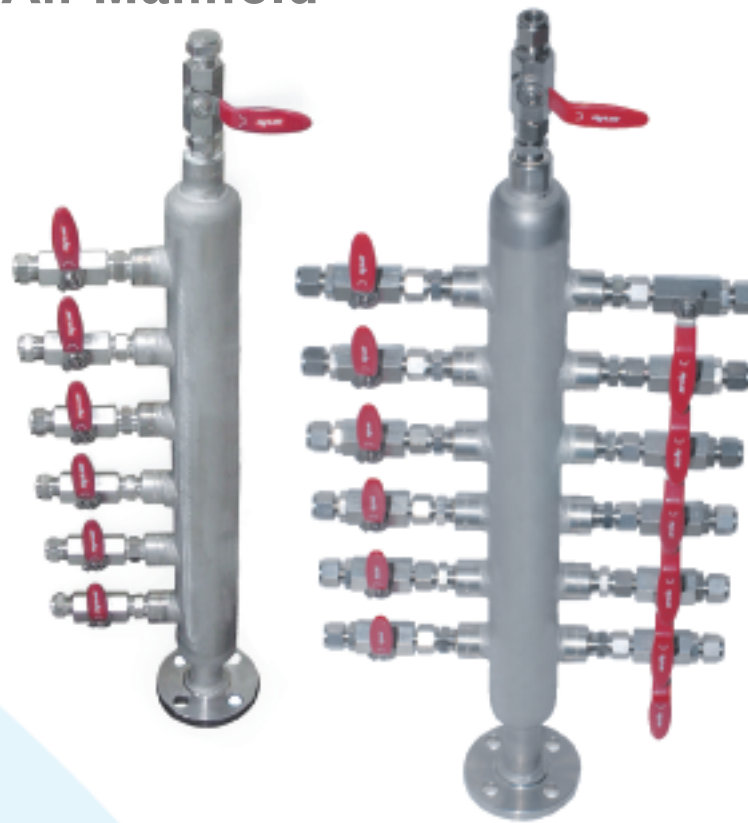


AM Series

Air Manifold



Design and Engineering

- To customer specification
- Standard materials - CS, SS, Alloy and special materials are available upon request.
- Single and double side configurations.
- Pressure rating up to 5000psig(340bar) @ 100°F(38°C)
- Ball or Needle valve applicable
- Vent & Drain port - with male or female thread
- Dimensions - Pipe N.B 1", 2"...
- Connections(distribution pipe) - Inlet, Outlet : Male or female pipe thread, Hy-Lok Tubing, Butt Weld, Socket Weld
- 100% factory tested.

Technical drawings for specific dimensions are available per specific part number configuration which will determine the material, pipe schedule, number of valves, type of valves and the inlet and outlet types.

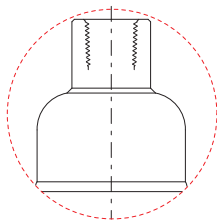
Standard specification

Maximum applicable pressure : Ball valve - Up to 1000 psig, Needle valve - Up to 5000 psig

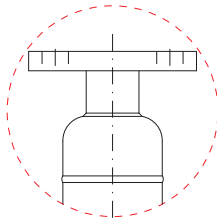
Maximum applicable temperature : Ball valve with PTFE Seat - up to 82°C (180°F)

Needle valve with PEEK Packing - up to 315°C (600°F)

Refer to the Hy-Lok catalogue H-100NV for Needle Valve & H-110BV for Ball Valve



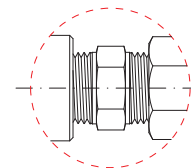
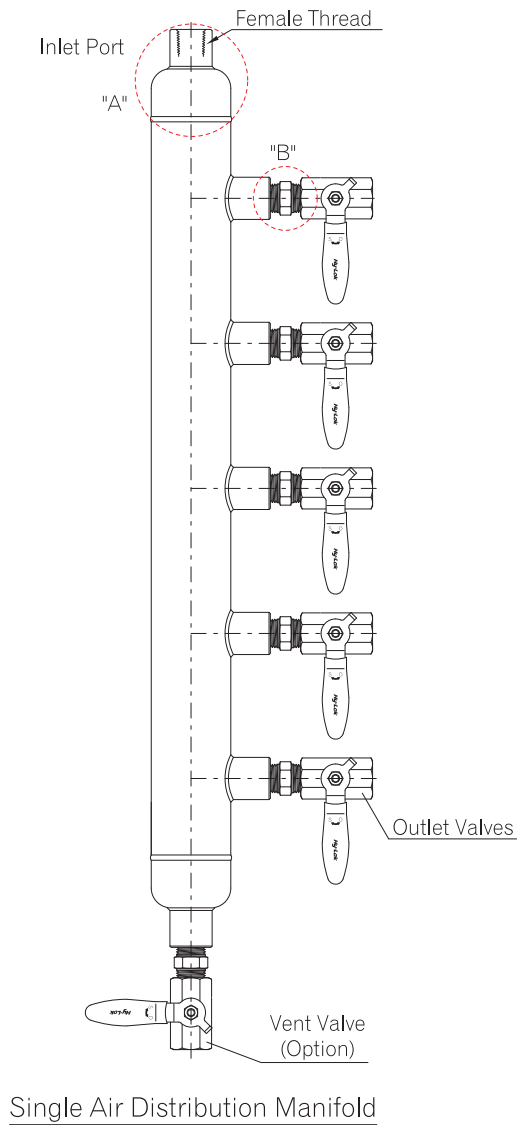
(Standard)
Female Thread Boss Type



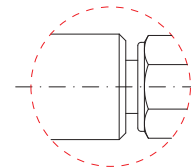
(Option)
Inlet Flange Type
Detail "A"



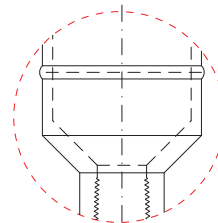
- Ordering information in the page plan e.g) AM16A8N5B8NVM / S316
- Order information which is correct in the different product refers to the page 4.



(Standard)
Pipe Thread to
Male Pipe Weld Type



(Option)
Tubing to
Tube Adapter Weld Type
Detail "B"



Integral Cap Boss

Drawing is only for your reference.

Below sample drawing for a double sided manifold shows standard dimensions for reference only. Technical drawings for specific dimensions are available per specific part number configuration which will determine the material, pipe schedule, number of valves, type of valves and the inlet and outlet types.

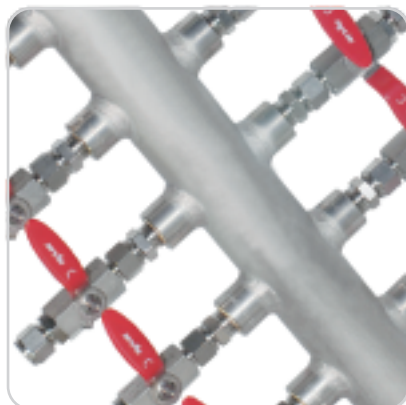
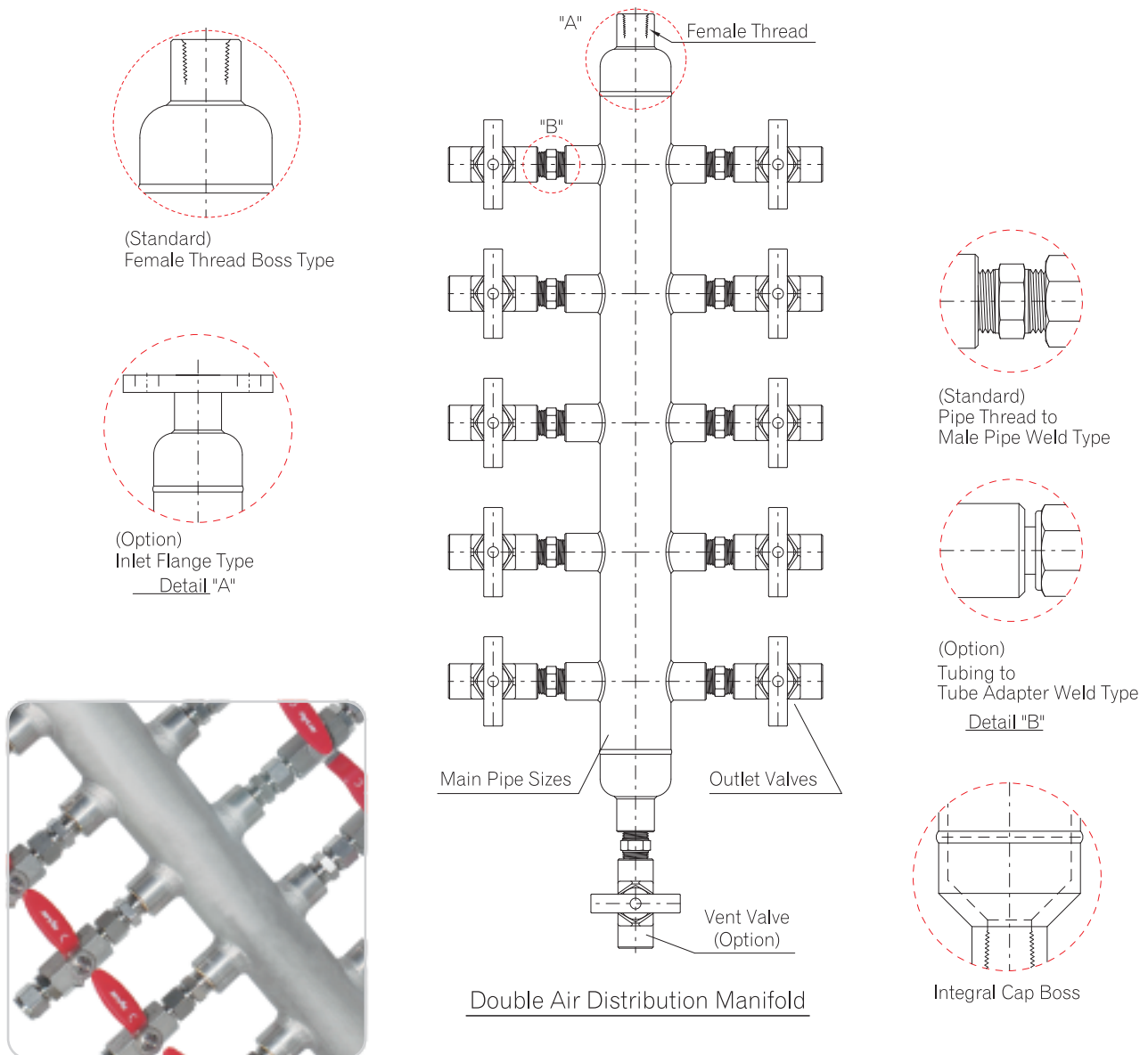
Standard specification

Maximum applicable pressure : Ball valve - Up to 1000 psig, Needle valve - Up to 5000 psig

Maximum applicable temperature : Ball valve with PTFE Seat - up to 82°C (180°F)

Needle valve with PEEK Packing - up to 315°C (600°F)

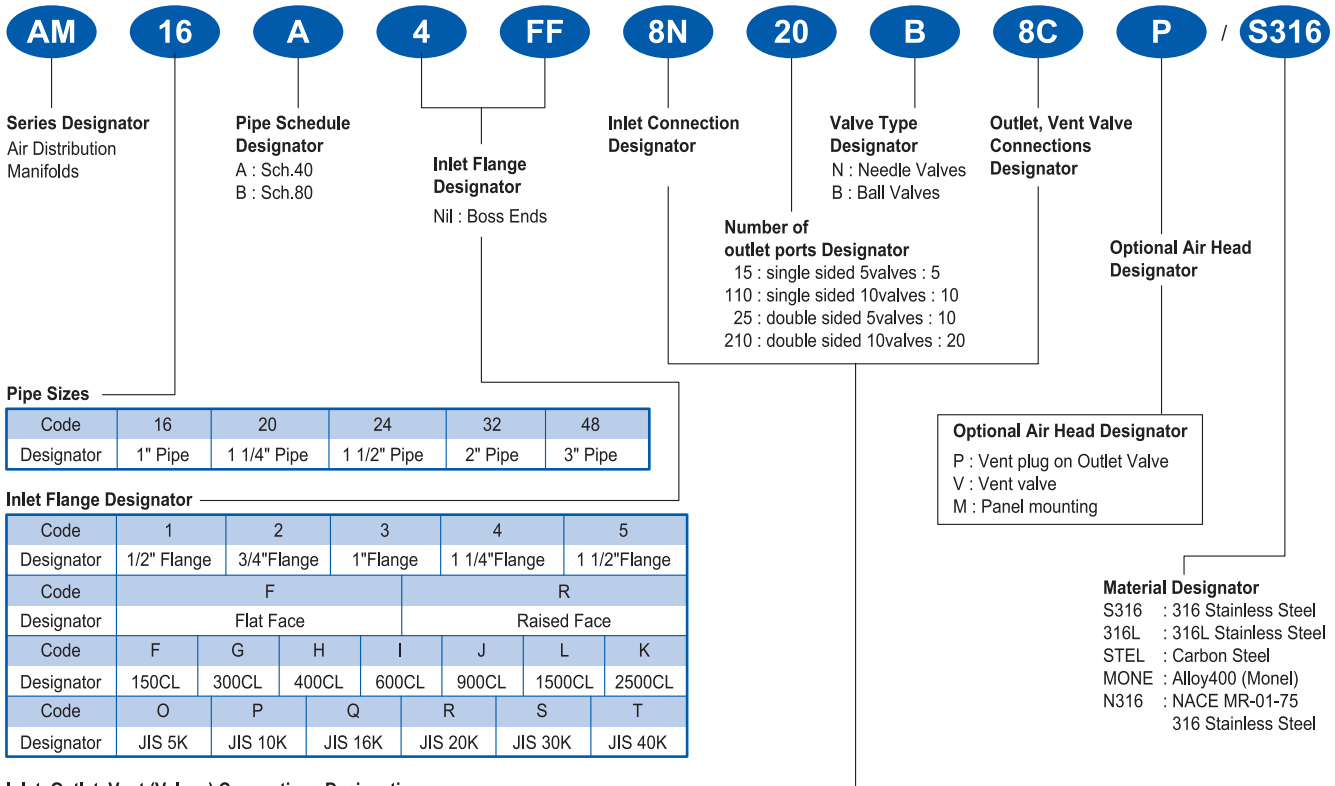
Refer to the Hy-Lok catalogue H-100NV for Needle Valve & H-110BV for Ball Valve



- Ordering information in the page plan e.g) AM16A8N10N8NVM / S316
- Order information which is correct in the different product refers to the page 4.

Drawing is only for your reference.

Ordering Informations



Inlet, Outlet, Vent (Valves) Connections Designation

Code	4N	6N	8N	12N	16N
Designator	1/4" NPT Female	3/8" NPT Female	1/2" NPT Female	3/4" NPT Female	1" NPT Female
Code	4MN	6MN	8MN	12MN	16MN
Designator	1/4" NPT Male	3/8" NPT Male	1/2" NPT Male	3/4" NPT Male	1" NPT Male
Code	4T	6T	8T	12T	16T
Designator	1/4" Tubing	3/8" Tubing	1/2" Tubing	3/4" Tubing	1" Tubing
Code	4M	6M	8M	10M	12M
Designator	4mm Tubing	6mm Tubing	8mm Tubing	10mm Tubing	12mm Tubing
Code	4R	6R	8R	12R	16R
Designator	1/4" BSPT Female	3/8" BSPT Female	1/2" BSPT Female	3/4" BSPT Female	1" BSPT Female
Code	4W	6W	8W	12W	16W
Designator	1/4" Socket Weld	3/8" Socket Weld	1/2" Socket Weld	3/4" Socket Weld	1" Socket Weld
Code	4B	6B	8B	12B	16B
Designator	1/4" Butt Weld	3/8" Butt Weld	1/2" Butt Weld	3/4" Butt Weld	1" Butt Weld

***Safety Notes :**

1. Use safe work practices when using the air distribution manifold.
2. Do not separate the end connectors from the body of the manifold.
3. Safely operate valves by hand. Avoid using wrenches to actuate valves.
4. Do not remove vent plug or disassemble any part of the manifold while positive pressure is present.

Sour Gas Service

Valves can be manufactured for sour gas service in accordance with NACE MR-01-75 latest revision.



* Contact your local representatives of Hy-Lok Corporation for more information of these products and additional options.



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