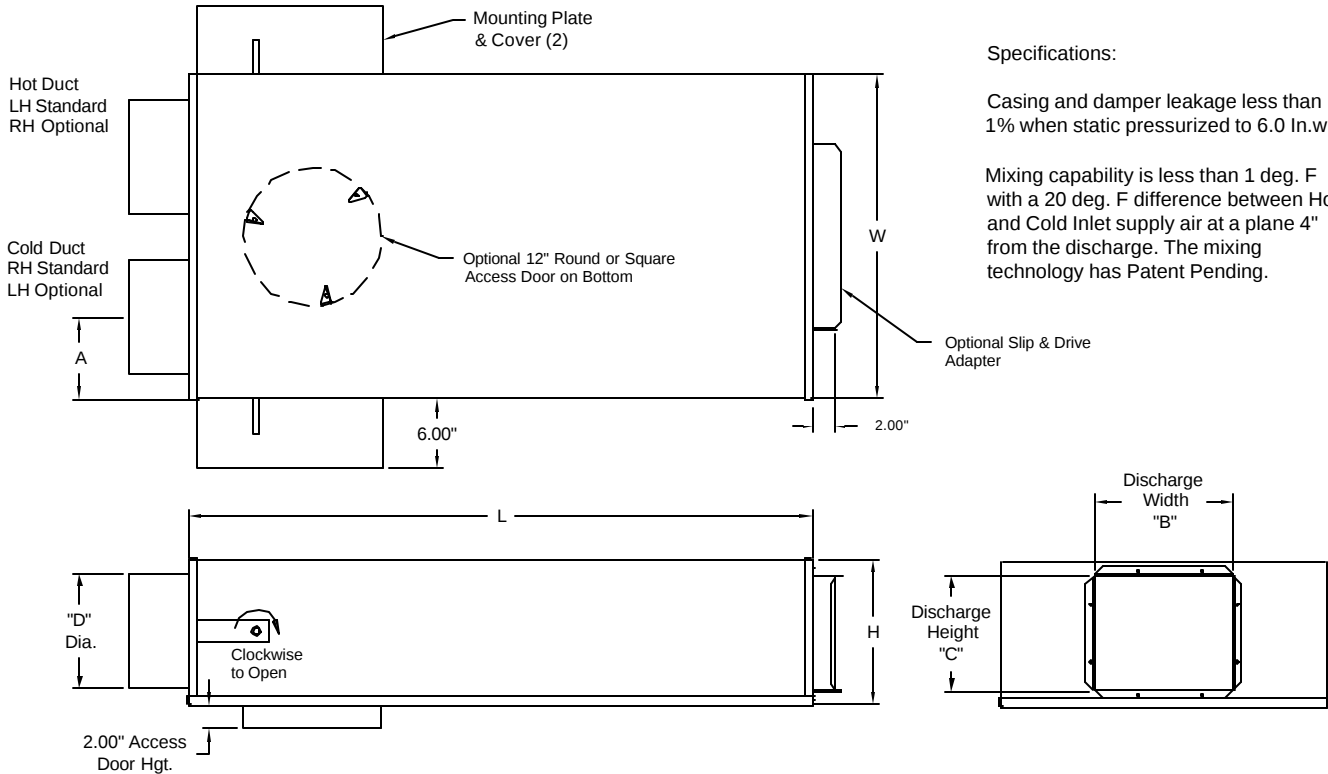


Tag:
Series : DH500

METAL*AIRE®
Submittal No: DH500-UT

Dual Duct Air Terminal

Model: DH500 Dual Duct Air Terminal



Inlet Diameter D		Unit Height H	Unit Width W	Unit Length L	Inlet Duct Location A	Discharge Width B	Discharge Height C
Standard Both Ducts	Optional Hot Duct						
6 (152)	-	10 (254)	20 (508)	40 (1016)	5 (127)	8 (203)	6 (152)
8 (203)	6	12 1/2 (318)	24 (610)	48 (1219)	6 (152)	10 (254)	8 (203)
10 (254)	6, 8	12 1/2 (318)	28 (711)	58 (1473)	7 (178)	12 (305)	10 (254)
12 (305)	6, 8, 10	15 (381)	32 (813)	72 (1829)	8 (203)	14 (356)	12 (305)
14 (356)	6, 8, 10, 12	17 1/2 (445)	36 (914)	72 (1829)	9 (229)	17 (432)	14 (356)
16 (406) *	6, 8, 10, 12, 14	18 (457)	40 (1016)	72 (1829)	10 (254)	20 (508)	15 (381)

Dimensions are in inches (mm)

"A" Dim will change as the Hot inlet diameter changes. Example, the standard unit size is 10" Cold Inlet (A = 7") and the Hot Inlet is an 8" (A = 6").

* Unit Size DH-516 is not certified to meet UT Specifications

Casing Leakage Chart		
Diameter	Maximum Allowed CFM (Area x 2000 fpm)	Maximum Allowable CFM Casing Leakage
6"	393	8.0
8"	698	14.0
10"	1091	22.0
12"	1571	30.0
14"	2138	40.0

Damper Leakage Chart		
Diameter	Maximum Allowed CFM (Area x 2000 fpm)	Maximum Allowable CFM Damper Leakage
6"	393	6.0
8"	698	10.5
10"	1091	16.5
12"	1571	20.0
14"	2138	30.0

Notes: (☐ check if provided)

1. Available Options	2. Standard Construction Details
☐ 1" Foil Lined Fiberglass no Exposed Edges	• 1" Thermopure
☐ Slip & Drive Discharge Adapter	• Units are manufactured with 20 gauge casing and 20 gauge inlet valve assembly
☐ Optional 12" Round or Square Access Door on Bottom	• All insulations meet NFPA 90A and UL 181

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Dimensions are in inches (mm)

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