

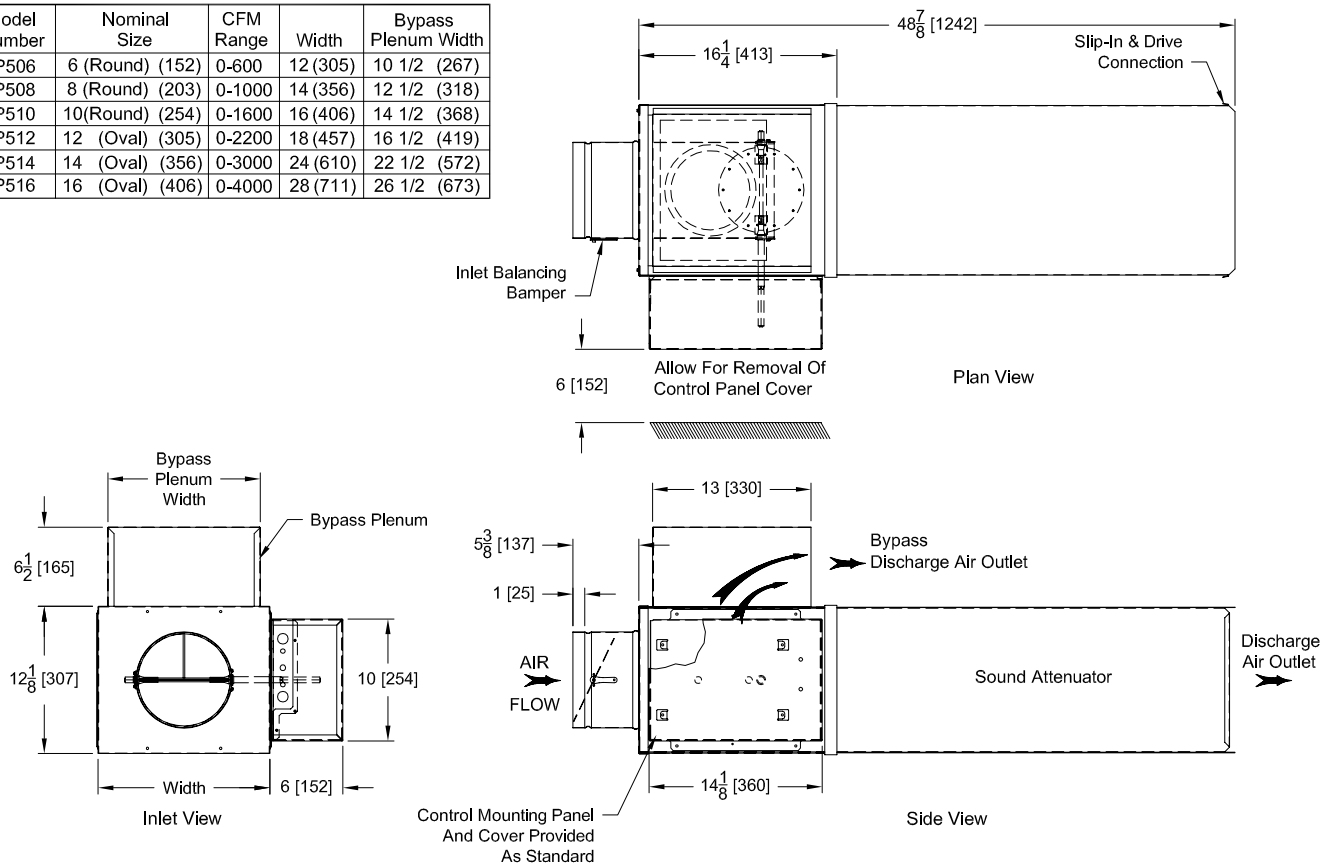
Tag:  
Series : BP500

**METAL\*AIRE®**  
Submittal No: BP500-SA

**Single Duct Air Terminal Bypass  
With Sound Attenuator**

**Models:** BP506 6" Inlet  
BP508 8" Inlet  
BP510 10" Inlet  
BP512 12" Oval Inlet  
BP514 14" Oval Inlet  
BP516 16" Oval Inlet

Model Number	Nominal Size	CFM Range	Width	Bypass Plenum Width
BP506	6 (Round) (152)	0-600	12 (305)	10 1/2 (267)
BP508	8 (Round) (203)	0-1000	14 (356)	12 1/2 (318)
BP510	10 (Round) (254)	0-1600	16 (406)	14 1/2 (368)
BP512	12 (Oval) (305)	0-2200	18 (457)	16 1/2 (419)
BP514	14 (Oval) (356)	0-3000	24 (610)	22 1/2 (572)
BP516	16 (Oval) (406)	0-4000	28 (711)	26 1/2 (673)



UNITS are manufactured with 20GA (1.0mm) Galvanized Steel Inlet Valve Assembly.  
INSULATION: ☐ 1.5#/FT<sup>3</sup> (24 Kg/m<sup>3</sup>) Dual Density, (4# Skin) (64 Kg/m<sup>3</sup>) Coated Fiberglass, All Exposed Edges Sealed  
☐ 3#/FT<sup>3</sup> (48 Kg/m<sup>3</sup>) 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.)
<input type="checkbox"/> Reinforced foil covered fiberglass, no exposed edges <input type="checkbox"/> Engineered polymer closed cell form <input type="checkbox"/> Metal line <input type="checkbox"/> Control panel covered <input type="checkbox"/> Flanged discharge	<ul style="list-style-type: none"><li>Units are manufactured with 22-gauge casing and 20-gauge inlet valve assembly</li><li>All insulations meet NFPA 90A and UL 181</li><li>Standard insulation dual density, coated fiberglass, all exposed edges sealed</li><li>Slip and drive connections discharge standard</li></ul>	<ul style="list-style-type: none"><li>All insulation 1" (25 mm)</li></ul>

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Date: 10/07/2004

Dimensions are in inches

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