

Anderson Greenwood Instrumentation Air Distribution Manifolds

Air distribution manifolds with a single inlet connection and a range in number of side outlets from 4 to 20, incorporating either ball valves or miniature needle valves

General Application

ADME manifolds are designed to distribute air for panel and cabinet instrumentation and can be wall or pipe stand mounted easily.

TECHNICAL DATA

Materials

316 SS

Connections:
Inlet:

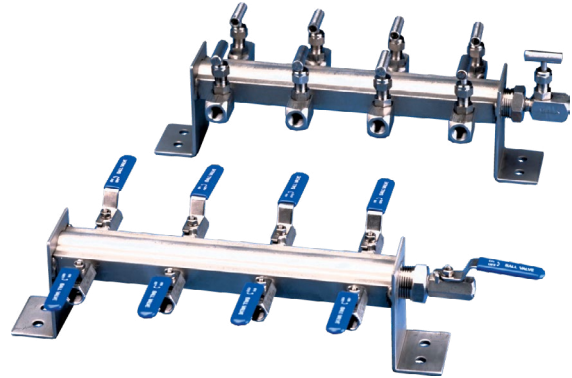
3/4" NPT female threaded; flanged option available

Side outlet:

1/4" NPT

Pressure (max):

6000 psig (414 barg)



Features

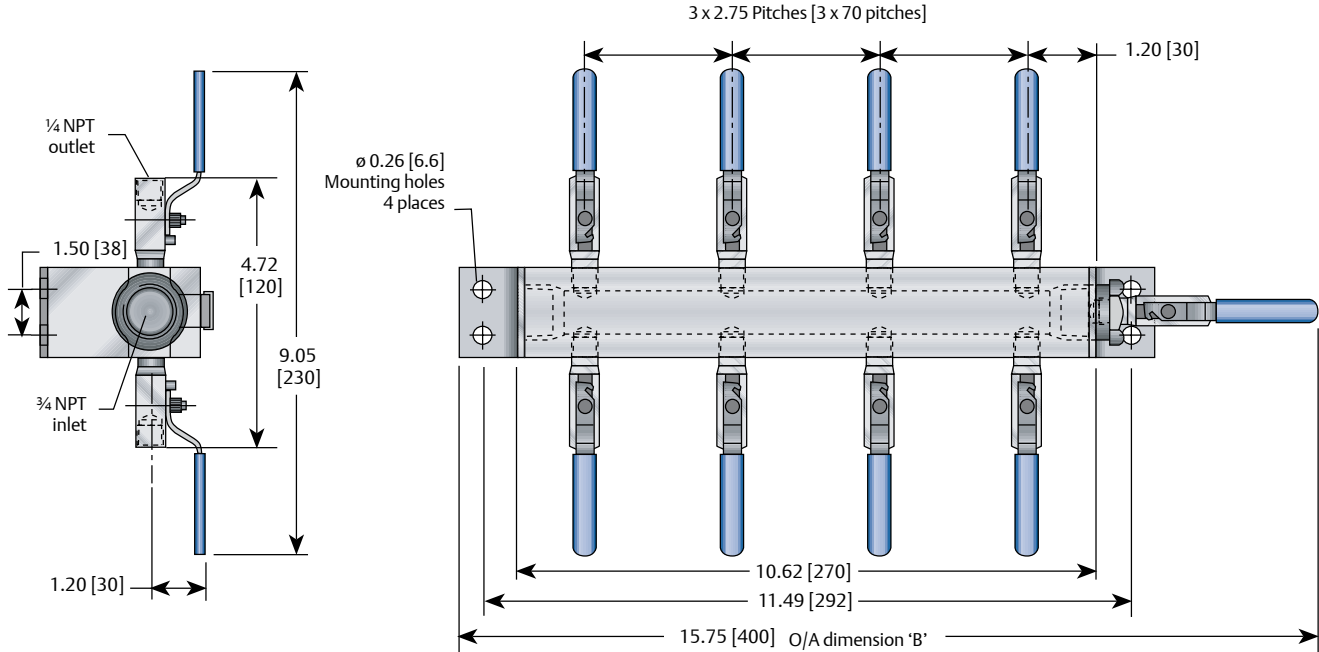
- Compact design enables lower installation costs and fewer potential leak points.
- Choice of ball valves or miniature needle valves with soft or hard seats.
- Secure mounting suitable for panels, walls and 2" (50 mm) NB pipe stand.
- 3/4" NPT threaded inlet (as standard) or optional flanged.
- Drain valve fitted as standard - opposite end of manifold body to inlet.
- Equally-spaced outlets as standard.

ADME SERIES

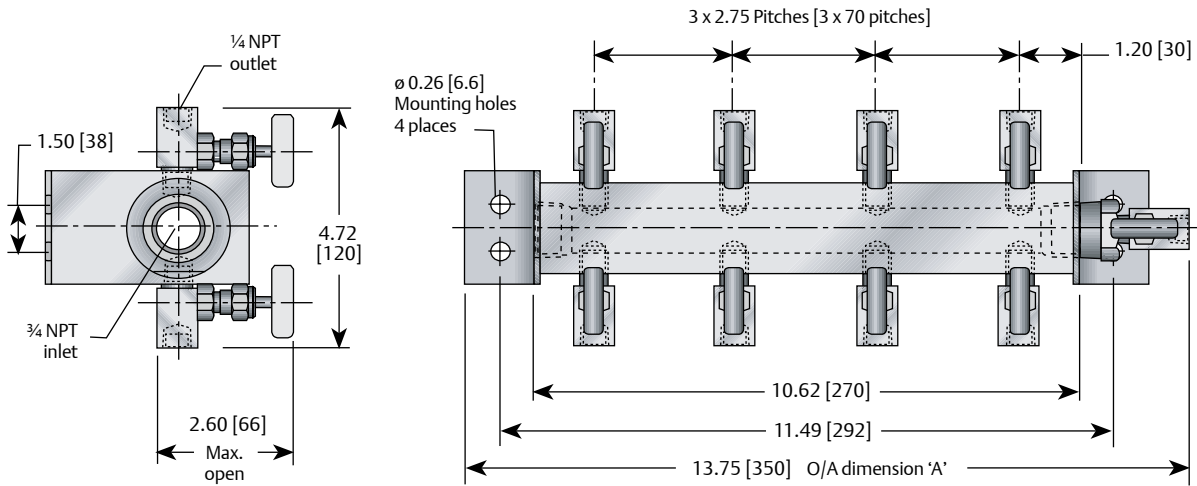
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Dimensions

ADME.8.S.BVS-22 nominal dimensions, inches [mm] - Ball valve type



ADME.8.S.H5VIS-22 nominal dimensions, inches [mm] - Needle valve type



Overall Dimensions - inches [mm]

	4 (2 x 2)	6 (2 x 3)	8 (2 x 4)	10 (2 x 5)	12 (2 x 6)	14 (2 x 7)	16 (2 x 8)	18 (2 x 9)	20 (2 x 10)
A (H5 valves)	8.35 [212]	11.10 [282]	13.75 [350]	16.61 [422]	19.37 [492]	22.12 [562]	24.88 [632]	27.64 [702]	30.39 [772]
B (ball valves)	10.31 [262]	13.07 [382]	15.75 [400]	18.58 [472]	21.38 [542]	24.09 [612]	26.85 [682]	29.60 [752]	32.36 [822]



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Pressure Rating - valve type

Valve type	Pressure rating psig [barg]	Model number SS
Ball valve, soft seat	725 psig [50 barg]	BVS-22
H5-PTFE, hard seat	6000 psig [414 barg]	H5VIS-22
H5-PTFE, soft seat	3000 psig [207 barg]	H5VKS-22

Technical Specifications

Standard materials

SS - A479 316 SS

Pressure rating (optional)

6000 psig [414 barg] maximum = special high pressure ball valve.

Standard Connections

Threaded NPT to ANSI/ASME B1-20-1.

Flanged Inlet connections are available flanged.

Selection Guide

ADME 6	S	H5VIS-22	-PB
BASIC SERIES	MATERIAL	VALVES	OPTIONS CODE
Number of Outlets 4, 6, 8, 10, 12, 14, 16, 18, 20	S 316 SS	H5VIS-22 PTFE packed, 316 SS, metal seat	PB 2-inch [50 mm] pipe bracket
		H5VKS-22 PTFE packed, 316 SS, PCTFE seat	FI Flanged inlet (specify size and rating)
		BVS-22 Ball valve, 316 SS	SS All 316 SS material on non wetted components