



# Hi-Pro Distribution Manifold

Series HPDM  
Cat 4190-HPDM



## Product Description

High Pressure Modular Distribution Manifold with up to 20 Parker Hi-Pro ball valve outlets.

### 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.

As standard, 2 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 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 separately at enquiry stage, the valve style should be clearly specified.

These additional valve requirements will be structured into the part number at quotation stage.

### Specifications:

**Mounting/support:** Standard wall mounting (also permits mounting to a 2" NB pipe stand).

**Pressure rating:** Max. 6000 psig (414 barg) for valves - tube/Pipe size to be designated by customer.

**Temperature rating:** Refer to CAT 4190HBV for P/T graph.

**Materials:** AISI 316 St. St.

**Options:** All valve options listed in CAT 4190 HBV can be supplied.

**Lead times:** Max. up to 4 weeks.

### Part number construction:

Series	Material	No of Valves	Main in (A) out (B)	Style (A & B)	Distribution Conns. (C)	Style Female
HPDM	316 SS-B	4-20	1/2"-8	FNPT-N	1/4"-4	NPT-N
			3/4"-12	BSPT-K	3.8"-6	BSPT-K
			1"-16	BSPP-R	1/2"-8	BSPP-R
			1 1/2"-24	Pipe socket weld SWNB	3/4"-12	
			2"-32	Tubesocket weld SWTB	1"-16	
				Flange (see note 2)		

**Example part number:** HPDMB2016F1508N4N

Description: Manifold (HPDM) produced in 316 stainless steel (B) complete with 20 ball 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.

**Note 1:** When main outlet is different size to main inlet then add main outlet designator after main inlet designator.

**Note 2:** When flange connection required use the part no. designators in the Flange catalogue CAT 4190 FP for flange face and class.

### WARNING

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