# SUBMITTAL SHEET

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# SINGLE DUCT AIR TERMINAL w/ INTEGRAL SOUND ATTENUATOR AND HOT WATER HEATING COIL

**SIZES 05 - 16** 

#### PRODUCT FEATURES · AHRI 880 certi ed $\bullet$ 90° inlet damper with leak resistant perimeter seal limiting leakage to <1% of max rated ow at 3" w.g. inlet static pressure. · Integral sound attenuator reduces discharge sound levels. • Multi-Point center averaging Velocity Wing air ow sensor for accuracy to ± • 1, 2, 3, or 4 row hot water coils with 1/2" o.d. copper tubes thru aluminum 5% of design ow. Optional Flow Taps / Tees corrugated ns @10 per inch. · Sip & drive cleat discharge connection. • 22 gauge zinc-coated steel, low leakage casing construction sealed to limit leakage to <1% of max rated ow at 3" w.g. static pressure. · Choice of right hand or left hand control position. Optional: 20 gauge construction Ultra Lo-Leak construction · Optional Accessories: • 1/2" dual density insulation (NFPA 90A, UL 181). 6 x 6 Access Plate 6 x 6 Access Door Bottom Sde Optional: 1" dual density glass ber insulation ☐ Hinged ☐ Double Camlock ☐ 1/2" ☐ 1" foil faced glass ber insulation – metal taped edges (ASTM C665) ☐ Unit mounting brackets (eld installed) ☐ Standard control enclosure ☐ Large control enclosure ☐ 3/8" ber free closed cell foam insulation (NFPA255, UL181) ☐ 1/2" ☐ 1" dual wall construction ☐ Screw attached cover ☐ Hinged cover □ Lo-Temp casing construction Control System: ☐ Digital ☐ Bectronic Analog ☐ Pneumatic ☐ Bectric ☐ 1" Fibre-Lok: High density foil-faced duct board with steel encapsulated ☐ None – No controls ☐ By ATC - Factory Installed edges (ASTM C665) ☐ By Anemostat ☐ By ATC - Field Installed ☐ No insulation INLET VIEW DISCHARGE VIEW **SIDE VIEW** (R.H. CONTROLS SHOWN) 1-1/2 MIN VELOCITY WING (20 POINT SENSING) 14-7/32 CONN Ø, O.D. 11-3/32 0 IN 6-1/2 - 7-1/8 5-3/8 -CERTIFIED OPTIONAL CONTROL ENGLOSURE SIP & DRIVE CLEAT CONNECTION (STANDARD SIZE SHOWN) All dimensions are in inches. 1 Row Coil 2 Row Coil 3 Row Coil 4 Row Coil Unit Airflow Conn Ø, Approx Conn Ø, Approx Approx Conn Ø, Approx W L L L Size Range, CFM D O.D. Weight O.D. Weight O.D Weight O.D Weight 46-5/16 05 0 - 290 4-7/8 10 10 42-5/8 1/2 43-11/16 1/2 38 44-3/4 7/8 41 7/8 44 36 06 0 - 470 5-7/8 10 10 42-5/8 1/2 43-11/16 1/2 38 44-3/4 7/8 46-5/16 44 07 0 - 615 6-7/8 12 10 42-5/8 1/2 38 43-11/16 1/2 41 44-3/4 7/8 45 46-5/16 7/8 48 12 43-11/16 7/8 46-5/16 08 0 - 870 7-7/8 10 42-5/8 1/2 38 1/2 41 44-3/4 45 7/8 48

## NOTES:

09

10

12

14

16

0 - 1100

0 - 1355

0 - 1800

0 - 2470

0 - 3370

1. SIDE ACCESS DOOR STANDARD LOCATION IS ON THE SAME SIDE AS THE CONTROL SIDE.

8-7/8

9-7/8

11-7/8

13-7/8

15-7/8

14 12-1/2

14

16

20

24

12-1/2

15

17-1/2

17-1/2

- 2. AIRFLOW RANGE SHOWN IS FOR SENSOR dP = 1.00". CONSULT VAV CONTROLLER SPECIFICATIONS FOR ACTUAL MIN AND MAX dP LIMITS.
- 3. WEIGHT SHOWN IS TOTAL ASSEMBLY WET WEIGHT IN LBS (8.3 LBS / GALLON)

60

60

69

85

98

46-5/16

46-5/16

46-5/16

45-13/16

45-13/16

7/8

7/8

7/8

7/8

DWG# EZT-S-0008

4. OPTIONAL CONTROL ENCLOSURE LOCATION WILL VARY BASED ON CONTROLS INSTALLED

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42-5/8

42-5/8

42-5/8

42-5/8

42-5/8

1/2

1/2

7/8

7/8

7/8

51

51

58

80

43-11/16

43-11/16

43-11/16

43-11/16

43-11/16

1/2

1/2

1/2

7/8

54

54

62

77

88

44-3/4

44-3/4

44-3/4

44-3/4

44-3/4

7/8

7/8

7/8

7/8

65

65

76

94

109

SINGLE DUCT AIR TERMINAL

w/ INTEGRAL SOUND

ATTENUATOR AND HOT

WATER HEATING COIL

SIZE 24 X 16

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PRODUCT	PRODUCT FEATURES													
• AHRI 880 certified							• 90° multi-blade inlet damper with leak resistant perimeter and jamb seals limiting							
<ul> <li>Integral sound attenuator reduces discharge sound levels.</li> <li>20 gauge zinc-coated steel, low leakage casing construction sealed to limit</li> </ul>							leakage to <1% of max rated flow @ 3" w.g. inlet static pressure.  • Multi-Point center averaging Velocity Wing air flow sensor for accuracy to ±							
leakage to <1% of max rated flow at 3" w.g. static pressure.							5% of design flow. ☐ Optional Flow Taps / Tees							
Optional: Ultra Lo-Leak construction							Slip & drive cleat discharge connection.							
• 1/2" dual density insulation (NFPA 90A, UL 181).							Choice of right hand or left hand control position.							
Optional:   1" dual density glass fiber insulation							Optional Accessories:							
☐ 1/2" ☐ 1" foil faced glass fiber insulation – metal taped edges (ASTM C665) ☐ 3/8" fiber free closed cell foam insulation (NFPA255, UL181)							☐ 6 x 6 Access Plate ☐ 6 x 6 Access Door ☐ Bottom ☐ Side							
☐ 3/8" fiber free closed cell foam insulation (NFPA255, UL181)							☐ Hinged ☐ Double Camlock							
Lo-Temp casing construction							Unit mounting brackets (field installed)							
1" Fibre-Lok: High density foil-faced duct board with steel encapsulated							<ul> <li>☐ Standard control enclosure</li> <li>☐ Large control enclosure</li> <li>☐ Screw attached cover</li> <li>☐ Hinged cover</li> </ul>							
edges (ASTM C665)							Control System:    Digital    Electronic Analog    Pneumatic    Electric							
☐ No insulation							□ None – No controls □ By ATC - Factory Installed							
• 1, 2, 3, or 4 row hot water coils with 1/2" o.d. copper tubes thru aluminum								☐ By Anemostat ☐ By ATC - Field Installed						
corrugated fins @ 10 per inch.														
OUT CONN Ø, O.D. 1-1/2 MIN														
18	3/32	IN — 4.5* 38												
24 7-1/8									30					
38 DISCHARGE VIEW														
VELOCITY WING (R.H. CONTROLS SHOWN)  AIRFLOW SENSOR (R.H. CONTROLS SHOWN)														
			ŀ	14-7	/32	/		SIZE SHOW		TIL.				
All dimensions are in inches.							SLIP & DRIVE CLEAT CONNECTIONS (1 ROW COIL SHOWN)							
CERTIFIED® www.ahridirectory.org														
WW Terminals														
SIDE VIEW														
			1 Row Co	oil	2 Row Coil			3 Row Coil			4 Row Coil			
Unit	Airflow Range,		Conn Ø,	Approx		Conn Ø,	Approx		Conn Ø,	Approx		Conn Ø,	Approx	
Size	CFM	L	O.D.	Weight	L	O.D.	Weight	L	O.D.	Weight	L	O.D.	Weight	
24x16	0 - 6360	44-1/2	7/8	133	44-1/2	7/8	145	45-1/2	1-1/8	162	45-1/2	1-1/8	178	

### NOTES

- 1. AIRFLOW RANGE SHOWN IS FOR SENSOR  $dP=1.00^\circ$ . CONSULT VAV CONTROLLER SPECIFICATIONS FOR ACTUAL MIN AND MAX dP LIMITS.
- 2. WEIGHT SHOWN IS TOTAL ASSEMBLY WET WEIGHT IN LBS (8.3 LBS / GALLON)

- 3. OPTIONAL CONTROL ENCLOSURE LOCATION WILL VARY BASED ON CONTROLS INSTALLED.
- 4. HEADER DIMENSION FROM SIDE OF COIL IS  $4^{\prime\prime}$  FOR 1, 2 ROW, AND  $5^{\prime\prime}$  FOR 3, 4 ROW COILS.

JOB NAME: SUBMITTED BY: