Tag:

Series: **BP500**

METAL*AIRE

Submittal No: BP500-SA-HW

Single Duct Air Terminal Bypass With Sound Attenuator And Hot Water Coil

Models: BP506

6" Inlet

BP508

8" Inlet

BP510

10" Inlet

BP512

12" Oval Inlet

BP514

14" Oval Inlet

BP516

16" Oval Inlet

Model	Nominal	CFM		Bypass		-	———— 48 <u>7</u> [1242] —————	-	
Number	Size	Range	Width	Plenum W		16 ¹ / ₄ [413]	-1	5 ¹ / ₈ [130] —	
BP506	6 (Round) (152)	0-600	12 (305)	10 1/2 (20		104[110]		8 []	
BP508 BP510	8 (Round) (203) 10(Round) (254)	0-1000	14 (356)		18)		<u> </u>		_
BP510	, , ,	0-1600 0-2200	16 (406) 18 (457)		68) 19)			i i	
BP514			24 (610)		72)				
BP516			28 (711)					i i	
	, , , , , ,		,						>
					Щ				≩
					Inlet Balancing				₹
					Bamper _	7			• ဟု
								Ш	8
					<u>†</u>				P5
					6 [152]	Allow For Removal Of	Plan View		<u>Ф</u>
					0 [132]	Control Panel Cover			Je.
					<u> </u>				 ⊞ Number BP500-SA-HW
	Bypas				I				Ę
	Plenun Width					13 [330]			H
•	Width	'	∠ Bvpass	Plenum					8
		/	, -,,		$5\frac{3}{8}$ [137] —	+	Bypass		$\overline{\mathbf{x}}$
6 <u>1</u> [1	65]				0		Discharge Air Outlet	Slip-In & Drive Connection —	<u> </u>
					1 [25] 🕕 🚤		_	Connection	Submittal
†	1	i h		<u> </u>				Ů	1 = 1
		/	3 N		AIR ,/				Disch 9
12 <u>1</u> [3	307]	-	ç⊭∍ 1	0 [254]	>> ≠	0 00	Sound Attenuate	or U	∥ ∕" ``` ∽
1			엘,		FLOW ./				li l
ļ						~\[
	→ Width	· ——— (6 [152] 🔫	_		$/$ - 14 $\frac{1}{8}$ [360]		Hot Water Coil 1 or 2 Rows	
	Inlet Vie	ew			rol Mounting Panel —	,	Side View	i or 2 Rows —	
				Ai	nd Cover Provided As Standard				

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

INSULATION: ☐ 1.5#/FT³ (24 Kg/m³) Dual Density, (4# Skin) (64 Kg/m³) Coated Fiberglass, All Exposed Edges Sealed

□ 3#/FT ³(48 Kg/m³) Reinforced Foil Covered, Fiberglass. No Exposed Edges.

☐ Engineered Polymer Closed Cell Foam (No Fiberglass)

All Insulations Meet NFPA 90A and UL 181 for Erosion, Mold Growth, and 25/50 Flame Spread/Smoke Density Ratings, All Insulations are 1" R=4.2

Notes: (☐ check if provided)

,		
1. Available Finishes	2. Construction Details	3. Construction Details (cont.)
Reinforced foil covered fiberglass, no exposed	Units are manufactured with 22-gauge casing	All insulation 1" (25 mm)
edges	and 20-gauge inlet valve assembly	
☐ Engineered polymer closed cell form	 All insulations meet NFPA 90A and UL 181 	
☐ Metal line	 Standard insulation dual density, coated 	
☐ Control panel covered	fiberglass, all exposed edges sealed	
☐ Flanged discharge	Slip and drive connections discharge standard	

Submittal No. BP500-SA-HW

Date: 10/07/2004

Dimensions are in inches

Page: 1 of 1