

BOTTOM CONTROLS

Model EZTS

SINGLE DUCT

AIR TERMINAL

WITH HOT WATER HEATING COIL

SIZES 05 - 16

SUBMITTAL SHEET

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P	RODUC	T FEATURE	S																		
• AHRI 880 certified											- 90° inlet damper with leak resistant perimeter seal limiting leakage to <1% of max										
• 1, 2, 3, or 4 row hot water coils with 1/2" o.d. copper tubes thru aluminum										rated flow at 3" w.g. inlet static pressure.											
corrugated fins @ 10 per inch. Right or Left Hand coil connections.										• Multi-Point center averaging Velocity Wing air flow sensor for accuracy to ±											
• 22 gauge zinc-coated steel, low leakage casing construction sealed to limit											5% of design flow. Optional Flow Taps / Tees										
leakage to <1% of max rated flow at 3" w.g. static pressure.										Slip & drive cleat discharge connection.											
	Optional: [20 gauge co			• Optional Accessories:																
	• 1/2" dual density insulation (NFPA 90A, UL 181).										6 x 6 Access Plate 6 x 6 Access Door Side Side										
Optional: 1" dual density glass fiber insulation										☐ Hinged ☐ Double Camlock											
☐ 1/2" ☐ 1" foil faced glass fiber insulation – metal taped edges (ASTM C6										☐ Unit mounting brackets (field installed) ☐ Standard control enclosure ☐ Large control enclosure											
	3/8" fiber free closed cell foam insulation (NFPA255, UL181)											☐ Standard control enclosure ☐ Large control enclosure ☐ Screw attached cover ☐ Hinged cover									
1	1/2" 1" dual wall construction																				
	Lo-Temp casing construction											Control System : Digital Electronic Analog Pneumatic Electric									
	1" Fibre-Lok: High density foil-faced duct board with steel encapsulated edges (ASTM C665)											None – No controls ☐ By ATC - Factory Installed									
						By Anemostat By ATC - Field Installed															
	☐ No insulation																				
_																					
7	VELOC	CITY WING (20 PO	INT SENSIN	IG)										4	,	w	1-	1/2 MIN			
	W — 5-3/8 —									. —											
7										OUT OUT											
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-	1:		<u> </u>			<u> </u>	7														
	72 -		8/						- !		RIVE CLEAT										
	- 6-1/2					- 1			1	CONNECTION											
	<u> </u>																				
11-3/32 ———————————————————————————————————																					
OPTIONAL																					
INLET VIEW CONTROL ENCLOSURE (STANDARD SIZE SHOWN) SIDE VIEW											CERTIFIED® DISCHARGE VIEW										
												www.ahridirectory.org									
						WW Terminals AHRI Standard 880 RIGHT HAND (RH) COIL CONNECTIONS SHOWN															
	A 11 . 11																				
All dimensions are in inches.					ı	1	Row Coi	il I		2 Row Co	l I	(3 Row Coi			4 Row Co					
	Unit Size	Airflow Range, CFM	Inlet Dia D	W	н	L	Conn Ø, O.D.	Weight	L	Conn Ø, O.D.	Weight	L	Conn Ø, O.D.	Approx Weight	L	Conn Ø, O.D.	Approx Weight				
	05	0 - 290	4-7/8	10	10	15-5/8	1/2	25	16-11/16	1/2	27	17-3/4	7/8	30	19-5/16	7/8	33				
	06	0 - 470	5-7/8	10	10	15-5/8	1/2	25	16-11/16	1/2	27	17-3/4	7/8	30	19-5/16	7/8	33				
1	07	0 615	6 7/0	12	10	1E E/O	1/2	27	16 11/16	1/2	20	17 2/4	7/0	24	10 5/16	7/0	27				

NOTES

80

10

12

16

0 - 870

0 - 1100

0 - 1355

0 - 1800

0 - 2470

0 - 3370

7-7/8

8-7/8

9-7/8

11-7/8

13-7/8

15-7/8

1. ONLY SIDE ACCESS DOOR AVAILABLE. STANDARD LOCATION IS H.W. COIL CONNECTION SIDE.

12

14

16

20

24

10

12-1/2

12-1/2

17-1/2

17-1/2

15-5/8

17-5/8

17-5/8

21-5/8

21-5/8

21-5/8

1/2

1/2

1/2

7/8

7/8

7/8

27

38

45

- 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) $\,$

34

47

47

56

82

19-5/16

21-5/16

21-5/16

25-5/16

24-13/16

24-13/16

17-3/4

19-3/4

19-3/4

23-3/4

23-3/4

23-3/4

7/8

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4. OPTIONAL CONTROL ENCLOSURE LOCATION WILL VARY BASED ON CONTROLS

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37

52

52

63

78

93

16-11/16

18-11/16

18-11/16

22-11/16

22-11/16

22-11/16

1/2

1/2

1/2

1/2

30

41

41

49

61

72



BOTTOM CONTROLS

SINGLE DUCT AIR TERMINAL WITH HOT WATER COIL

SIZE 24 X 16

SUBMITTAL SHEET

www.anemostat-hvac.com

		EATURES																
• AHRI 880 certified									 90° multi-blade inlet damper with leak resistant perimeter and jamb seals limiting leakage to <1% of max rated flow @ 3" w.g. inlet static pressure. 									
 20 gauge zinc-coated steel, low leakage casing construction sealed to limit leakage to <1% of max rated flow at 3" w.g. static pressure. 									\bullet Multi-Point center averaging Velocity Wing air flow sensor for accuracy to \pm									
	_	Jltra Lo-Leak constru						5% of design flow. Optional Flow Taps / Tees										
		ty insulation (NFPA ! " dual density glass						Slip & drive cleat discharge connection.Optional Accessories:										
	_	' foil faced glass fib			al taped ed	ges (AS	TM C665)	☐ 6 x 6 Access Plate ☐ 6 x 6 Access Door ☐ Bottom ☐ Side										
		ree closed cell foam		tion (NFPA25	5, UL181)			☐ Hinged ☐ Double Camlock ☐ Unit mounting brackets (field installed)										
☐ 1/2" ☐ 1" dual wall construction ☐ Lo-Temp casing construction									☐ Unit mounting brackets (field installed) ☐ Standard control enclosure ☐ Large control enclosure									
	-	ok : High density fo	il-face	d duct board	d with stee	l encap	sulated				Hinged cover		П-					
	edges (AS No insulation							• Control S	ystem :			_		tic Electric				
• 1,	- 2, 3, or 4 row	hot water coils wit	h 1/2"	o.d. copper t	ubes thru a	luminu	m	☐ None – No controls ☐ By ATC - Factory Installed ☐ By Anemostat ☐ By ATC - Field Installed										
co	rrugated fin	s @ 10 per inch. Rig	ht or Le	eft Hand coil	connection													
		-		- 38		4												
		_		- 24 	-		- VELOCITY W											
				AIRFLOW SEN	NSOR													
	ET VIEW							5-7/16 L										
LINE	EI VIEVV	18	18						T :									
		<u> </u>	7-1/8					16 CON						 SLIP & DRIVE CLEAT CONNECTIONS (1 ROW COIL SHOW 	/A.I\			
		T 7-1/8													IN)			
		<u> </u>			<u> </u>			<u> </u>					<u> </u>					
			-	11-3/32	4			[1							
		4,5*	1/2 MIN															
		OUT TO						OPTIONAL CONTROL ENCLOSURE (STD SIZE SHOWN)										
	CONN	ø, O.D. –				D			_									
DIS	CHARGE VIEW			SIDE VIEW														
								(R.H. COIL CONNECTIONS SHOWN)										
			L ~ ,-		. 1							4	CE	CERTIFIED® www.ahridirectory.org				
			į		<u> </u>							VAV AHR	Terminals I Standard 880					
٨١	l dimonsio	as ara in inchas																
All dimensions are in inches.			1 Row Coil			2 Row Coil			3 Row Coil			4 Row Coil						
	Unit Size	Airflow Range, CFM	L	Conn Ø, O.D.	Weight	L	Conn Ø, O.D.	Weight	L	Conn Ø, O.D.	Approx Weight	L	Conn Ø, O.D.	Approx Weight				
	24x16	0 - 6360	35	7/8	124	35	7/8	136	36	1-1/8	153	36	1-1/8	169				

NOTES:

- 1. AIRFLOW RANGE SHOWN IS FOR SENSOR dP = 1.00". 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" FOR 1, 2 ROW, AND 5" FOR 3, 4 ROW COILS.

JOB NAME: SUBMITTED BY: