51	39	36	28 (4)	71	62	56	55	53	46	22 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-2 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	322	PSC	277	1.1	1/8	460	115	1.00	0.25	0.75	0.02	6.6	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
3.5	437	69.7	95.0	480-3	1	4.2

### Accessories

Terminal Liner : FF  
 Accessory 3 : IAS

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	55	57	48	44	35	30	26 (3)	62	51	47	42	40	31	--
Primary Valve Only	52	43	40	33	21	17	--	69	56	49	46	44	39	22 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-3 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	308	PSC	277	1.1	1/8	440	110	1.00	0.25	0.75	0.02	5.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
3.0	418	69.7	92.4	480-3	1	3.6

### Accessories

Terminal Liner : FF  
 Accessory 3 : IAS

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	55	57	48	44	34	30	26 (3)	61	51	46	42	40	30	--
Primary Valve Only	51	42	40	33	20	--	--	68	56	48	45	44	38	21 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-4 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	800	PSC	277	3.2	1/2	1080	270	1.00	0.25	0.75	0.01	15.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.5	1070	70.0	92.1	480-3	2	9.0

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	65	62	63	61	53	48	38 (4)	70	57	54	52	49	43	21 (2)		
Primary Valve Only	59	53	51	47	36	34	25 (4)	72	62	56	52	49	42	24 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-5 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	406	PSC	277	1.1	1/8	580	145	1.00	0.25	0.75	0.04	7.4	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
4.0	551	69.7	92.6	480-3	3	4.8

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	60	62	55	56	49	46	32 (3)	64	53	49	45	44	36	--
Primary Valve Only	57	50	49	45	34	30	23 (4)	71	60	51	49	47	41	25 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-6 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	994	PSC	277	3.2	1/2	1420	355	1.00	0.25	0.75	0.01	19.0	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
10.0	1349	69.7	93.1	480-3	3	12.0

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	67	64	66	64	56	53	41 (4)	73	60	57	55	53	47	25 (2)		
Primary Valve Only	61	56	53	49	38	35	27 (4)	74	65	58	55	52	45	26 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-7 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	588	PSC	277	1.7	1/4	840	210	1.00	0.25	0.75	0.02	11.2	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
6.0	798	69.7	93.5	480-3	2	7.2

### Accessories

Terminal Liner : FF  
 Accessory 3 : IAS

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	55	59	55	51	41	37	30 (4)	63	55	52	50	47	39	--
Primary Valve Only	59	51	46	39	25	22	21 (2)	71	59	51	48	46	40	22 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-8 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	868	PSC	277	3.2	1/2	1240	310	1.00	0.25	0.75	0.01	16.8	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
8.5	1178	69.7	92.5	480-3	2	10.2

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	66	63	64	62	54	50	39 (4)	71	58	55	53	50	44	22 (2)		
Primary Valve Only	60	55	52	48	37	34	26 (4)	73	63	57	54	51	44	25 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-9 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	680	170	1.00	0.25	0.75	0.01	9.6	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
5.0	720	70.3	92.2	480-3	2	6.0

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--		
Primary Valve Only	60	52	49	46	34	32	23 (4)	68	56	48	45	44	38	21 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-10 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	680	170	1.00	0.25	0.75	0.01	9.6	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
5.0	720	70.3	92.2	480-3	2	6.0

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--
Primary Valve Only	60	52	49	46	34	32	23 (4)	68	56	48	45	44	38	21 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-11 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	2008	250	PSC	277	1.1	1/8	340	85	1.00	0.25	0.75	0.01	5.1	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
2.5	335	69.9	93.5	480-3	1	3.0

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	56	61	51	51	43	37	31 (3)	59	50	44	39	37	25	--
Primary Valve Only	51	43	41	38	28	25	--	66	52	46	42	41	36	--

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-12 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	574	PSC	277	1.7	1/4	820	205	1.00	0.25	0.75	0.02	11.2	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
6.0	779	69.7	94.0	480-3	2	7.2

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	57	63	59	59	51	48	34 (4)	63	55	52	49	47	39	--		
Primary Valve Only	61	54	51	48	35	33	25 (4)	70	58	50	48	46	40	21 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-13 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	679	PSC	277	1.7	1/4	970	243	1.00	0.25	0.75	0.02	12.7	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.0	922	69.7	93.7	480-3	2	8.4

### Accessories

Terminal Liner : FF  
 Accessory 3 : CRH

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	60	64	61	62	54	51	36 (4)	65	56	54	52	50	43	--
Primary Valve Only	63	56	52	49	37	34	26 (4)	72	61	52	50	48	41	24 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-14 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	800	PSC	277	3.2	1/2	1020	255	1.00	0.25	0.75	0.01	14.5	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.0	1055	70.2	91.2	480-3	2	8.4

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	65	62	63	61	53	48	38 (4)	70	57	54	52	49	43	21 (2)		
Primary Valve Only	59	53	50	46	35	34	24 (4)	71	61	55	52	49	42	22 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-15 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	680	170	1.00	0.25	0.75	0.01	9.6	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
5.0	720	70.3	92.2	480-3	1	6.0

### Accessories

Terminal Liner : FF  
 Accessory 3 : CRH

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--
Primary Valve Only	60	52	49	46	34	32	23 (4)	68	56	48	45	44	38	21 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-16 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	959	PSC	277	3.2	1/2	1370	343	1.00	0.25	0.75	0.01	18.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
9.5	1302	69.7	92.8	480-3	3	11.4

### Accessories

Terminal Liner : FF  
 Accessory 3 : CRH

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
	Octave Band							Octave Band						
	2	3	4	5	6	7		2	3	4	5	6	7	
Fan Only	67	64	65	63	55	52	40 (4)	72	59	56	55	52	47	24 (2)
Primary Valve Only	61	55	53	49	38	35	27 (4)	74	65	58	55	52	45	26 (2)

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-17 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	896	PSC	277	3.2	1/2	1280	320	1.00	0.25	0.75	0.01	17.5	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
9.0	1216	69.7	93.1	480-3	3	10.8

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	66	63	64	62	54	51	39 (4)	71	59	56	54	51	45	22 (2)		
Primary Valve Only	60	55	52	48	37	35	26 (4)	73	64	57	54	51	44	25 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-18 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	800	PSC	277	3.2	1/2	1080	270	1.00	0.25	0.75	0.01	15.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
7.5	1070	70.0	92.1	480-3	2	9.0

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	65	62	63	61	53	48	38 (4)	70	57	54	52	49	43	21 (2)		
Primary Valve Only	59	53	51	47	36	34	25 (4)	72	62	56	52	49	42	24 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-19 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	4012	945	PSC	277	3.2	1/2	1350	338	1.00	0.25	0.75	0.01	18.3	20.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
9.5	1283	69.7	93.1	480-3	3	11.4

### Accessories

Terminal Liner : FF

Accessory 1 : FTRM31

Accessory 2 : PS

### Coil Options

Coil Option 1 : FUS

Coil Option 2 : IDSW

### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	67	64	65	63	55	52	40 (4)	72	59	56	55	52	46	24 (2)		
Primary Valve Only	61	55	53	48	38	35	27 (4)	74	64	58	55	51	44	26 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
- Sound power levels are given in decibels (dB).
- Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
- Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
- NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
- Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

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# PRICE ALL-IN-ONE

## Terminal Unit Selection - FDV5

Project: AMN Healthcare Project Location: Dallas, TX  
 Tag: 6-20 Quantity: 1

Altitude: 0 (ft)

Model: FDV5

### Selection

Model	Size	Fan					Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Fan (CFM)	Motor Type	Motor Voltage	Motor FLA	Motor HP	Max	Min	Inlet	Down	Diff	Min Oper	MCA	MOP
FDV5	3010	550	PSC	277	1.7	1/4	630	158	1.00	0.25	0.75	0.01	8.9	15.0

### Heating Coil Performance

EC Capacity (kW)	Reheat (CFM)	Coil Performance				
		EAT (°F)	LAT (°F)	Volts (V)	Steps	Coil Amps (A)
4.5	708	70.5	90.6	480-3	1	5.4

### Accessories

Terminal Liner : FF	Accessory 1 : FTRM31	Accessory 2 : PS
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### Coil Options

Coil Option 1 : FUS	Coil Option 2 : IDSW
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### Sound Performance

	Max Radiated Sound Power Levels (dB)							Max Radiated NC	Max Discharge Sound Power Levels (dB)							Max Discharge NC
	Octave Band								Octave Band							
	2	3	4	5	6	7	2		3	4	5	6	7			
Fan Only	57	63	59	59	51	47	34 (4)	62	54	51	48	46	38	--		
Primary Valve Only	59	52	48	45	33	31	22 (4)	67	54	47	44	43	37	20 (2)		

#### Performance Notes:

- Dashes (--) indicate NC values less than 20.
- NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."
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