



# Submittal

**Prepared For:**  
All Bidders

**Date:** May 09, 2022

**Job Name:**  
Skyhaven - Metro

---

Trane U.S. Inc. is pleased to provide the following submittal for your review and approval.

## Product Summary

### Qty Product

11	Variable Air Volume Single Duct Terminal Units
----	--

---

**Jay Patterson**  
**Trane U.S. Inc.**  
11211 Lakeview Avenue  
Lenexa, KS 66219  
Office Phone: (913) 599-4664

*The attached information describes the equipment we propose to furnish for this project, and is submitted for your approval.*

*Product performance and submittal data is valid for a period of 6 months from the date of submittal generation. If six months or more has elapsed between submittal generation and equipment release, the product performance and submittal data will need to be verified. It is the customer's responsibility to obtain such verification.*

## Table of Contents

<b>Product Summary</b> .....	<b>1</b>
<b>Variable Air Volume Single Duct Terminal Units (Items A1 - A11)</b> .....	<b>3</b>
Tag Data .....	3
Product Data.....	3
Performance Data.....	5
Mechanical Specifications .....	6
Dimensional Drawings .....	8
Accessory .....	13
Field Wiring.....	15
<b>Field Installed Options - Part/Order Number Summary</b> .....	<b>17</b>
Variable Air Volume Single Duct Terminal Units .....	17

**Tag Data - Variable Air Volume Single Duct Terminal Units (Qty: 11)**

Item	Tag(s)	Qty	Description	Model Number
A1	SINGLE-1	1	VAV Single Duct Terminal	VCEF10--*M0SY74A**0*0F2W0B06021
A2	SINGLE-2	1	VAV Single Duct Terminal	VCEF08--*M0SY74A**0*0F2W0B04021
A3	SINGLE-3	1	VAV Single Duct Terminal	VCEF06--*M0SY74A**0*0F2W0B02021
A4	SINGLE-4	1	VAV Single Duct Terminal	VCEF10--*M0SY74A**0*0F2W0B06021
A5	SINGLE-5	1	VAV Single Duct Terminal	VCEF14--*M0SY74A**0*0F2W0B11021
A6	SINGLE-6	1	VAV Single Duct Terminal	VCEF06--*M0SY74A**0*0F2W0B01021
A7	SINGLE-7	1	VAV Single Duct Terminal	VCEF12--*M0SY74A**0*0F2W0B10021
A8	SINGLE-8	1	VAV Single Duct Terminal	VCEF12--*M0SY74A**0*0F2W0B08021
A9	SINGLE-9	1	VAV Single Duct Terminal	VCEF14--*M0SY74A**0*0F2W0B07021
A10	SINGLE-10	1	VAV Single Duct Terminal	VCEF12--*M0SY74A**0*0F2W0B08021
A11	SINGLE-11	1	VAV Single Duct Terminal	VCEF08--*M0SY74A**0*0F2W0B04021

**Product Data - Variable Air Volume Single Duct Terminal Units****All Units**

Space Temperature Modulating Reheat  
 Single duct with electric heat  
 Matte faced insulation - 1/2" (13 mm)  
 SY210 DDC-Basic (Electric heat- staged)  
 MSTP Connection  
 Standard actuator  
 Air - Fi Wireless Communication Module  
 Standard Air Leakage  
 No water valve  
 No piping package  
 None  
 208/24 volt transformer  
 Disconnect switch  
 208 volt, 3 phase  
 Stages - 2 - equal  
 24vac magnetic contactors  
 Trane Air-Fi - WCS-SD (display) (Field Installed)

**Item: A1, A4 Qty: 2 Tag(s): SINGLE-1, SINGLE-4**

10" inlet size, 1400 cfm (254mm inlet, 661 l/s)  
 Electric heater kW - 6.0

**Item: A2, A11 Qty: 2 Tag(s): SINGLE-2, SINGLE-11**

8" inlet size, 900 cfm (203mm inlet, 425 l/s)  
 Electric heater kW - 4.0

**Item: A3 Qty: 1 Tag(s): SINGLE-3**

6" inlet size, 500 cfm (152mm inlet, 236 l/s)  
 Electric heater kW - 2.0

**Item: A5 Qty: 1 Tag(s): SINGLE-5**

14" inlet size, 3000 cfm (356mm inlet, 1416 l/s)  
 Electric heater kW - 11.0

**Item: A6 Qty: 1 Tag(s): SINGLE-6**

6" inlet size, 500 cfm (152mm inlet, 236 l/s)  
 Electric heater kW - 1.0

**Item: A7 Qty: 1 Tag(s): SINGLE-7**

12" inlet size, 2000 cfm (305mm inlet, 944 l/s)  
 Electric heater kW - 10.0

**Item: A8, A10 Qty: 2 Tag(s): SINGLE-8, SINGLE-10**

12" inlet size, 2000 cfm (305mm inlet, 944 l/s)

Electric heater kW - 8.0

**Item: A9 Qty: 1 Tag(s): SINGLE-9**

14" inlet size, 3000 cfm (356mm inlet, 1416 l/s)

Electric heater kW - 7.0

**Performance Data - Variable Air Volume Single Duct Terminal Units (SINGLE)**

Tags	SINGLE-1	SINGLE-2	SINGLE-3	SINGLE-4	SINGLE-5	SINGLE-6
UCM/UC400/UC210/Symbio 210 address ( )	0	0	0	0	0	0
Design cooling airflow (cfm)	1000	700	370	1030	1860	300
Min cooling airflow (cfm)	200	140	80	210	380	60
Valve heating airflow (cfm)	500	350	190	520	930	150
Cooling inlet diameter	10"	8"	6"	10"	14"	6"
Cooling inlet velocity (ft/min)	1833	2005	1884	1888	1740	1528
APD @ cooling airflow (in H2O)	0.030	0.060	0.120	0.030	0.010	0.080
Elevation (ft)	0.00	0.00	0.00	0.00	0.00	0.00
Full load amps (A)	16.65	11.10	5.55	16.65	30.53	2.78
Min circuit ampacity (A)	20.82	13.88	6.94	20.82	38.17	3.47
Max fuse size (A)	25.00	15.00	15.00	25.00	40.00	15.00
Operating weight (lb)	46.0	38.0	38.0	46.0	60.0	38.0
Run acoustics?	No	No	No	No	No	No
Hot water valves?	None	None	None	None	None	None
Coil heating capacity (MBh)	20.49	13.66	6.83	20.49	37.57	3.42
Room heat loss (MBh)	18.86	12.52	6.21	18.80	34.54	2.93
Room heating setpoint (F)	68.00	68.00	68.00	68.00	68.00	68.00
Primary EDB (F)	65.00	65.00	65.00	65.00	65.00	65.00
Unit LAT (F)	102.77	100.97	98.13	101.32	102.23	85.98
Electric heater kW (kW)	6.00	4.00	2.00	6.00	11.00	1.00

Tags	SINGLE-7	SINGLE-8	SINGLE-9	SINGLE-10	SINGLE-11
UCM/UC400/UC210/Symbio 210 address ( )	0	0	0	0	0
Design cooling airflow (cfm)	1650	1260	2100	1310	680
Min cooling airflow (cfm)	330	260	420	270	140
Valve heating airflow (cfm)	830	630	1050	660	340
Cooling inlet diameter	12"	12"	14"	12"	8"
Cooling inlet velocity (ft/min)	2101	1604	1964	1668	1948
APD @ cooling airflow (in H2O)	0.050	0.030	0.010	0.030	0.060
Elevation (ft)	0.00	0.00	0.00	0.00	0.00
Full load amps (A)	27.76	22.21	19.43	22.21	11.10
Min circuit ampacity (A)	34.70	27.76	24.29	27.76	13.88
Max fuse size (A)	35.00	30.00	25.00	30.00	15.00
Operating weight (lb)	52.0	52.0	60.0	52.0	38.0
Run acoustics?	No	No	No	No	No
Hot water valves?	None	None	None	None	None
Coil heating capacity (MBh)	34.15	27.32	23.91	27.32	13.66
Room heat loss (MBh)	31.45	25.27	20.49	25.17	12.55
Room heating setpoint (F)	68.00	68.00	68.00	68.00	68.00
Primary EDB (F)	65.00	65.00	65.00	65.00	65.00
Unit LAT (F)	102.92	104.97	85.98	103.15	102.03
Electric heater kW (kW)	10.00	8.00	7.00	8.00	4.00

**Mechanical Specifications - Variable Air Volume Single Duct Terminal Units**

**Item: A1 - A11 Qty: 11 Tag(s): SINGLE-1, SINGLE-2, SINGLE-3, SINGLE-4, SINGLE-5, SINGLE-6, SINGLE-7, SINGLE-8, SINGLE-9, SINGLE-10, SINGLE-11**

**General Unit Information**

The unit casing is comprised of 22 gauge galvanized steel. Outlet connection is slip and drive.

Agency Listing - The unit is UL and Canadian UL listed as a room air terminal unit. UL Control # 9N65. All Trane terminal units are AHRI 880 - 98 certified.

**General Unit Clearance**

Allow adequate clearance on control box side of unit to meet NEC. A minimum of one and one half duct diameters of straight duct work, upstream of the air inlet connection, must be present for optimum airflow measurement performance. Upstream duct work should be the same diameter as the primary inlet connection. Allow access to the bottom of unit if Optional Bottom Access Door is selected.

**1/2" Matte - Faced Insulation**

The interior surface of the unit casing is acoustically and thermally lined with 1/2" 1.50 lb.cu. ft. [24.00 kg./cu. m.] composite density glass fiber with 4.0 lb. cu.ft. [64 kg./cu. m.] high density facing. The insulation is UL listed and meets NFPA-90A and UL 181 standards. The insulation R-value is 1.9. All cut edges of insulation are completely encapsulated in metal to prevent erosion.

**Air Valve Size - 06**

Air Valve is 500.0 cfm 6" inlet.

**Air Valve Size - 08**

Air Valve is 900.0 cfm 8" inlet.

**Air Valve Size - 10**

Air Valve is 1400.0 cfm 10" inlet.

**Air Valve Size - 12**

Air Valve is 2000.0 cfm 12" inlet.

**Air Valve Size - 14**

Air Valve is 3000.0 cfm 14" inlet.

**Air Valve Round**

The air inlet connection is an 18 gauge galvanized steel cylinder sized to fit standard round duct. A multiple point, averaging flow sensing ring is provided with balancing taps for measuring within +/- 5% of unit cataloged airflow. An airflow versus pressure differential calibration chart is provided. The damper blade is constructed of a closed cell foam seal mechanically locked between two 22 gauge galvanized steel disks. The damper blade assembly is connected through a cast zinc stub axle and shaft supported by self lubricating bearings. The shaft is cast with a damper position indicator. The valve assembly includes a mechanical stop to prevent over stroking. At 4.0" w.g. air valve leakage does not exceed 1% of cataloged airflow.

**Power Disconnect Switch (for VCEF)**

A factory provided interlocking door disconnect switch located on the electric heater control panel.

**Slip & Drive Connection**

A slip and drive connection has two straight flanges on the top and bottom, and two drive connections on the left and right sides. This is a standard option on all VAV single duct terminal units.

**Electric Heat Coil**

Factory provided and mounted resistance open-coil type heater with airflow switch, a disc-type automatic pilot duty thermal primary cutoff, and manually resettable pilot-duty thermal secondary cutoff with associated backup contactor. Heater element material is type C nickel-chromium alloy. The heater terminal box is provided with 7/8" knockouts for customer power supply. Terminal connections are plated steel with ceramic insulators. Unit is Flippable for both Left and Right hand control access, except with mercury contactor option.

**Magnetic Contactor**

An electric heater 24 volt contact for use with Direct Digital Control (D.D.C.) or Analog Electronic VAV Controls.

**Electric Heat Transformer**

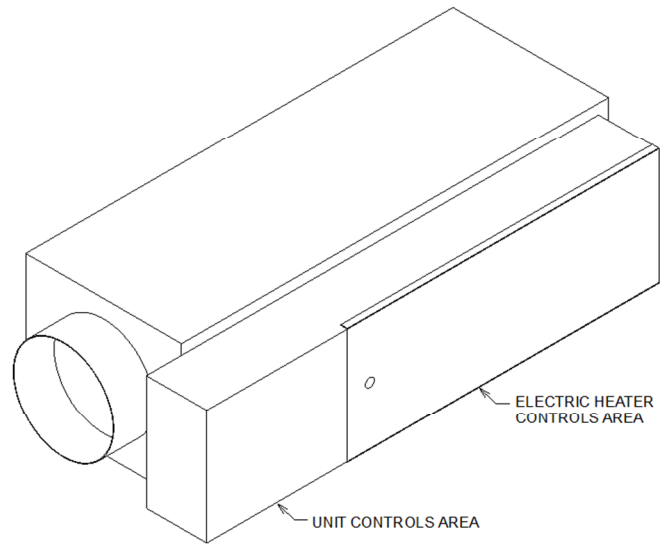
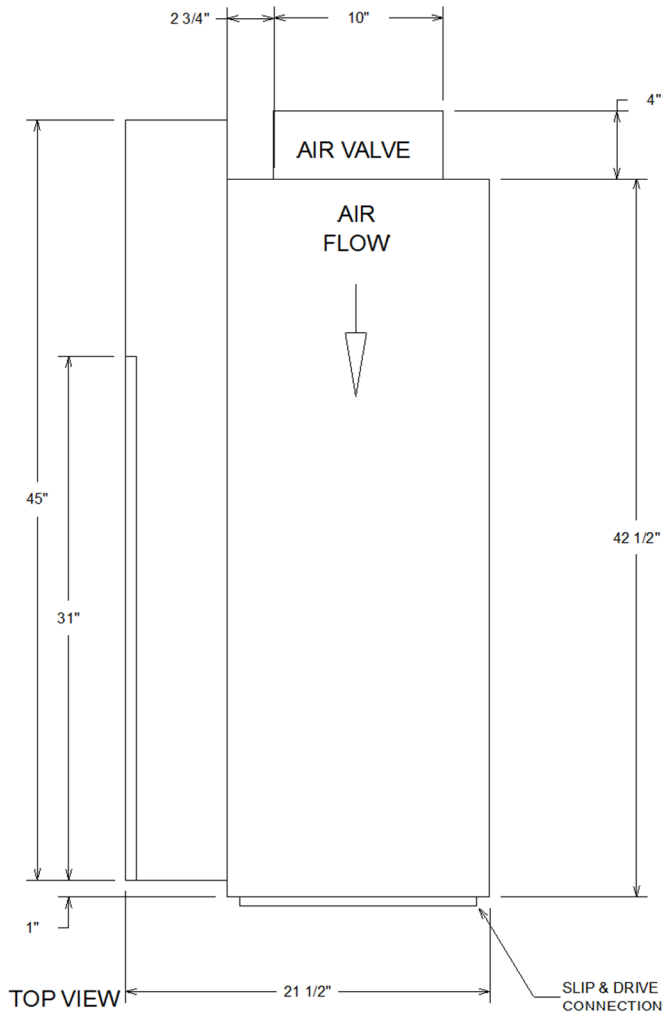
A 50VA or 75VA class 2 transformer will be an integral component of the heater control panel dependent on unit load requirements to provide 24 VAC for controls.

**D.D.C. Floating Point Actuator**

Trane 3 wire, (open, close, common) 26GA when 6-pos amp connector is used for Tracer UC210, VV550, or VAV UCM, otherwise 18GA wires are used. 3.4 VA, 1.7W, 24 VAC, 50/60 Hz. Quarter turn control actuator with linkage release button. Actuator has a constant drive rate independent of load, a rated torque of 35 in-lb, a 90-second drive time and is non-spring return. Travel is terminated by end stops at fully opened and closed positions. An integral magnetic clutch eliminates motor stall. An integral 3 screw terminal block is provided for field wiring. Operating temperature 32.0 F to 125.0 F.

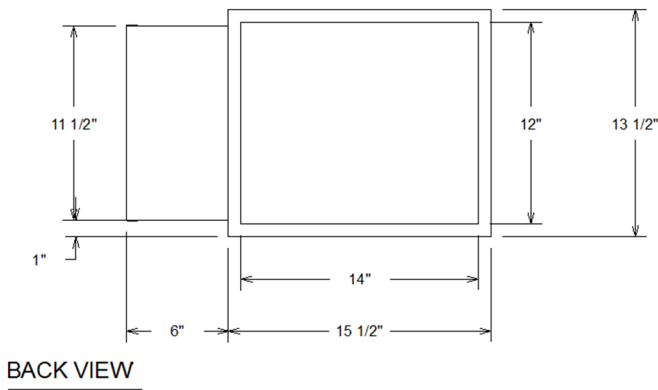
**Dimensional Drawings - Variable Air Volume Single Duct Terminal Units**

Item: A1, A4 Qty: 2 Tag(s): SINGLE-1, SINGLE-4



Customer Notes

1. Air Inlet is centered in unit front panel.
2. Slip & Drive discharge outlet standard.
3. Minimum of 1.5 times duct diameter of straight duct at inlet for proper flow reading.
4. For electric heater access, side hinged door must have minimum distance per NEC or local code.
5. Allow 48" of straight duct downstream of unit before first runout & inside of the duct should be equal discharge size. (A & B)
6. Left-hand orientation shown. (Facing discharge)  
Unit can be flipped to right-hand orientation

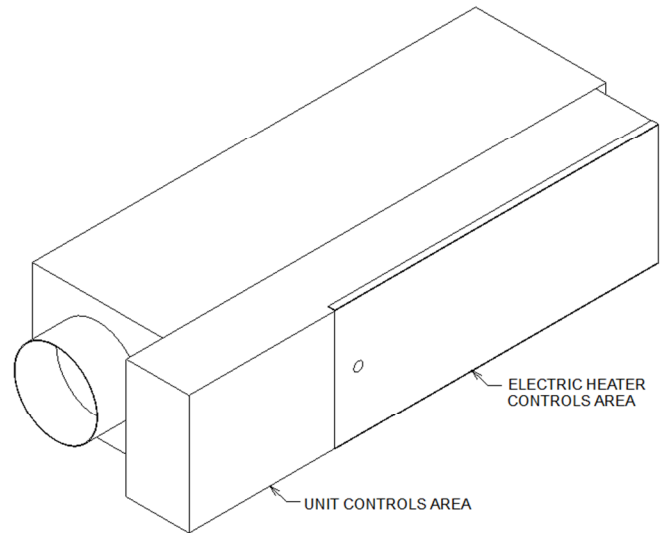
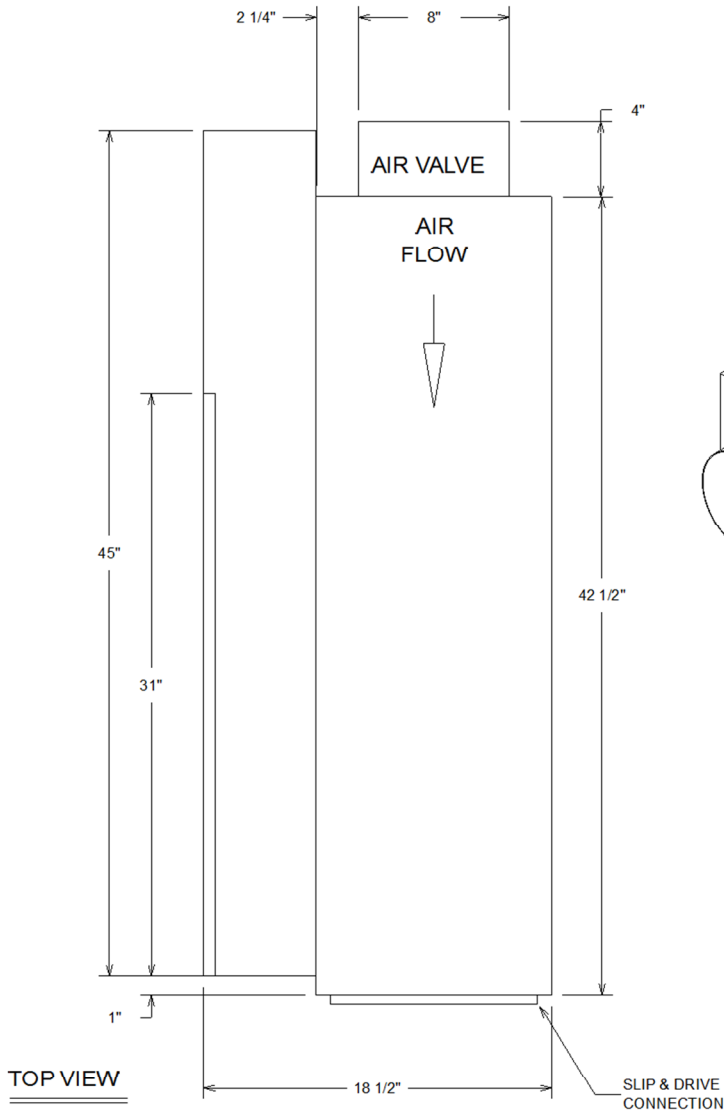


Approximate Dry Weight	46.0 lb
------------------------	---------

Weights reflected may vary ±5.0 lb based upon options selected.

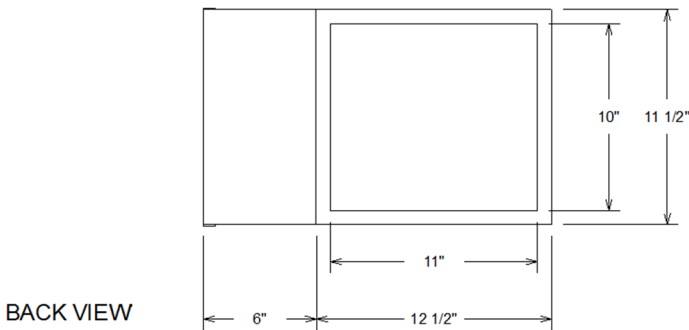
**Dimensional Drawings - Variable Air Volume Single Duct Terminal Units**

**Item: A2, A11 Qty: 2 Tag(s): SINGLE-2, SINGLE-11**



**Customer Notes**

1. Air Inlet is centered in unit front panel.
2. Slip & Drive discharge outlet standard.
3. Minimum of 1.5 times duct diameter of straight duct at inlet for proper flow reading.
4. For electric heater access, side hinged door must have minimum distance per NEC or local code.
5. Allow 48" of straight duct downstream of unit before first runout & inside of the duct should be equal discharge size. (A & B)
6. Left-hand orientation shown. (Facing discharge)  
Unit can be flipped to right-hand orientation.

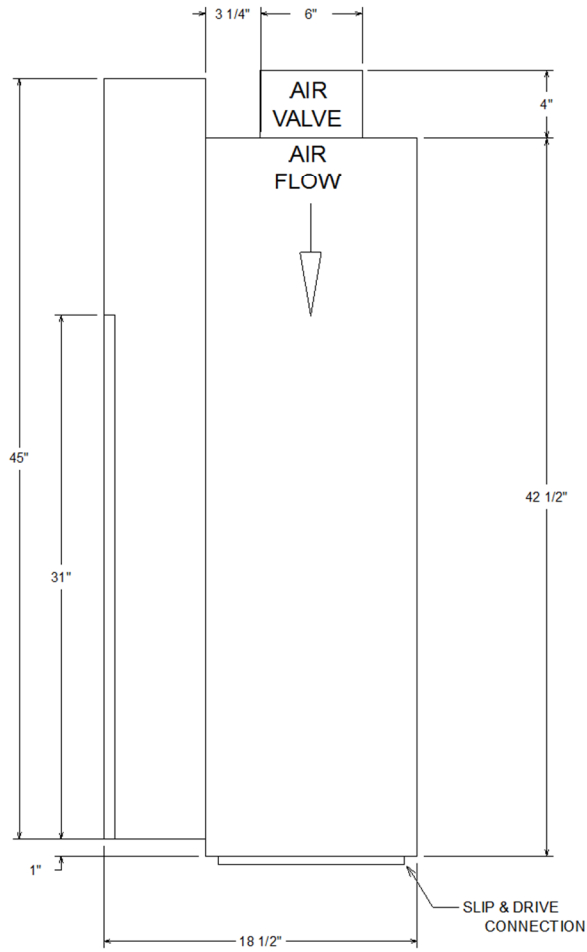


Approximate Dry Weight	38.0 lb
------------------------	---------

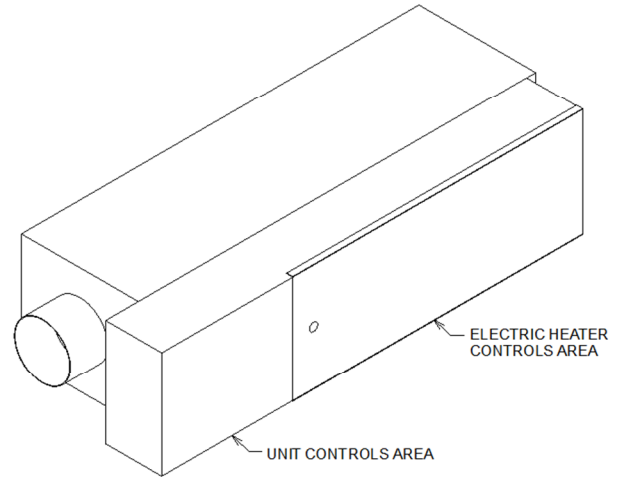
Weights reflected may vary ±5.0 lb based upon options selected.

**Dimensional Drawings - Variable Air Volume Single Duct Terminal Units**

Item: A3, A6 Qty: 2 Tag(s): SINGLE-3, SINGLE-6

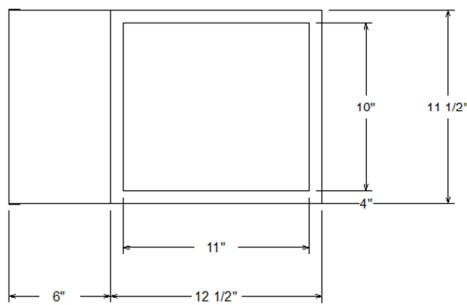


TOP VIEW



Customer Notes

1. Air Inlet is centered in unit front panel.
2. Slip & Drive discharge outlet standard.
3. Minimum of 1.5 times duct diameter of straight duct at inlet for proper flow reading.
4. For electric heater access, side hinged door must have minimum distance per NEC or local code.
5. Allow 48" of straight duct downstream of unit before first runout & inside of the duct should be equal discharge size. (A & B)
6. Left-hand orientation shown. (Facing discharge)  
Unit can be flipped to right-hand orientation



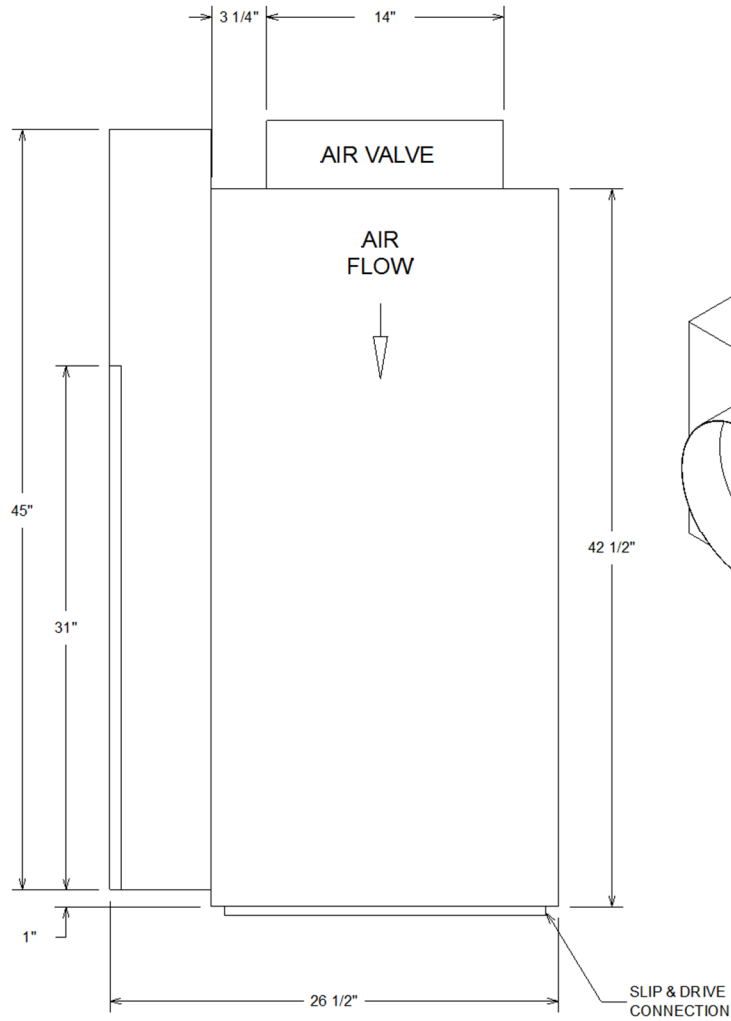
BACK VIEW

Approximate Dry Weight	38.0 lb
------------------------	---------

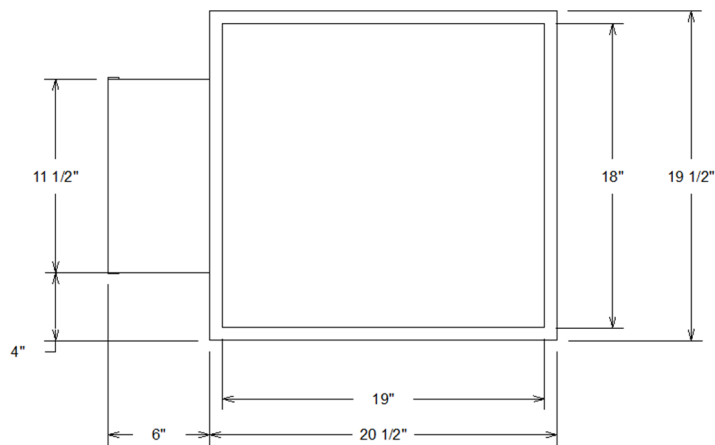
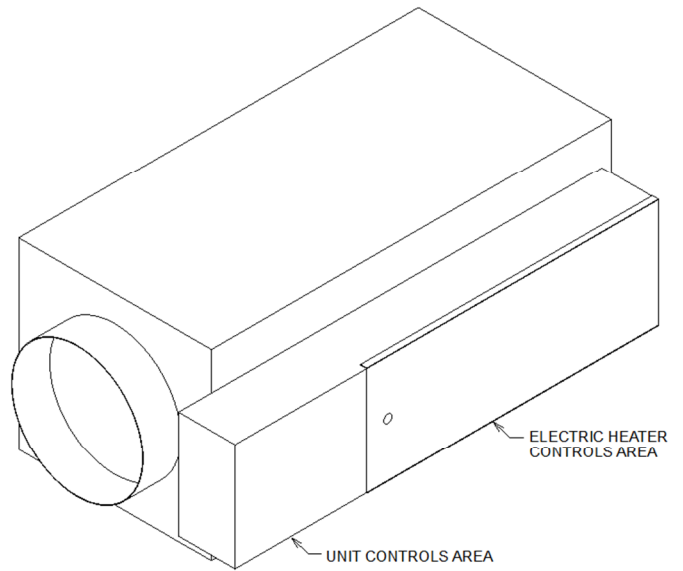
Weight reflected may vary 5 lbs(2.27kgs) based upon options selected.

**Dimensional Drawings - Variable Air Volume Single Duct Terminal Units**

Item: A5, A9 Qty: 2 Tag(s): SINGLE-5, SINGLE-9



TOP VIEW



BACK VIEW

Customer Notes

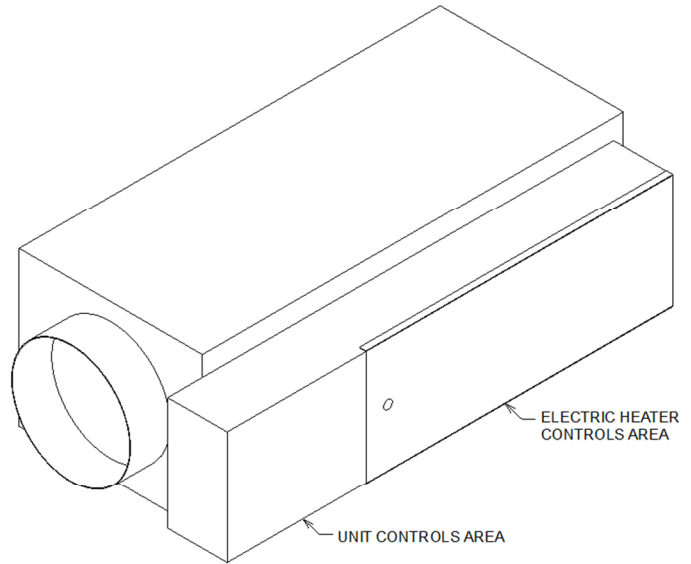
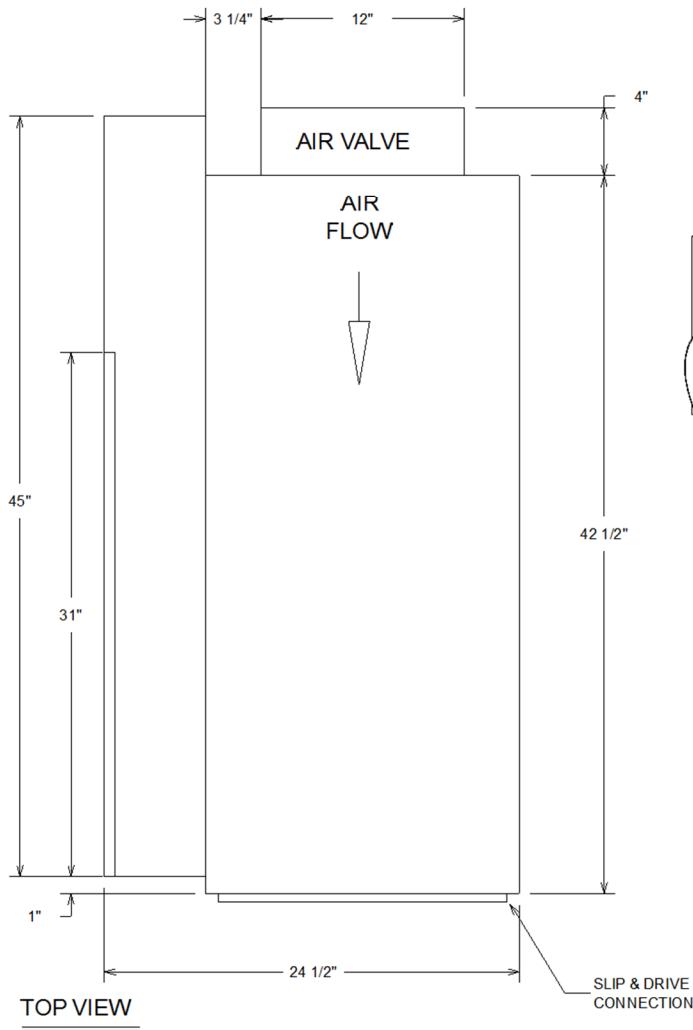
1. Air Inlet is centered in unit front panel.
2. Slip & Drive discharge outlet standard.
3. Minimum of 1.5 times duct diameter of straight duct at inlet for proper flow reading.
4. For electric heater access, side hinged door must have minimum distance per NEC or local code.
5. Allow 48" of straight duct downstream of unit before first runout & inside of the duct should be equal discharge size. (A & B)
6. Left-hand orientation shown. (Facing discharge)  
Unit can be flipped to right-hand orientation

Approximate Dry Weight	60.0 lb
------------------------	---------

Weights reflected may vary ±5.0 lb based upon options selected.

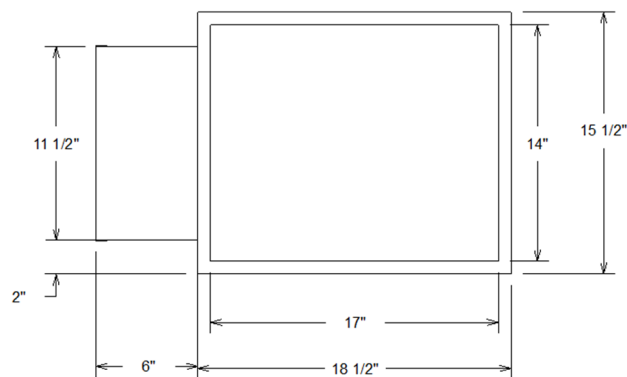
**Dimensional Drawings - Variable Air Volume Single Duct Terminal Units**

**Item: A7, A8, A10 Qty: 3 Tag(s): SINGLE-7, SINGLE-8, SINGLE-10**



**Customer Notes**

1. Air Inlet is centered in unit front panel.
2. Slip & Drive discharge outlet standard.
3. Minimum of 1.5 times duct diameter of straight duct at inlet for proper flow reading.
4. For electric heater access, side hinged door must have minimum distance per NEC or local code.
5. Allow 48" of straight duct downstream of unit before first runout & inside of the duct should be equal discharge size. (A & B)
6. Left-hand orientation shown. (Facing discharge)  
Unit can be flipped to right-hand orientation

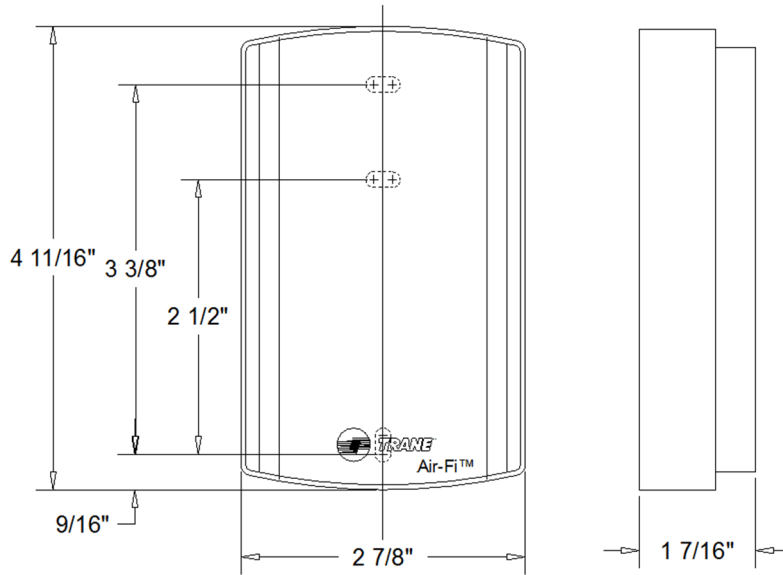


Approximate Dry Weight	52.0 lb
------------------------	---------

Weights reflected may vary  $\pm 5.0$  lb based upon options selected.

**Accessory - Variable Air Volume Single Duct Terminal Units**

**Item: A1 - A11 Qty: 11 Tag(s): SINGLE-1, SINGLE-2, SINGLE-3, SINGLE-4, SINGLE-5, SINGLE-6, SINGLE-7, SINGLE-8, SINGLE-9, SINGLE-10, SINGLE-11**



**Air-Fi™ WIRELESS COMMUNICATIONS INTERFACE (Air-Fi™WCI)**  
(INSTALLED, WIRED & TESTED ON UNIT)

**Wireless specifications**

Air-Fi™ WCI works with other Air-Fi™ WCI's for wireless communications and optionally with wireless communications sensor.

(Does not work with non- Air-Fi™ Wireless Zone Sensors)

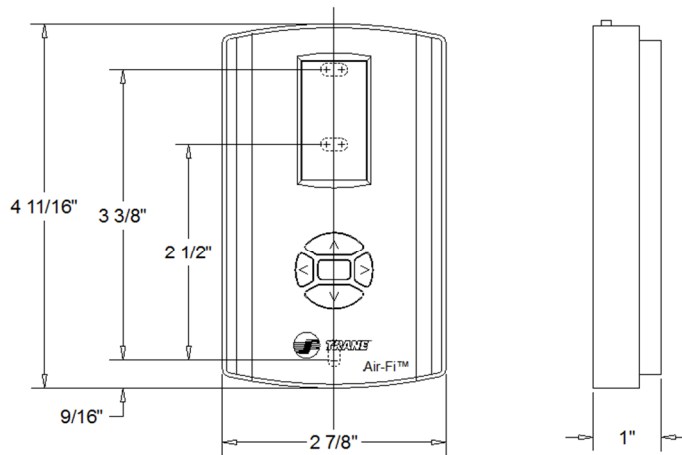
WCI operating temperature	-40 to 158°F (-40 to 70°C)
Storage temperature	-40 to 185°F (-40 to 85°C)
Storage and operating humidity range	5 % to 95 % relative humidity (RH), non-condensing
Resolution	±0.125°F over a range of 60 to 80°F (15.56 to 26.67°C) ±0.25 °F when outside this range
Receiver voltage	24 V nominal ac/dc ± 10%
Receiver power consumption	<2.5VA
Housing Material	Polycarbonate/ABS blend, suitable for plenum mounting, UV protected, UL 94: 5 VA flammability rating
Mounting	Factory mounted on exterior of control box.
Range(i)	Open range - 2,500 ft (762m) w/ packet error rate of 2 % Indoor: Typical range is 200ft (61mm); actual range is dependent on the environment.
Output power	100 mW - North America
Radio frequency	2.4 GHz (IEEE Std 802.15.4-2003 compliant) (2405-2480 MHz, 5 MHz spacing)
Radio channels	16
Address range	00-99
RoHS compliance	Yes
Agency Listing	UL Listed: UL94, 5VA flammability rating and UL916. CSA - C22.2 No. 205-M1983 Signal Equipment

(i) Range values are estimated transmission distances for satisfactory operation of the 100 mW version. Estimated transmission distance for the 10 mW version will be less. Actual distance is job specific and must be determined during site evaluation.

Placement of the receiver and the sensor is critical to proper system operation. In most general office space installations, distance is not the limiting factor for proper radio signal quality. It is more greatly affected by walls, barriers, and general clutter. In general, sheetrock walls and ceiling tiles offer little restriction to the propagation of the radio signal throughout the building as opposed to concrete or metal barriers.

**Accessory - Variable Air Volume Single Duct Terminal Units**

**Item: A1 - A11 Qty: 11 Tag(s): SINGLE-1, SINGLE-2, SINGLE-3, SINGLE-4, SINGLE-5, SINGLE-6, SINGLE-7, SINGLE-8, SINGLE-9, SINGLE-10, SINGLE-11**



**Air-Fi™ WIRELESS COMMUNICATIONS SENSOR w/DIGITAL DISPLAY (WCS-SD)**

**Wireless specifications**

Sensor works with Air-Fi™ Wireless Communications Interface.

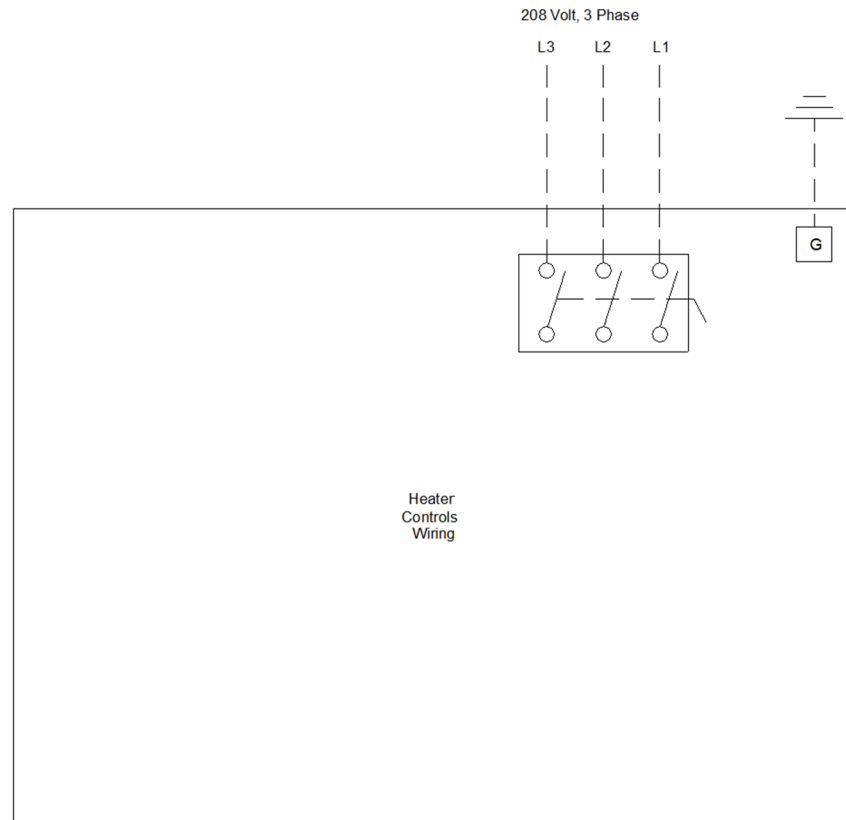
Sensor operating temperature	32 to 122°F (0 to 50°C)
Storage temperature	-40 to 185°F (-40 to 85°C)
Storage and operating humidity range	5% to 95%, non-condensing
Accuracy	0.5 °F over a range of 55 to 85°F (12.8 to 29.4 °C)
Resolution	±0.125°F over a range of 60 to 80°F (15.56 to 26.67°C) ±0.25 °F when outside this range
Setpoint functional range	45 to 95°F (7.22 to 35°C)
Setpoint/Zone Temperature Display	50 to 90°F (ones, halves or tenths increments) and *, ** 11 to 32°C (ones, halves or tenths increments) and *, **
Housing	Polycarbonate/ABS blend, suitable for plenum mounting, UV protected, UL 94: 5 VA flammability rating
Mounting	3.375 in (82.73 mm) for 2 mounting screws (supplied)
Sensor battery	(2) AA, 1.5 V, 2800 mAh, Lithium, 15-year life
Range(i)	Open range - 2,500 ft (packet error rate = 2) Usable - 200 ft (61 m) Typical - 75 ft (25 m)
Output power	100 mW - North America
Radio frequency	2.4 GHz (IEEE Std 802.15.4-2003 compliant) (2405-2480 MHz, 5 MHz spacing)
Radio channels	16
Address range	000-999
Minimum time between transmissions	30 seconds
Maximum time between transmissions	15 minutes
RoHS compliance	Yes
Agency Listing	UL916 Energy Management Equipment CSA - C22.2 No. 205-M1983 Signal Equipment

(i) Range values are estimated transmission distances for satisfactory operation of the 100 mW version. Estimated transmission distance for the 10 mW version will be less. Actual distance is job specific and must be determined during site evaluation.

Placement of the receiver and the sensor is critical to proper system operation. In most general office space installations, distance is not the limiting factor for proper radio signal quality. It is more greatly affected by walls, barriers, and general clutter. In general, sheetrock walls and ceiling tiles offer little restriction to the propagation of the radio signal throughout the building as opposed to concrete or metal barriers.

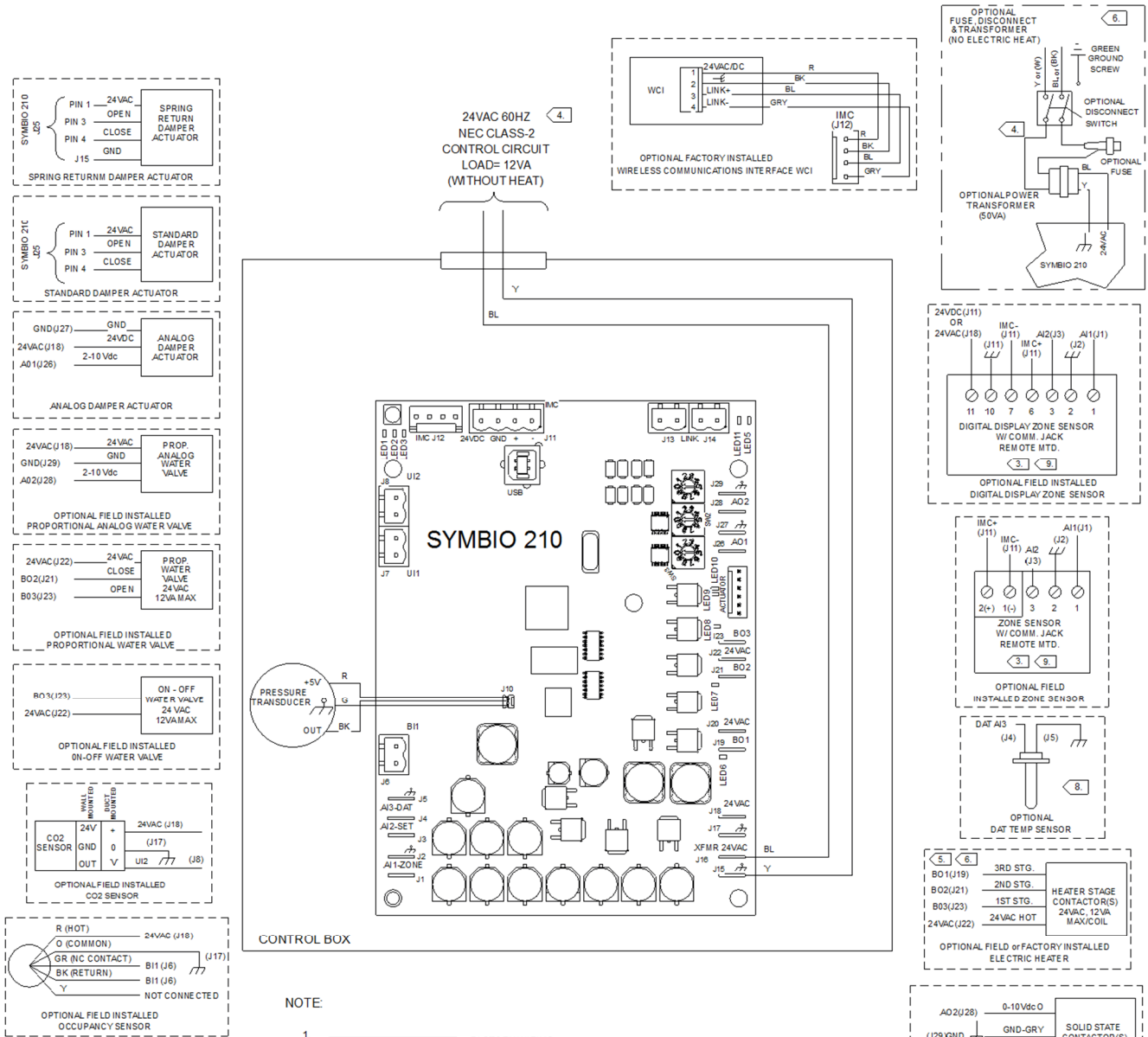
**Field Wiring - Variable Air Volume Single Duct Terminal Units**

**Item: A1 - A11 Qty: 11 Tag(s): SINGLE-1, SINGLE-2, SINGLE-3, SINGLE-4, SINGLE-5, SINGLE-6, SINGLE-7, SINGLE-8, SINGLE-9, SINGLE-10, SINGLE-11**



**Field Wiring - Variable Air Volume Single Duct Terminal Units**

**Item: A1 - A11 Qty: 11 Tag(s): SINGLE-1, SINGLE-2, SINGLE-3, SINGLE-4, SINGLE-5, SINGLE-6, SINGLE-7, SINGLE-8, SINGLE-9, SINGLE-10, SINGLE-11**



**NOTE:**

1. \_\_\_\_\_ FACTORY WIRING  
 \_\_\_\_\_ FIELD WIRING  
 - - - - - OPTIONAL OR ALTERNATE WIRING
2. BARE WIRE ENDS OR 1/4" QUICK CONNECT TERMINALS REQUIRED FOR ALL FIELD CONNECTIONS.
3. NO ADDITIONAL WIRING REQUIRED FOR NIGHT SETBACK OVERRIDE (ON/CANCEL).
4. IF UNIT MOUNTED TRANSFORMER IS NOT PROVIDED, POLARITY FROM UNIT TO UNIT MUST BE MAINTAINED TO PREVENT PERMANENT DAMAGE TO CONTROL BOARD. IF ONE LEG OF 24VAC SUPPLY IS GROUNDED, THEN GROUND LEG MUST BE CONNECTED TO J15.
5. CONTACTORS ARE 24VAC: 10VA MAX/COIL (MAGNETIC CONTACTORS).
6. OPTIONAL FUSE, DISCONNECT SWITCH & TRANSFORMER LOCATED IN CONTROL BOX FOR COOLING & HOT WATER UNITS. LOCATED IN HEATER ON ELECTRIC HEAT UNITS. TRANSFORMER WIRE COLORS: 120V-W, 208V-R, 240V-O, 277V-BR, 480V-R/BK, 575V-R, 190V-R, 220V-R, 347-R.
7. SCREW TERMINAL ADAPTERS REQUIRED FOR B11, U1, U2, IMC & LINK.
8. TO USE AI3 WITH A SUPPLY AIR SENSOR FOR AUTO-CHANGEOVER, REASSIGNMENT OF AI3 TO SAT WITH U1 IS REQUIRED.
9. ZONE SENSOR IMC TERMINALS REQUIRE SHIELDED TWISTED PAIR WIRING FOR OPTIONAL USE OF COMMUNICATIONS JACK.
10. 24Vdc REQUIRED FOR TRANE SCR ELECTRIC HEAT MODULE.

**Field Installed Options - Part/Order Number Summary**

This is a report to help you locate field installed options that arrive at the jobsite. This report provides part or order numbers for each field installed option, and references it to a specific product tag. It is NOT intended as a bill of material for the job.

**Product Family - Variable Air Volume Single Duct Terminal Units**

Item	Tag(s)	Qty	Description	Model Number
A1	SINGLE-1	1	Variable Air Volume Single Duct Terminal	VCEF10-- *M0SY74A**0*0F2W0B060 21**03000000
A2	SINGLE-2	1	Variable Air Volume Single Duct Terminal	VCEF08-- *M0SY74A**0*0F2W0B040 21**03000000
A3	SINGLE-3	1	Variable Air Volume Single Duct Terminal	VCEF06-- *M0SY74A**0*0F2W0B020 21**03000000
A4	SINGLE-4	1	Variable Air Volume Single Duct Terminal	VCEF10-- *M0SY74A**0*0F2W0B060 21**03000000
A5	SINGLE-5	1	Variable Air Volume Single Duct Terminal	VCEF14-- *M0SY74A**0*0F2W0B110 21**03000000
A6	SINGLE-6	1	Variable Air Volume Single Duct Terminal	VCEF06-- *M0SY74A**0*0F2W0B010 21**03000000
A7	SINGLE-7	1	Variable Air Volume Single Duct Terminal	VCEF12-- *M0SY74A**0*0F2W0B100 21**03000000
A8	SINGLE-8	1	Variable Air Volume Single Duct Terminal	VCEF12-- *M0SY74A**0*0F2W0B080 21**03000000
A9	SINGLE-9	1	Variable Air Volume Single Duct Terminal	VCEF14-- *M0SY74A**0*0F2W0B070 21**03000000
A10	SINGLE-10	1	Variable Air Volume Single Duct Terminal	VCEF12-- *M0SY74A**0*0F2W0B080 21**03000000
A11	SINGLE-11	1	Variable Air Volume Single Duct Terminal	VCEF08-- *M0SY74A**0*0F2W0B040 21**03000000

Field Installed Option Description	Part/Ordering Number
Trane Air-Fi - WCS-SD (display)	X13790955010