



Lennox National Accounts Project Submittal

Project Name: Burlington - Nashua, NH
Project Number: 561427
Project Altitude: 151
Project Location:
Nashua, New Hampshire US

Date: 1/26/2024
Quote: 423923A
Roof Top Units: 3
Split Systems: 0

Customer: Burlington Coat Factory
National Account: Burlington Coat Factory

Table of Contents

Tag	Qty	Model	Description
<u>FB657</u>	1	LGT180H4M	LGT180H4M-Y 15T CONF E=12.0
<u>FF703</u>	1	LGT180H4M	LGT180H4M-Y 15T CONF E=12.0
<u>FM878</u>	1	LGT180H4M	LGT180H4M-Y 15T CONF E=12.0
<u>Miscellaneous Items</u>			

Revit® Building Information Modeling (BIM) - [Click here](#)

AutoCAD® Templates - [Click here](#)



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Tag: FB657
Model: LGT180H4M - LGT180H4M-Y 15T CONF E=12.0

UNIT OVERVIEW

Voltage	IEER EER	MCA/MOCP (amp)	Gross Cooling Ttl/Sens (MBH)	Net Cooling Ttl/Sens (MBH)	Supply Air Flow (cfm)	ESP/TSP (in.WC)	EAT DB/WB (°F)	LAT DB/WB (°F)
208V 3Ph 60Hz	15 12	71 / 80	184.4 / 140.1	177.4 / 133.2	6,000	0.50 / 0.71	80.0 / 67.0	57.7 / 56.9

COOLING

Cooling Performance		Temperatures (DB/WB °F)	
Gross Cooling (Ttl/Sens)	184.4 / 140.1 MBH	Ambient	95.0
Net Cooling (Ttl/Sens)	177.4 / 133.2 MBH	Entering	80.0 67.0
Coil Moisture Removal	41.71 lb/hr	Leaving - (Coil)	57.7 56.9
System Moisture Removal	41.71 lb/hr	Leaving - (Unit)	58.8 57.3

ARI Performance		Compressors		Refrigerant		Condensate Drain	
ARI Cooling	176.0 / 172.0 MBH	Cooling Stages	3	Type	R-410A	Qty	1
ARI Power	14,300 W	Compressor Qty	3	Charge	0.0	Size	1 in.
		Compressor RLA	39.9 amp			Pipe Thread	FPT

HUMIDITROL - HOT GAS REHEAT

Humiditrol Dehumidification Performance		Temperatures (DB/WB °F)	
Gross Cooling - Stage 1(Ttl/Sens)	33.4 / 14.0 MBH	Ambient	95.0
Gross Cooling - Stage 2 (Ttl/Sens)	66.5 / 28.6 MBH	Entering	80.0 67.0
Moisture Removal - Stage 1	18.3 lb/hr	Leaving - (Stage 1)	
Moisture Removal - Stage 2	35.7 lb/hr		

HEATING

Heating Performance		Temperatures (DB/WB °F)		Specifications	
Output (High/Low)	292.0 / 95.0 MBH	Leaving	45.1	Heat Stages	2
Input (High/Low)	360.0 / 117.0 MBH			Thermal Efficiency	81.0%
Heat Rise	45.1 °F			Gas Line Size	1 in.
				Gas Pressure	7 in.WC

VENTILATION

Air Flow (cfm)		Supply Fan		Air Resistance (in.WC)	
Supply	6,000	Nominal Power	5.00 hp	Total	0.71
		Required Power	2.40 hp	Ext Supply	0.50
		Drive Type	MSAV Belt Drive		
		RPM Range	685 - 856 rpm		
		Required RPM	751 rpm		

AIR RESISTANCE - OPTIONS/ACCESSORIES (in.WC)

Wet Coil	Humiditrol	Heat	Economizer	Filters	Diffuser	Exhaust	ERW
0.03	0.03	0.12		0.03			

ELECTRICAL

Voltage	208V 3Ph / 60Hz	Compressor RLA	39.9 amp
MCA	71 amp	Cooling FLA Total	67.0 amp
MOCP	80 amp	Condenser FLA	10.4 amp
Condenser Power	1500 W	Supply Fan FLA	16.7 amp
Oper Range-Nom Volt	+/- 10%		

ADDITIONAL DATA

Cabinet	132.62 in. x 91.12 in. x 54.25 in.	Total Weight	2,419 lb
Downflow Supply	20.0 in. x 28.0 in.	Base Unit Net Weight	2,128 lb
Downflow Return	15.0 in. x 60.5 in.	OAS/Econ Weight	167 lb
Filters	(6) 24.0 in. x 24.0 in. x 2.0 in.	Exhaust Weight	20 lb
Sound Rating	93 dBA	Humiditrol Weight	50 lb



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	Gas Heat Weight Coil Hail Guard Weight	18 lb 36 lb
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Tag: FB657

Factory Installed Options

High Performance Economizer Upgrade Factory Installed
Single Enthalpy High Performance Economizer
Belt Drive
Unit Orientation Downflow
Supply Fan: Multi-Stage Air Volume Belt
208/220/230/240V 3Phase
80Amp Disconnect Factory Installed
Built-in BACnet IP and MS/TP (standard)
Supply Motor - 5.0 Hp Std- w/ MSAV
Supply Drive Kit 3 (685-856 RPM)
Barometric Relief Damper Factory Installed
360K A.S. (Dual Stage)
Combination Coil/Hail Guards Factory Installed
Hinged Access Doors Factory Installed
15A GFCI Factory Installed/Field Wired
Environ Condenser Coil System Factory Installed
Humiditrol Factory Installed
2" MERV8 - Filter Factory installed

Product Features

Cabinet

Hinged Access Panels
Durable Outdoor Enamel Paint Finish
Totally Enclosed Outdoor Fan Motor
PVC Coated Fan Guard
Corrosion-Resistant Drain Pan
Isolated Compressor Compartment

Cooling System

Scroll Compressor
Expansion Valves
High Capacity Driers
Crankcase Heater
System can operate from 0°F to 125°F without any additional controls
Pre-charged Refrigeration System
Timed Off Control
Internal Pressure Relief Valve
Building Automation Integrated Control - Up to 3 Stages of Cooling
Humiditrol - Hot Gas Reheat Dehumidification System

Heating System

Redundant Automatic Gas Valve with Manual Shut-off
Electronic Flame Sensor
Direct Spark Ignition
Inshot Burners
AGA-CGA Certified

Control System

Fan and Limit Controls
Overload Protection
Microprocessor Controls – Lennox® CORE Control System
Auto reset high & low pressure switch with strike 3 lockout feature in Lennox® CORE Control System
Built-in BACnet IP & MS/TP
Phase/Voltage Detection
Return Air Sensor Factory Installed
Outdoor Air Sensor Factory Installed
Factory Installed Discharge Air Sensor

Compliance

Components are Bonded for Grounding
Factory Test Operated
All models are ASHRAE 90.1-2019 energy efficiency compliant and meet or exceed requirements of Section 6.8
All models meet DOE 2018 and 2023 energy efficiency standards
Model meets California Code of Regulations, Title 24 and ASHRAE 90.1-2016 Section 6.4.3.10 requirements for staged airflow



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Model meets HCAI (formerly OSHPD) OSP and Special Seismic Certification (Number: OSP-0596) and meet 2018 International Building Code (IBC), 2019 California Building Code (CBC) ASCE 7, and ICC-ES AC156
ISO 9001 Registered Manufacturing Quality System

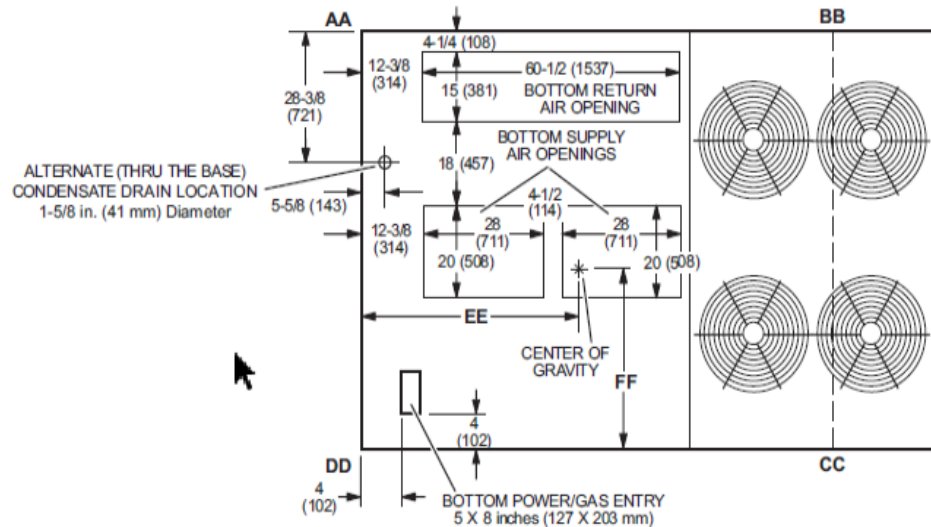
Warranty

Limited warranty on aluminized heat exchanger of 10 years
Limited warranty on compressor of 5 years
Limited warranty on Environ Coil System of 3 years
Limited warranty on High Performance Economizer of 5 years
Limited warranty on all other components of 1 year
See Limited Warranty Certificate included with unit for details
Limited warranty on Lennox® CORE Control System of 3 years

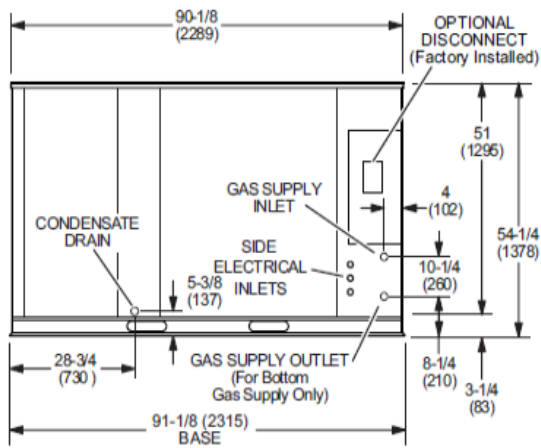


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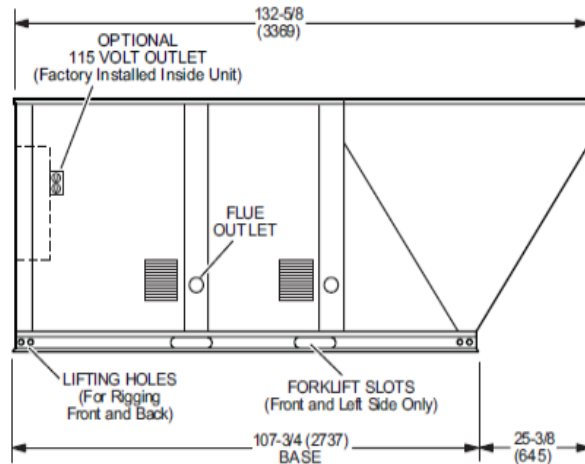
Corner Weights (lb)								Center of Gravity (in.)			
AA		BB		CC		DD		EE		FF	
Base	Max	Base	Max	Base	Max	Base	Max	Base	Max	Base	Max
483	596	435	517	574	604	636	696	51.10	50.06	39.30	42.03



TOP VIEW



END VIEW

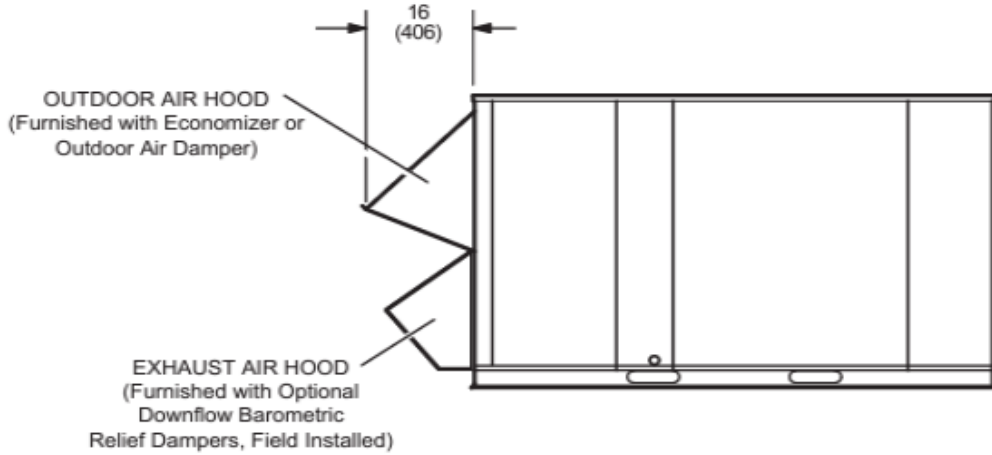


SIDE VIEW

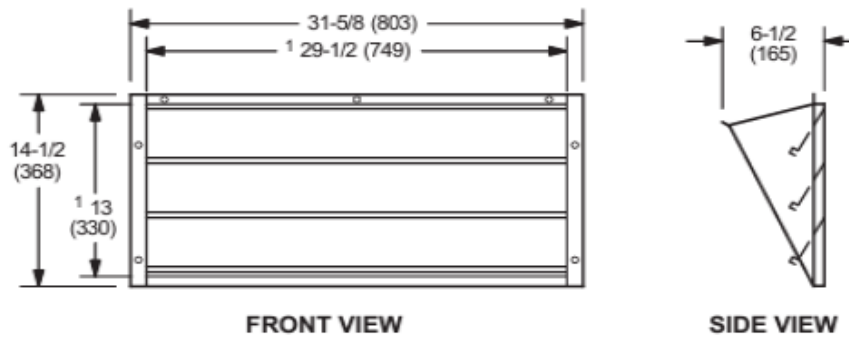


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OUTDOOR AIR HOOD DETAIL



OPTIONAL HORIZONTAL BAROMETRIC RELIEF DAMPERS WITH HOOD (Field installed in horizontal return air duct adjacent to unit)

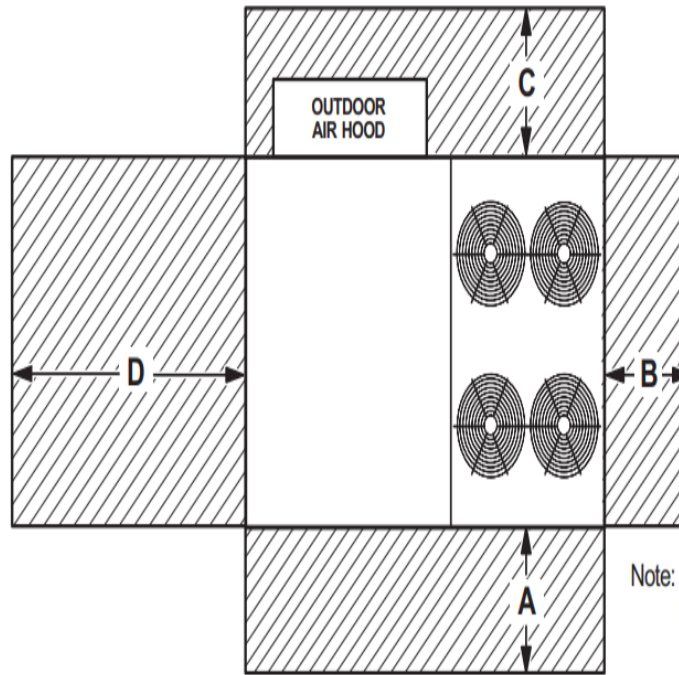


NOTE - Two furnished per order no.
1 NOTE - Opening size required in return air duct.



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Unit With Economizer



Note: Models with four outdoor fans shown.
Dimension clearances are for all sizes.

1 Unit Clearance	A		B		C		D		Top Clearance
	in.	mm	in.	mm	in.	mm	in.	mm	
Service Clearance	60	1524	36	914	36	934	66	1676	Unobstructed
Clearance to Combustibles	36	914	1	25	1	25	1	25	
Minimum Operation Clearance	45	1143	36	914	36	914	41	1041	

NOTE - Entire perimeter of unit base requires support when elevated above the mounting surface.

¹ **Service Clearance** - Required for removal of serviceable parts.

Clearance to Combustibles - Required clearance to combustible material.

Minimum Operation Clearance - Required clearance for proper unit operation.



Lennox National Accounts Project Submittal

Tag: FF703

Model: LGT180H4M - LGT180H4M-Y 15T CONF E=12.0

UNIT OVERVIEW

Voltage	IEER EER	MCA/MOCP (amp)	Gross Cooling Ttl/Sens (MBH)	Net Cooling Ttl/Sens (MBH)	Supply Air Flow (cfm)	ESP/TSP (in.WC)	EAT DB/WB (°F)	LAT DB/WB (°F)
208V 3Ph 60Hz	15 12	71 / 80	187.4 / 145.5	177.7 / 135.8	6,500	0.70 / 0.95	80.0 / 67.0	58.6 / 57.5

COOLING

Cooling Performance		Temperatures (DB/WB °F)		
Gross Cooling (Ttl/Sens)	187.4 / 145.5 MBH	Ambient	95.0	
Net Cooling (Ttl/Sens)	177.7 / 135.8 MBH	Entering	80.0	67.0
Coil Moisture Removal	39.45 lb/hr	Leaving - (Coil)	58.6	57.5
System Moisture Removal	39.45 lb/hr	Leaving - (Unit)	60.1	58.1

ARI Performance		Compressors		Refrigerant		Condensate Drain	
ARI Cooling	176.0 / 172.0 MBH	Cooling Stages	3	Type	R-410A	Qty	1
ARI Power	14,300 W	Compressor Qty	3	Charge	0.0	Size	1 in.
		Compressor RLA	39.9 amp			Pipe Thread	FPT

HUMIDITROL - HOT GAS REHEAT

Humiditrol Dehumidification Performance		Temperatures (DB/WB °F)		
Gross Cooling - Stage 1(Ttl/Sens)	33.6 / 15.8 MBH	Ambient	95.0	
Gross Cooling - Stage 2 (Ttl/Sens)	65.5 / 30.6 MBH	Entering	80.0	67.0
Moisture Removal - Stage 1	16.8 lb/hr	Leaving - (Stage 1)	77.6	65.4
Moisture Removal - Stage 2	32.9 lb/hr	Leaving - (Stage 2)	75.5	63.9

HEATING

Heating Performance		Temperatures (DB/WB °F)		Specifications		
Output (High/Low)	292.0 / 95.0 MBH	Leaving	41.6		Heat Stages	2
Input (High/Low)	360.0 / 117.0 MBH				Thermal Efficiency	81.0%
Heat Rise	41.6 °F				Gas Line Size	1 in.
					Gas Pressure	7 in.WC

VENTILATION

Air Flow (cfm)		Supply Fan		Air Resistance (in.WC)	
Supply	6,500	Nominal Power	5.00 hp	Total	0.95
		Required Power	3.34 hp	Ext Supply	0.70
		Drive Type	MSAV Belt Drive		
		RPM Range	685 - 856 rpm		
		Required RPM	854 rpm		

AIR RESISTANCE - OPTIONS/ACCESSORIES (in.WC)

Wet Coil	Humiditrol	Heat	Economizer	Filters	Diffuser	Exhaust	ERW
0.03	0.04	0.13	0.02	0.03			

ELECTRICAL

Voltage	208V 3Ph / 60Hz	Compressor RLA	39.9 amp
MCA	71 amp	Cooling FLA Total	67.0 amp
MOCP	80 amp	Condenser FLA	10.4 amp
Condenser Power	1500 W	Supply Fan FLA	16.7 amp
Oper Range-Nom Volt	+/- 10%		

ADDITIONAL DATA

Cabinet	132.62 in. x 91.12 in. x 54.25 in.	Total Weight	2,419 lb
Downflow Supply	20.0 in. x 28.0 in.	Base Unit Net Weight	2,128 lb
Downflow Return	15.0 in. x 60.5 in.	OAS/Econ Weight	167 lb
Filters	(6) 24.0 in. x 24.0 in. x 2.0 in.	Exhaust Weight	20 lb
Sound Rating	93 dBA	Humiditrol Weight	50 lb



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	Gas Heat Weight Coil Hail Guard Weight	18 lb 36 lb
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Tag: FF703

Factory Installed Options

High Performance Economizer Upgrade Factory Installed
Single Enthalpy High Performance Economizer
Belt Drive
Unit Orientation Downflow
Supply Fan: Multi-Stage Air Volume Belt
208/220/230/240V 3Phase
80Amp Disconnect Factory Installed
Built-in BACnet IP and MS/TP (standard)
Supply Motor - 5.0 Hp Std- w/ MSAV
Supply Drive Kit 3 (685-856 RPM)
Barometric Relief Damper Factory Installed
360K A.S. (Dual Stage)
Combination Coil/Hail Guards Factory Installed
Hinged Access Doors Factory Installed
15A GFCI Factory Installed/Field Wired
Environ Condenser Coil System Factory Installed
Humiditrol Factory Installed
2" MERV8 - Filter Factory installed

Product Features

Cabinet

Hinged Access Panels
Durable Outdoor Enamel Paint Finish
Totally Enclosed Outdoor Fan Motor
PVC Coated Fan Guard
Corrosion-Resistant Drain Pan
Isolated Compressor Compartment

Cooling System

Scroll Compressor
Expansion Valves
High Capacity Driers
Crankcase Heater
System can operate from 0°F to 125°F without any additional controls
Pre-charged Refrigeration System
Timed Off Control
Internal Pressure Relief Valve
Building Automation Integrated Control - Up to 3 Stages of Cooling
Humiditrol - Hot Gas Reheat Dehumidification System

Heating System

Redundant Automatic Gas Valve with Manual Shut-off
Electronic Flame Sensor
Direct Spark Ignition
Inshot Burners
AGA-CGA Certified

Control System

Fan and Limit Controls
Overload Protection
Microprocessor Controls – Lennox® CORE Control System
Auto reset high & low pressure switch with strike 3 lockout feature in Lennox® CORE Control System
Built-in BACnet IP & MS/TP
Phase/Voltage Detection
Return Air Sensor Factory Installed
Outdoor Air Sensor Factory Installed
Factory Installed Discharge Air Sensor

Compliance

Components are Bonded for Grounding
Factory Test Operated
All models are ASHRAE 90.1-2019 energy efficiency compliant and meet or exceed requirements of Section 6.8
All models meet DOE 2018 and 2023 energy efficiency standards
Model meets California Code of Regulations, Title 24 and ASHRAE 90.1-2016 Section 6.4.3.10 requirements for staged airflow



Lennox National Accounts Project Submittal

Model meets HCAI (formerly OSHPD) OSP and Special Seismic Certification (Number: OSP-0596) and meet 2018 International Building Code (IBC), 2019 California Building Code (CBC) ASCE 7, and ICC-ES AC156
ISO 9001 Registered Manufacturing Quality System

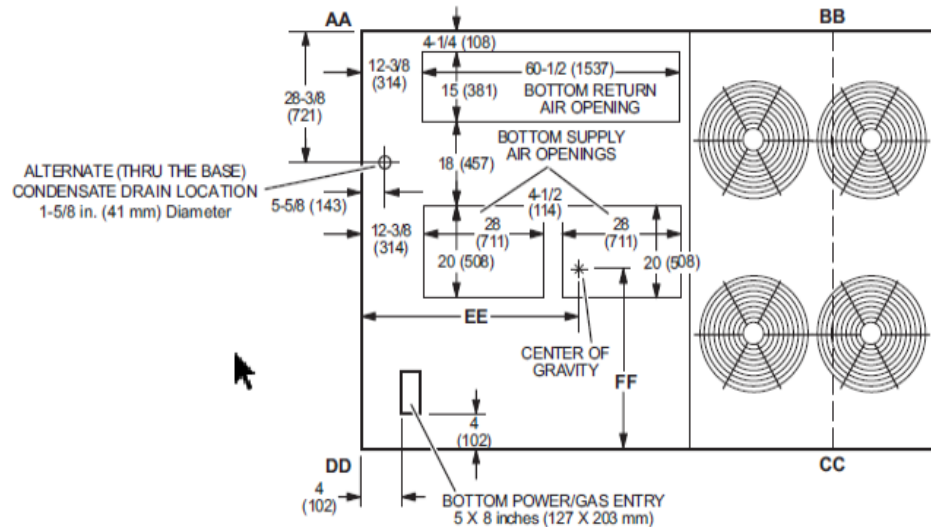
Warranty

Limited warranty on aluminized heat exchanger of 10 years
Limited warranty on compressor of 5 years
Limited warranty on Environ Coil System of 3 years
Limited warranty on High Performance Economizer of 5 years
Limited warranty on all other components of 1 year
See Limited Warranty Certificate included with unit for details
Limited warranty on Lennox® CORE Control System of 3 years

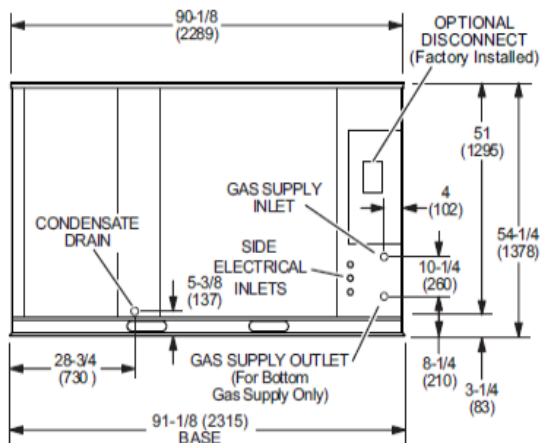


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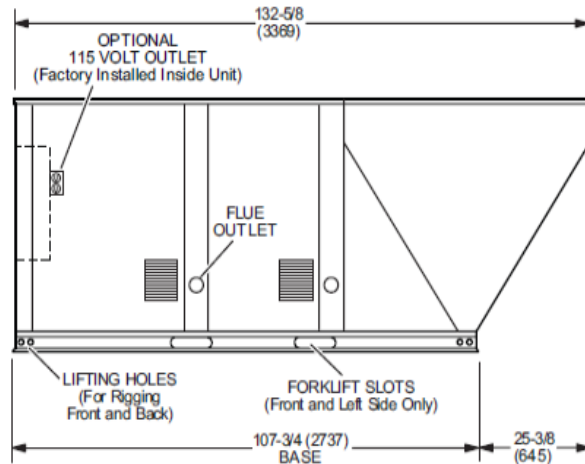
Corner Weights (lb)								Center of Gravity (in.)			
AA		BB		CC		DD		EE		FF	
Base	Max	Base	Max	Base	Max	Base	Max	Base	Max	Base	Max
483	596	435	517	574	604	636	696	51.10	50.06	39.30	42.03



TOP VIEW



END VIEW

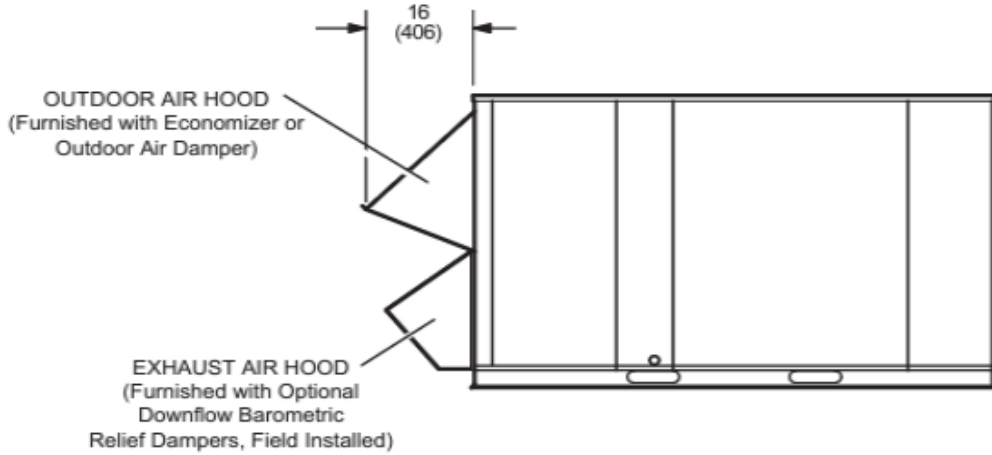


SIDE VIEW

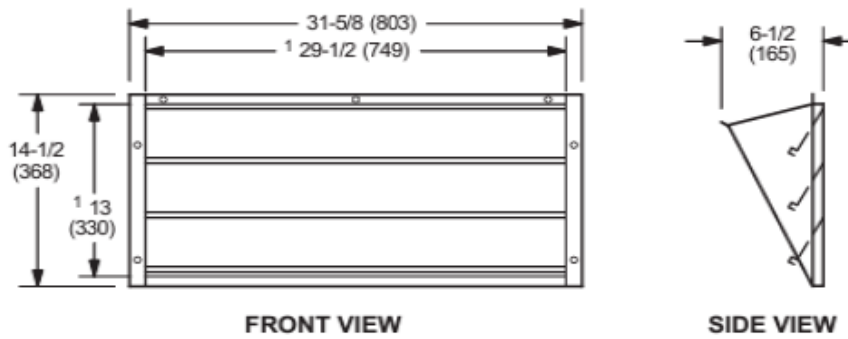


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OUTDOOR AIR HOOD DETAIL



OPTIONAL HORIZONTAL BAROMETRIC RELIEF DAMPERS WITH HOOD (Field installed in horizontal return air duct adjacent to unit)

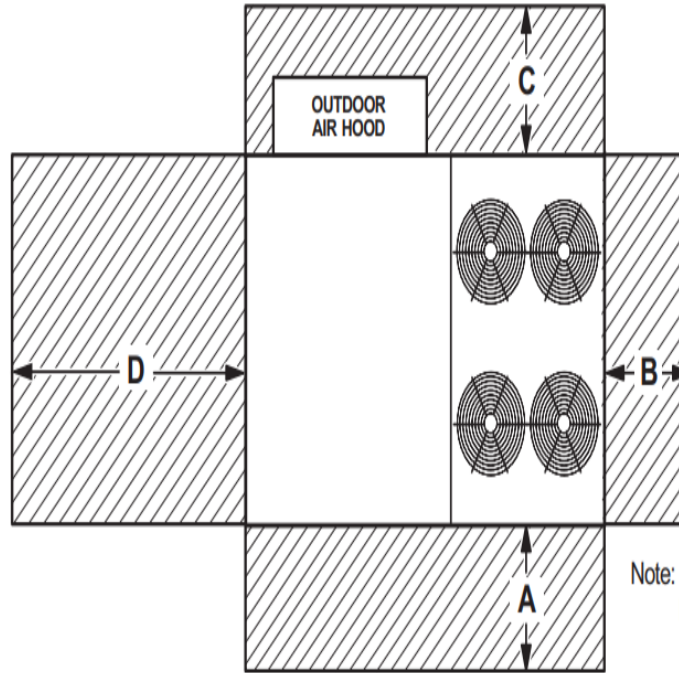


NOTE - Two furnished per order no.
1 NOTE - Opening size required in return air duct.



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Unit With Economizer



Note: Models with four outdoor fans shown.
Dimension clearances are for all sizes.

¹ Unit Clearance	A		B		C		D		Top Clearance
	in.	mm	in.	mm	in.	mm	in.	mm	
Service Clearance	60	1524	36	914	36	934	66	1676	Unobstructed
Clearance to Combustibles	36	914	1	25	1	25	1	25	
Minimum Operation Clearance	45	1143	36	914	36	914	41	1041	

NOTE - Entire perimeter of unit base requires support when elevated above the mounting surface.

¹ **Service Clearance** - Required for removal of serviceable parts.

Clearance to Combustibles - Required clearance to combustible material.

Minimum Operation Clearance - Required clearance for proper unit operation.



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Tag: FM878
Model: LGT180H4M - LGT180H4M-Y 15T CONF E=12.0

UNIT OVERVIEW

Voltage	IEER EER	MCA/MOCP (amp)	Gross Cooling Ttl/Sens (MBH)	Net Cooling Ttl/Sens (MBH)	Supply Air Flow (cfm)	ESP/TSP (in.WC)	EAT DB/WB (°F)	LAT DB/WB (°F)
208V 3Ph 60Hz	15 12	71 / 80	190.4 / 151.1	176.1 / 136.7	7,000	1.00 / 1.39	80.0 / 67.0	59.4 / 58.1

COOLING

Cooling Performance		Temperatures (DB/WB °F)	
Gross Cooling (Ttl/Sens)	190.4 / 151.1 MBH	Ambient	95.0
Net Cooling (Ttl/Sens)	176.1 / 136.7 MBH	Entering	80.0
Coil Moisture Removal	37.09 lb/hr	Leaving - (Coil)	59.4
System Moisture Removal	37.09 lb/hr	Leaving - (Unit)	61.4
			58.9

ARI Performance		Compressors		Refrigerant		Condensate Drain	
ARI Cooling	176.0 / 172.0 MBH	Cooling Stages	3	Type	R-410A	Qty	1
ARI Power	14,300 W	Compressor Qty	3	Charge	0.0	Size	1 in.
		Compressor RLA	39.9 amp			Pipe Thread	FPT

HUMIDITROL - HOT GAS REHEAT

Humiditrol Dehumidification Performance		Temperatures (DB/WB °F)	
Gross Cooling - Stage 1(Ttl/Sens)	33.9 / 17.6 MBH	Ambient	95.0
Gross Cooling - Stage 2 (Ttl/Sens)	64.5 / 32.6 MBH	Entering	80.0
Moisture Removal - Stage 1	15.3 lb/hr	Leaving - (Stage 1)	77.6
Moisture Removal - Stage 2	30.1 lb/hr	Leaving - (Stage 2)	75.5
			64.2

HEATING

Heating Performance		Temperatures (DB/WB °F)		Specifications	
Output (High/Low)	389.0 / 126.0 MBH	Leaving	51.5	Heat Stages	2
Input (High/Low)	480.0 / 156.0 MBH			Thermal Efficiency	81.0%
Heat Rise	51.5 °F			Gas Line Size	1 in.
				Gas Pressure	7 in.WC

VENTILATION

Air Flow (cfm)		Supply Fan		Air Resistance (in.WC)	
Supply	7,000	Nominal Power	5.00 hp	Total	1.39
		Required Power	4.93 hp	Ext Supply	1.00
		Drive Type	MSAV Belt Drive		
		RPM Range	850 - 1,045 rpm		
		Required RPM	1,002 rpm		

AIR RESISTANCE - OPTIONS/ACCESSORIES (in.WC)

Wet Coil	Humiditrol	Heat	Economizer	Filters	Diffuser	Exhaust	ERW
0.04	0.04	0.19	0.04	0.08			

ELECTRICAL

Voltage	208V 3Ph / 60Hz	Compressor RLA	39.9 amp
MCA	71 amp	Cooling FLA Total	67.0 amp
MOCP	80 amp	Condenser FLA	10.4 amp
Condenser Power	1500 W	Supply Fan FLA	16.7 amp
Oper Range-Nom Volt	+/- 10%		

ADDITIONAL DATA

Cabinet	132.62 in. x 91.12 in. x 54.25 in.	Total Weight	2,465 lb
Downflow Supply	20.0 in. x 28.0 in.	Base Unit Net Weight	2,128 lb
Downflow Return	15.0 in. x 60.5 in.	OAS/Econ Weight	167 lb
Filters	(6) 24.0 in. x 24.0 in. x 2.0 in.	Exhaust Weight	20 lb
Sound Rating	93 dBA	Humiditrol Weight	50 lb



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	Gas Heat Weight Coil Hail Guard Weight	64 lb 36 lb
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Tag: FM878

Factory Installed Options

High Performance Economizer Upgrade Factory Installed
Single Enthalpy High Performance Economizer
Belt Drive
Unit Orientation Downflow
Supply Fan: Multi-Stage Air Volume Belt
208/220/230/240V 3Phase
80Amp Disconnect Factory Installed
Built-in BACnet IP and MS/TP (standard)
Supply Motor - 5.0 Hp Std- w/ MSAV
Supply Drive Kit 4 (850-1045 RPM)
Barometric Relief Damper Factory Installed
480K S.S. (Dual Stage)
Combination Coil/Hail Guards Factory Installed
Hinged Access Doors Factory Installed
15A GFCI Factory Installed/Field Wired
Return Air Smoke Detector Factory Installed
Environ Condenser Coil System Factory Installed
Drain Pan Overflow Switch Factory Installed
Humiditrol Factory Installed
2" Pleat MERV13 - Filter Factory Installed

Product Features

Cabinet

Hinged Access Panels
Durable Outdoor Enamel Paint Finish
Totally Enclosed Outdoor Fan Motor
PVC Coated Fan Guard
Corrosion-Resistant Drain Pan
Isolated Compressor Compartment

Cooling System

Scroll Compressor
Expansion Valves
High Capacity Driers
Crankcase Heater
System can operate from 0°F to 125°F without any additional controls
Pre-charged Refrigeration System
Timed Off Control
Internal Pressure Relief Valve
Building Automation Integrated Control - Up to 3 Stages of Cooling
Humiditrol - Hot Gas Reheat Dehumidification System

Heating System

Redundant Automatic Gas Valve with Manual Shut-off
Electronic Flame Sensor
Direct Spark Ignition
Inshot Burners
AGA-CGA Certified

Control System

Fan and Limit Controls
Overload Protection
Microprocessor Controls – Lennox® CORE Control System
Auto reset high & low pressure switch with strike 3 lockout feature in Lennox® CORE Control System
Built-in BACnet IP & MS/TP
Phase/Voltage Detection
Return Air Sensor Factory Installed
Outdoor Air Sensor Factory Installed
Factory Installed Discharge Air Sensor

Compliance

Components are Bonded for Grounding
Factory Test Operated
All models are ASHRAE 90.1-2019 energy efficiency compliant and meet or exceed requirements of Section 6.8



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All models meet DOE 2018 and 2023 energy efficiency standards

Model meets California Code of Regulations, Title 24 and ASHRAE 90.1-2016 Section 6.4.3.10 requirements for staged airflow

Model meets HCAI (formerly OSHPD) OSP and Special Seismic Certification (Number: OSP-0596) and meet 2018 International Building Code (IBC), 2019

California Building Code (CBC) ASCE 7, and ICC-ES AC156

ISO 9001 Registered Manufacturing Quality System

Warranty

Limited warranty on stainless steel heat exchanger of 15 years

Limited warranty on compressor of 5 years

Limited warranty on Environ Coil System of 3 years

Limited warranty on High Performance Economizer of 5 years

Limited warranty on all other components of 1 year

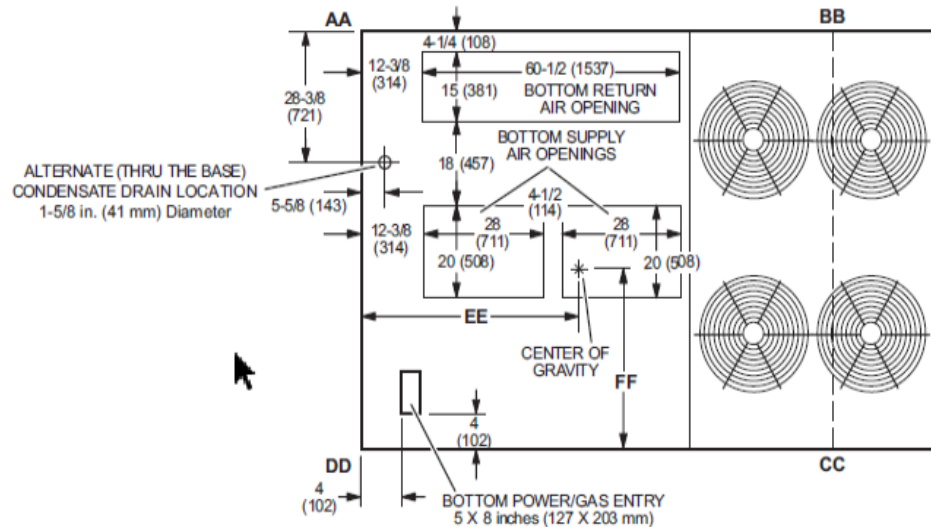
See Limited Warranty Certificate included with unit for details

Limited warranty on Lennox® CORE Control System of 3 years

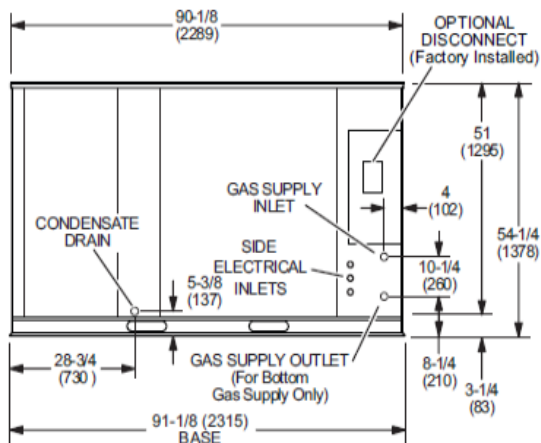


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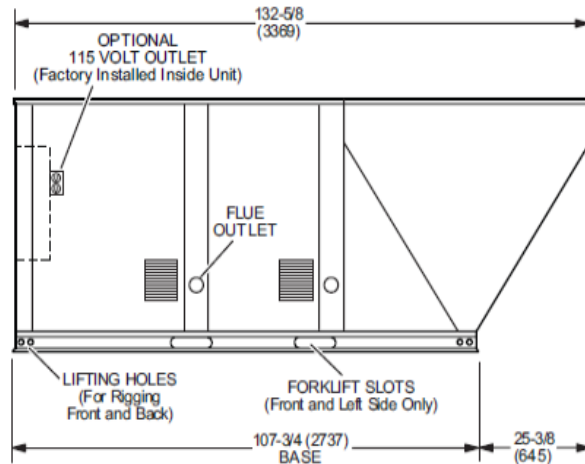
Corner Weights (lb)								Center of Gravity (in.)			
AA		BB		CC		DD		EE		FF	
Base	Max	Base	Max	Base	Max	Base	Max	Base	Max	Base	Max
483	596	435	517	574	604	636	696	51.10	50.06	39.30	42.03



TOP VIEW



END VIEW

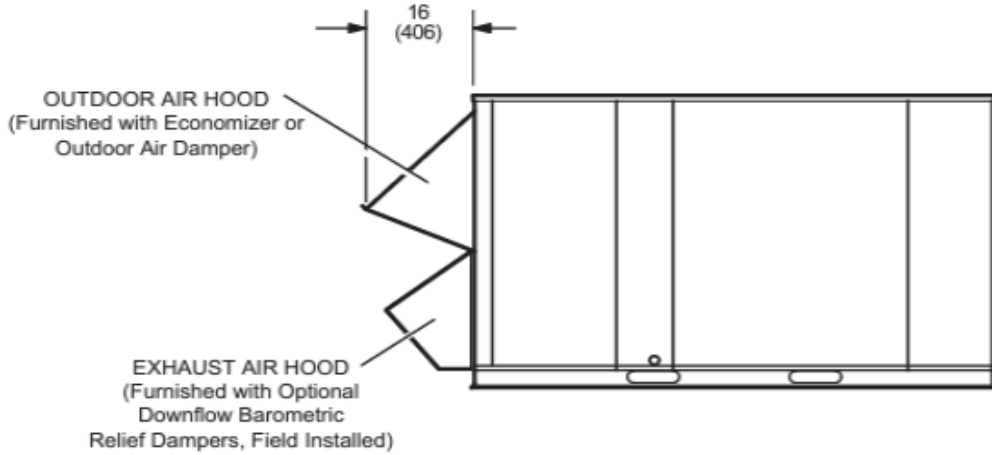


SIDE VIEW

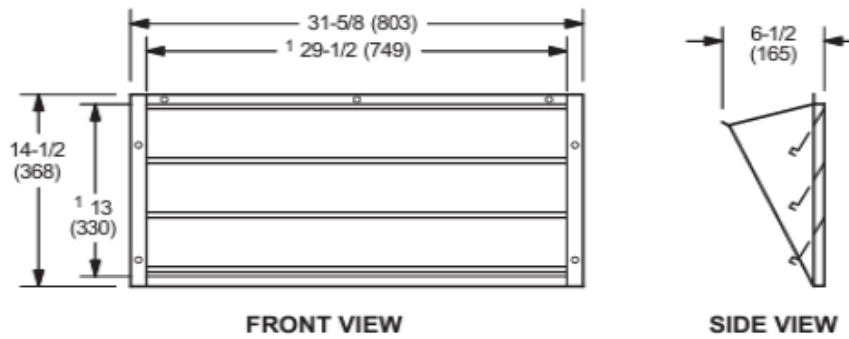


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OUTDOOR AIR HOOD DETAIL



OPTIONAL HORIZONTAL BAROMETRIC RELIEF DAMPERS WITH HOOD (Field installed in horizontal return air duct adjacent to unit)

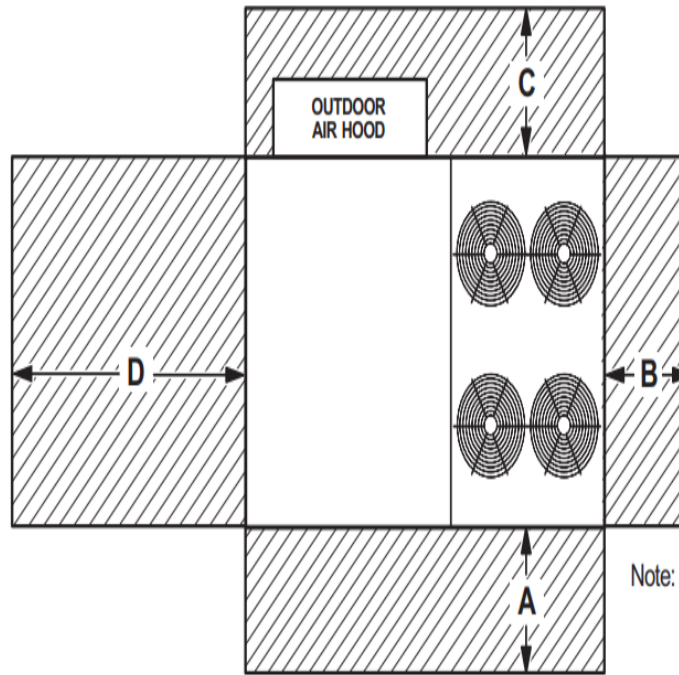


NOTE - Two furnished per order no.
¹ NOTE - Opening size required in return air duct.



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Unit With Economizer



Note: Models with four outdoor fans shown.
Dimension clearances are for all sizes.

¹ Unit Clearance	A		B		C		D		Top Clearance
	in.	mm	in.	mm	in.	mm	in.	mm	
Service Clearance	60	1524	36	914	36	934	66	1676	Unobstructed
Clearance to Combustibles	36	914	1	25	1	25	1	25	
Minimum Operation Clearance	45	1143	36	914	36	914	41	1041	

NOTE - Entire perimeter of unit base requires support when elevated above the mounting surface.

¹ **Service Clearance** - Required for removal of serviceable parts.

Clearance to Combustibles - Required clearance to combustible material.

Minimum Operation Clearance - Required clearance for proper unit operation.



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Tag: Miscellaneous Items

Miscellaneous Items

Tag	Catalog Number	Qty	Description
Accessories			
	22H90	3	Power Exhaust Fan Field Installed
	10C89	3	Weatherproof GFCI Cover Field Installed
	21W06	3	RH & Temp Combo Field Installed