

# Distribution Manifolds

for Process Instrumentation

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climate control  
electromechanical  
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ENGINEERING YOUR SUCCESS.

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# Hi-Pro Distribution Manifold

As standard, two connections (one at each end) will be provided. One of these will be utilised by the user as an inlet, the other can be either blanked off or fitted with a valve to facilitate purging. Should a purge valve be required then the style should be clearly stated at enquiry stage.

We can connect a single valve to the inlet to act as a primary isolate valve allowing the user to totally isolate all the outlet valves from the supply point.

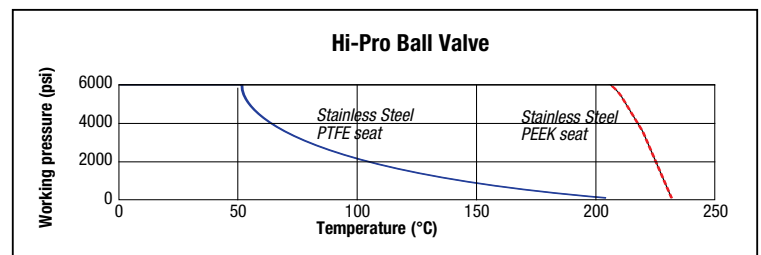
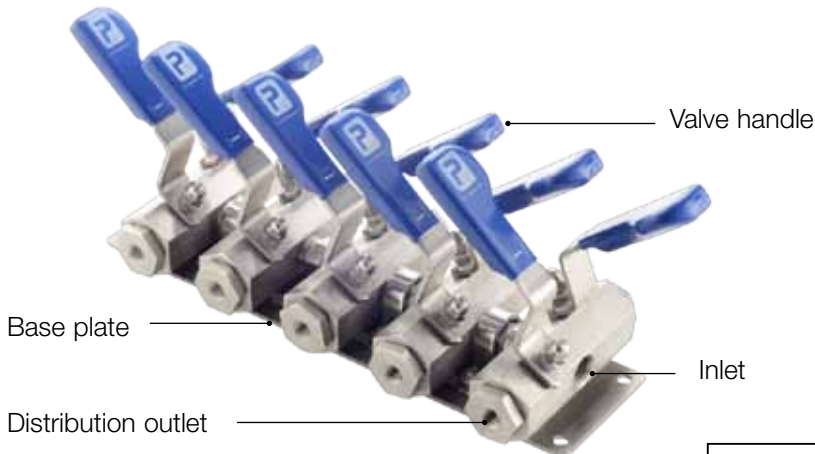
Such a requirement must be stated at enquiry stage; the valve style should be clearly specified. These additional valve requirements will be structured into the part number at quotation stage.

## Product Features

- Maximum number of valves: 20 (even numbers only - spare valves can be blanked off)
- Valve style: Hi-Pro Ball style (10mm bore)
- Maximum size main inlet: 1" pipe thread, 2" socket weld, 2" flange
- Minimum size main inlet: 1/4" female pipe thread/tube or pipe socket weld
- Maximum size main outlet: 1" pipe thread, 2" socket weld, 2" flange
- Minimum size main outlets: 1/4" female pipe thread/tube or pipe socket weld
- Distribution outlet size: 1/4" - 1/2" pipe threads
- 1/4"/(6mm) - 1/2"/12mm) A-LOK®/CPI™

## Principal Specification

- Mounting/support: Standard wall mounting (also permits mounting to a 2" NB pipe stand)
- Pressure rating: Max. 6000 psig (414 barg) for valves
- Temperature rating: See below
- Materials: AISI 316 stainless steel



# Hi-Pro Air Header Manifold

High pressure air header manifold with up to 20 Parker Hi-Pro ball valve outlets, assembled to the manifold body using welded nipple to taper threaded valve connection.

## Product Features

- Maximum number of valves: 20
- Minimum number of valves: 4
- Valve style: Hi-Pro Ball style (10mm bore)
- Maximum size main inlet: 1" pipe thread 2" socket weld 2" flange
- Minimum size main inlet: 1/4" female pipe thread/tube or pipe socket weld
- Maximum size main outlets: 1" pipe thread 2" socket weld 2" flange
- 1/4" female pipe thread/tube or pipe socket weld
- Four support feet drilled for wall mounting

## Principal Specification

- Mounting/support: Standard mounting as depicted in example or as specified by customer
- Pressure rating: Flanged inlet models working pressure 275 psig (19 barg); standard thread inlet models 800 psig (55 barg)
- Material: AISI 316 stainless steel



# H Series Distribution Manifold

Compact distribution manifold unit offering choice of 5 or 10 metal seated needle valves with PTFE gland packing, 'H' series head assemblies for easy operation and positive bubble tight shut off.

As standard, 2 connections (one at each end of common size) will be provided. One of these will be utilised by the user as an inlet, the other can be either blanked off or fitted with a valve to facilitate purging. Should a purge valve be required then the style should be clearly stated at enquiry stage.

We can connect a single isolate valve to the inlet to act as a primary isolate valve allowing the user to totally isolate all the outlet valves from the supply point. Such a requirement must be stated at enquiry stage, the valve style should be clearly specified. These additional valve requirements will be structured into the part number at quotation stage.

## Product Features

- Number of valves: 5 or 10 (between 5 & 10 will be supplied as 10 way - redundant outlets can be plugged by user)
- Valve style: Globe style needle valve metal/metal seat with retained operating key
- Main inlet: 1/2" female pipe thread
- Main outlets: 1/2" female pipe thread
- Distribution outlets: 1/4" female pipe thread

## Principal Specification

- Mounting holes dia: 6.5mm
- Temperature rating: Max. 260°C (500°F)
- Pressure rating: Max. 6,000 psi (414 bar)
- Materials: AISI 316 stainless steel



# Hi-Pro Distribution Manifolds

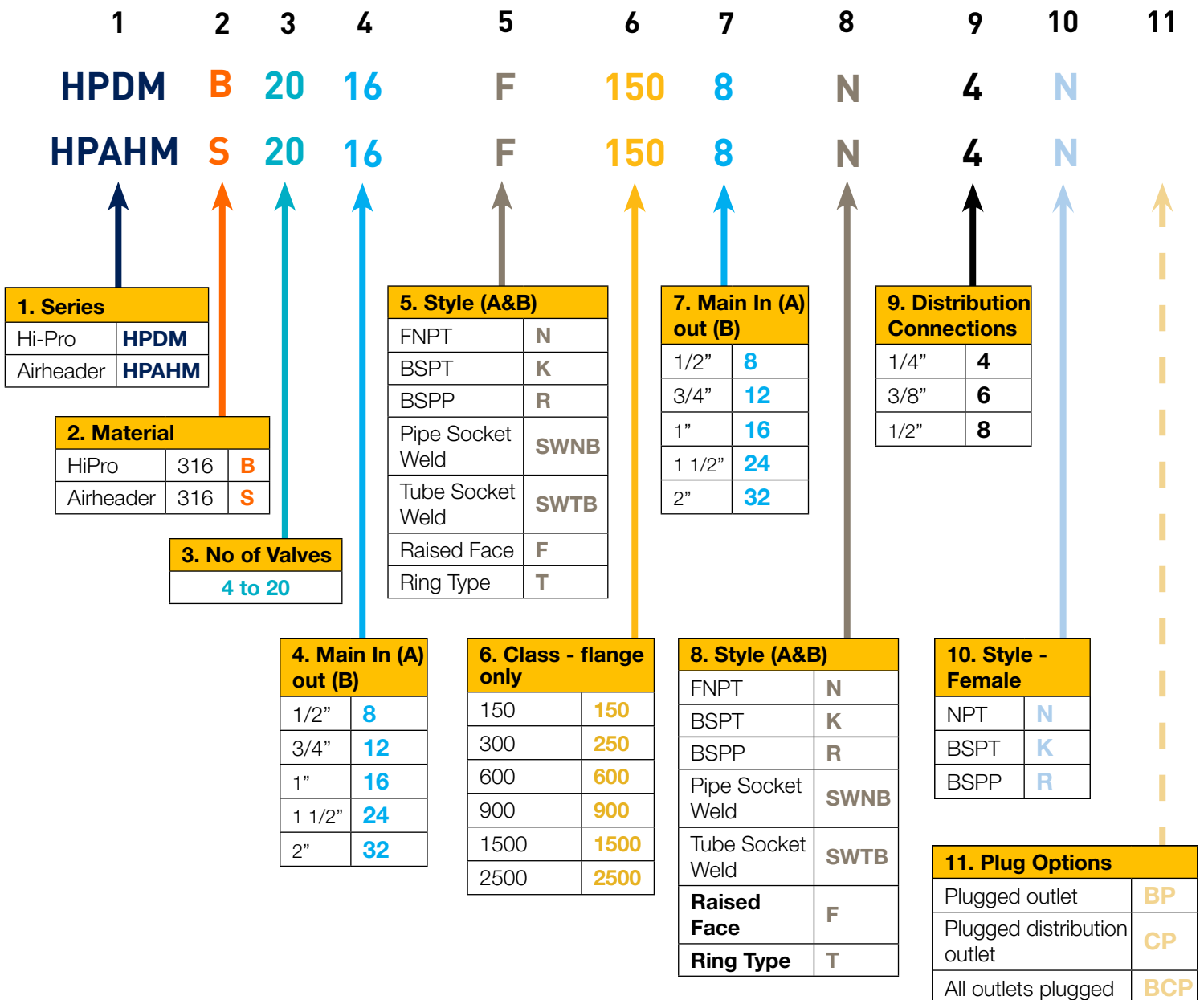
## How to order

**Example part number:** Hi-Pro Distribution Manifold - HPDMB2016F1508N4N

**Description:** Manifold (HPDM); Material 316 Stainless Steel (B); Number of Valves (20); with 1" (16); flange spiral raised face (F); class 150 (150); Main Inlet 1/2" (8); NPT (N) Female Main Outlet, 20 x 1/4" (4); NPT (N) Female Ball Valve Distribution Outlets.

**Example part number:** Hi-Pro Distribution Airheader Manifold - HPAHMB2016F1508N4N

**Description:** Manifold (HPAHM); Material 316 Stainless Steel (S); Number of Valves (20); with 1" (16); flange spiral raised face (F); class 150 (150); Main Inlet 1/2" (8); NPT (N) Female Main Outlet, 20 x 1/4" (4); NPT (N) Female Ball Valve Distribution Outlets.

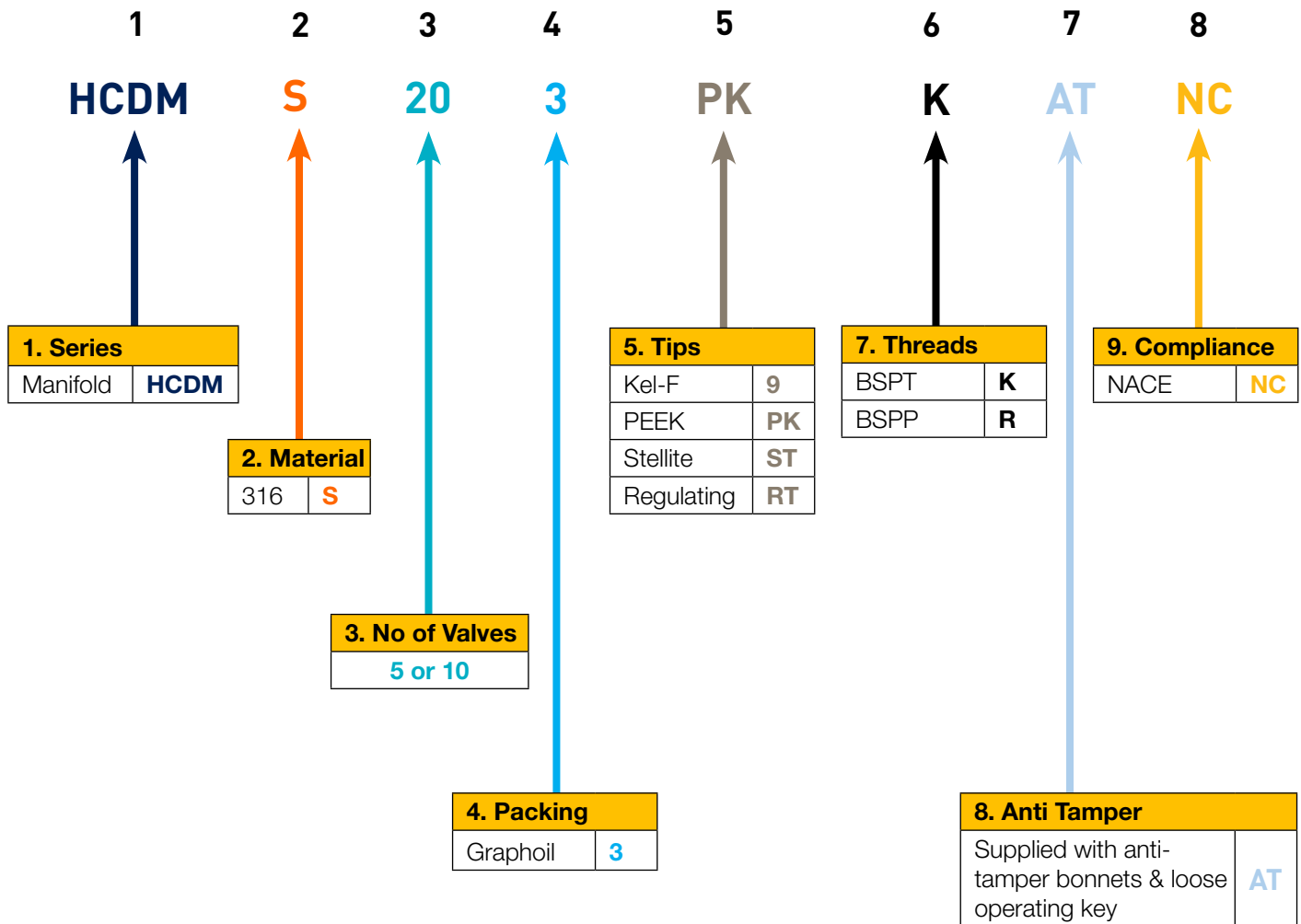


# H Series Distribution Manifold

## How to order

**Example part number:** H Series Distribution Manifold - HCDMS203PKKATNC

**Description:** Manifold (HCDM); Material (S); Number of Valves (20); Packing (3); Tips (PK); Thread Type (K); Anti Tamper (AT); Compliance (NC)





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