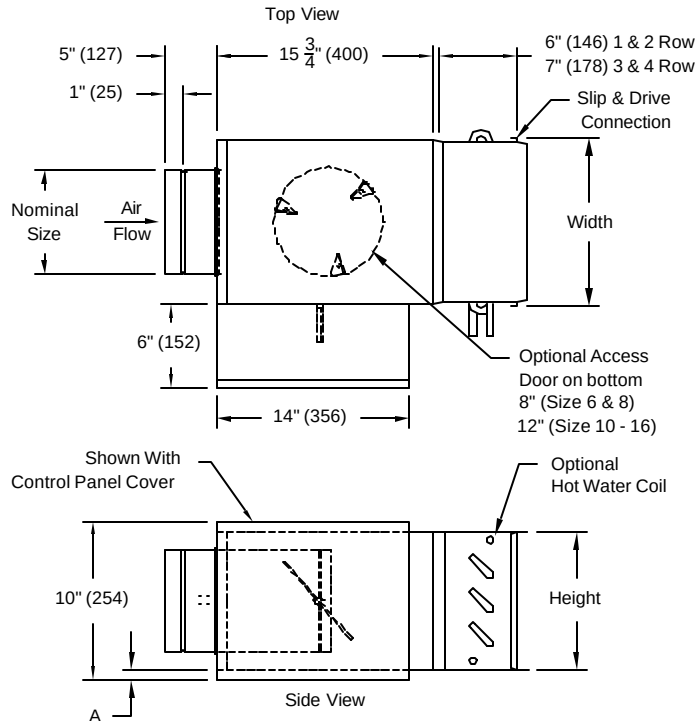


Tag:
Series : TH500

METAL*AIRE®
Submittal No: TH500-UT

Single Duct Air Terminal
University of Texas

Models: TH506 6" Inlet
TH508 8" Inlet
TH510 10" Inlet
TH512 12" Inlet
TH514 14" Inlet
TH516 16" Inlet



UNITS are manufactured with 20GA (1.0mm) Galvanized Steel Inlet Valve Assembly.

INSULATION: ☐ 1" Engineered Polymer Closed Cell Foam (Standard)

☐ Optional 1" 3#/FT (48³Kg/m) Reinforced Foil Covered, Fiberglass. No Exposed Edges.

All Insulations Meet NFPA 90A and UL 181 for Erosion, Mold Growth, and 25/50 Flame Spread/Smoke Density Ratings, All Insulations are 1/2"

Model Number	Nominal Size In. (mm)	Height In. (mm)	Width In. (mm)	Dim. A In. (mm)	Unit Weight W/Out H.W.C.	Unit Weight with Hot Water Coil			
						1R HW Coil	2R HW Coil	3R HW Coil	4R HW Coil
TH506	6 Dia. (152)	8 (203)	12 (305)	2 (51)	12 (5.4)	16.7 (7.6)	17.7 (8)	21.2 (9.6)	22.5 (10.2)
TH508	8 Dia. (203)	10 (254)	12 (305)	1 (25)	15 (6.8)	20 (9.1)	21.6 (9.8)	26 (11.8)	27.7 (12.6)
TH510	10 Dia. (254)	12 1/2 (318)	14 (356)	-	18 (8.2)	24.3 (11)	26.6 (12)	32.4 (14.7)	24.8 (15.8)
TH512	12 Dia. (305)	15 (381)	16 (406)	-	22 (9.9)	31 (14.1)	34.3 (15.6)	40.1 (18.2)	43.4 (19.7)
TH514	14 Dia. (356)	17 1/2 (445)	20 (508)	-	24 (10.9)	34.1 (15.5)	38.9 (17.7)	48 (21.8)	52.8 (10.2)
TH516 *	16 Dia. (406)	18 (457)	24 (610)	-	29 (13.2)	42.3 (19.2)	48 (21.8)	53.7 (24.3)	59.4 (26.9)

* Unit Size TH-516 is not certified to meet UT specifications.

Notes: (☐ check if provided)

1. Available Options	2. Construction Details	3. Construction Details (cont.)
☐ Reinforced foil covered fiberglass, no exposed edges ☐ Metal line ☐ Flanged discharge	- Units are manufactured with 20-gauge casing and 20-gauge inlet valve assembly. - All insulations meet NFPA 90A and UL 181. - Standard insulation 1" Engineered Polymer Closed Cell Foam. - Slip and drive connections discharge standard.	All insulation 1" (25.4 mm).

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Date: 04/18/2005

Dimensions are in inches

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