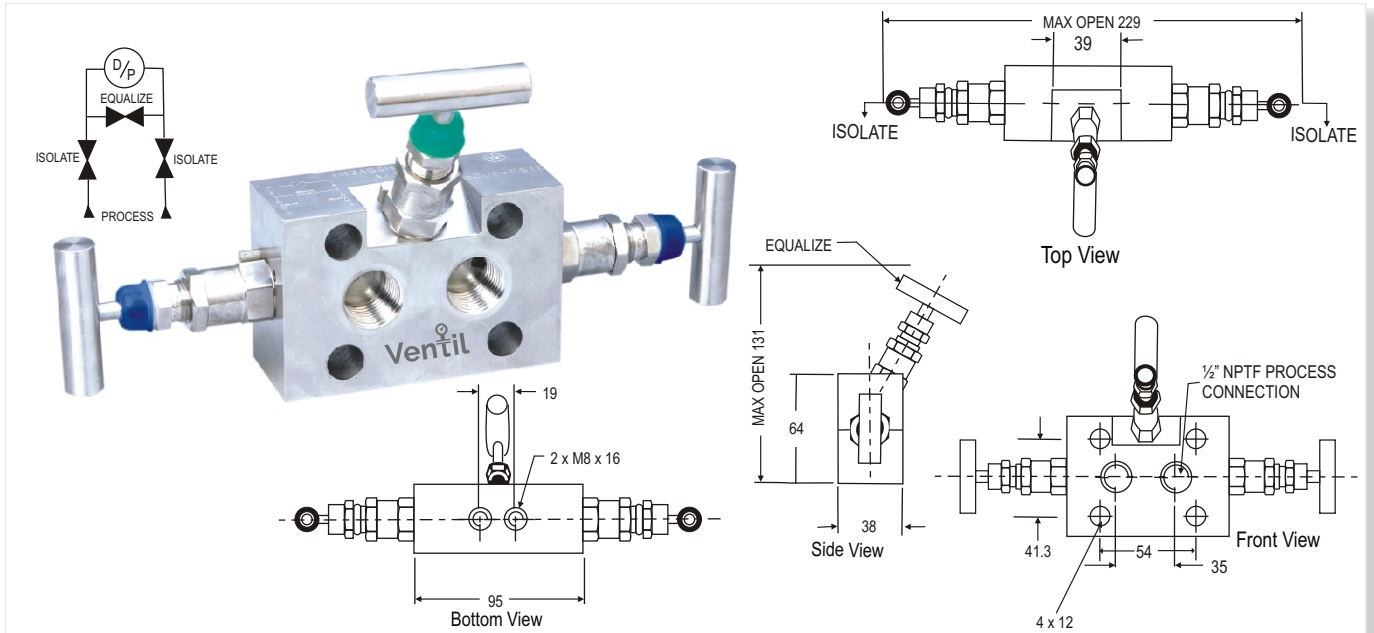


# THREE VALVE MANIFOLDS

## DIRECT MOUNT (PIPE TO FLANGE)

### MODEL CODE : K3VA

With two threaded horizontal port inlets on the front side and two Flange outlets on the back side. The two isolating bonnets are positioned on the left and right hand side, the equalizing bonnet is of angular design positioned on the top for easy operation.

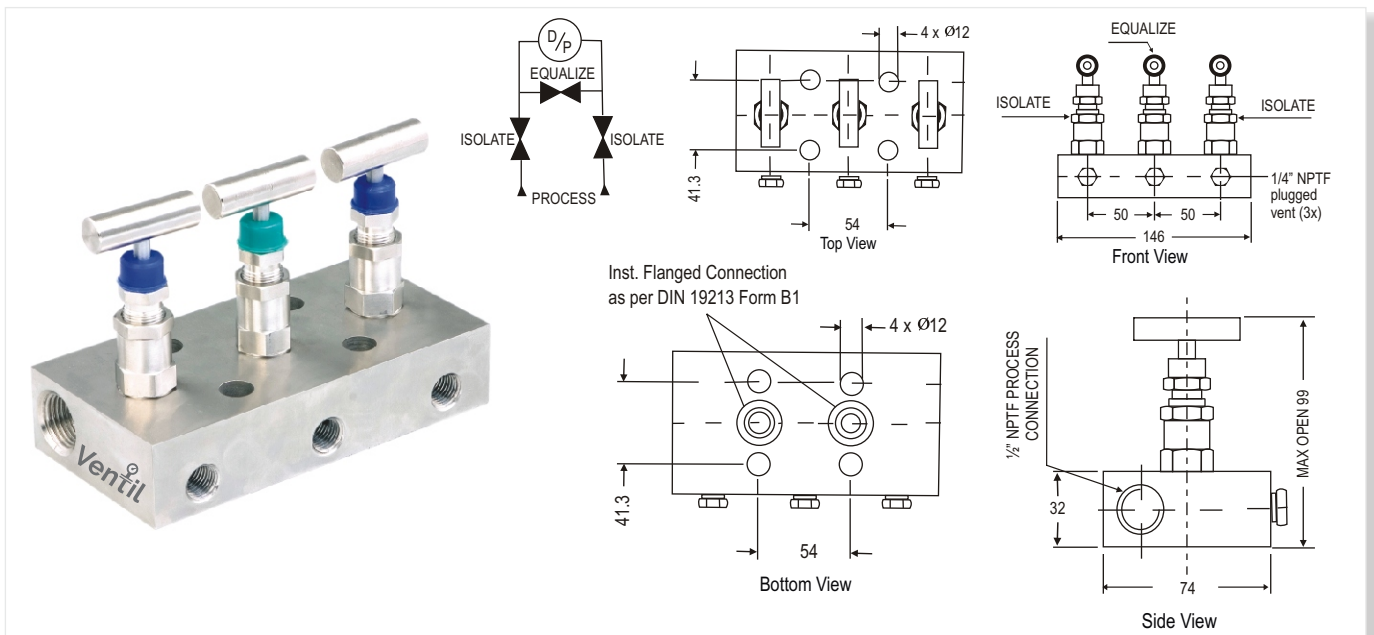


#### Standard Connection

| Product | Process side    | Instrument side |
|---------|-----------------|-----------------|
| K3VA    | 1/2" NPT female | Flange          |

### MODEL CODE : K3VF

With two threaded horizontal port inlets positioned on the left and right hand side and two Flange outlets on the back side. The two isolating bonnets and the equalizing bonnet are positioned on the front. Standard with three downstream test connections.



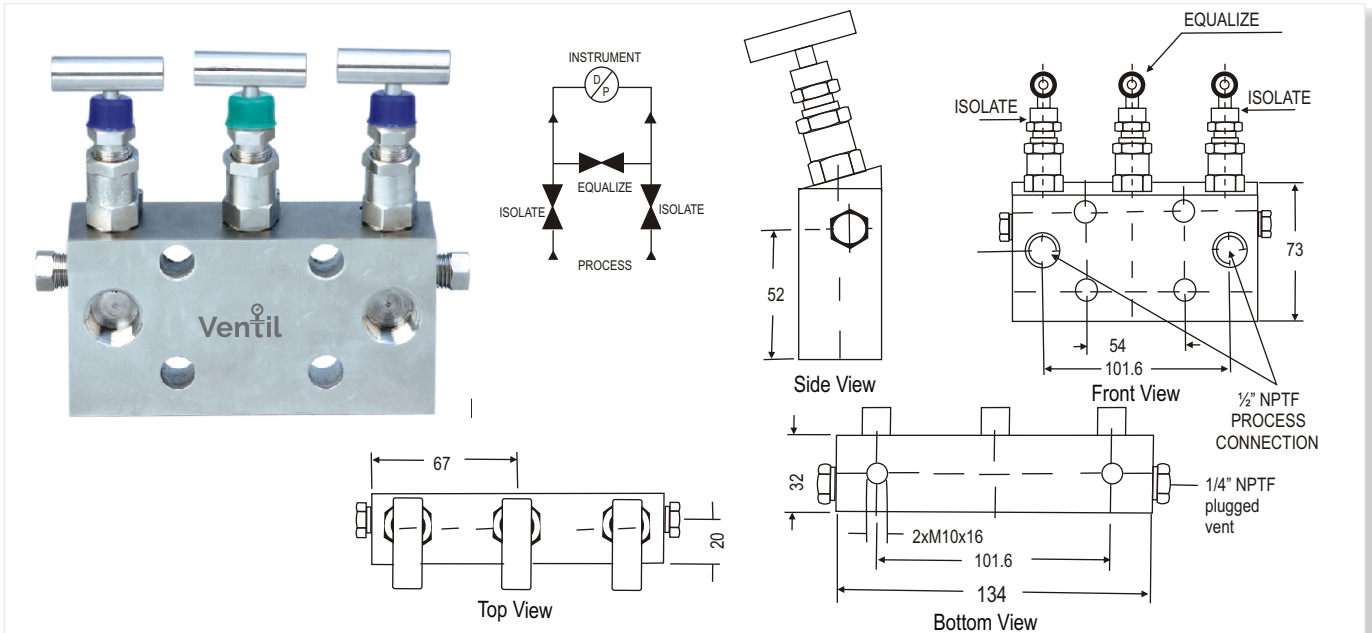
#### Standard Connection

| Product | Process side    | Instrument side | Vent/Test       |
|---------|-----------------|-----------------|-----------------|
| K3VF    | 1/2" NPT female | Flange          | 1/4" NPT female |

## DIRECT MOUNT (PIPE TO FLANGE)

### MODEL CODE : K3VP

With threaded horizontal port inlets positioned on the front and Flange outlets on the back side. The test connections are positioned on the left and right hand side. The isolating bonnets and the equalizing bonnet are positioned angular on the top of the body.

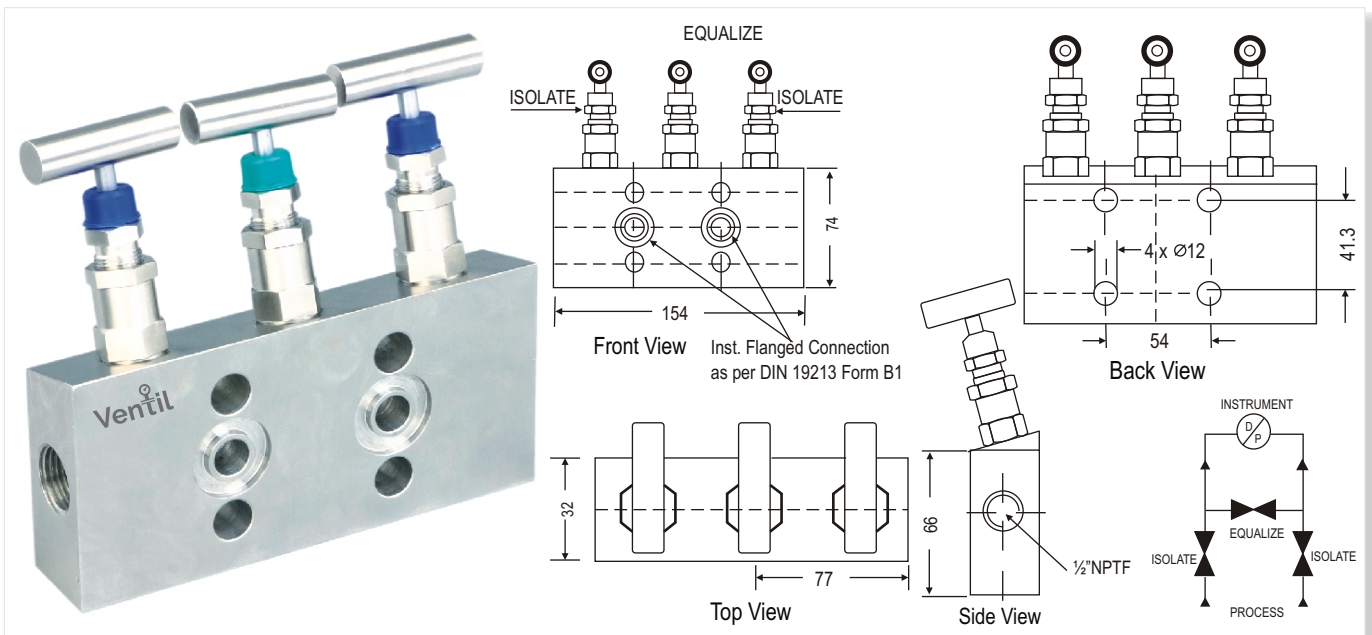


### Standard Connection

| Product | Process side    | Instrument side | Vent/Test       |
|---------|-----------------|-----------------|-----------------|
| K3VP    | 1/2" NPT female | Flange          | 1/4" NPT female |

### MODEL CODE : K3VO

With threaded horizontal port inlets on the left and right hand side and Flange outlets on the back side. The isolating bonnets and the equalizing bonnets are positioned angular on the top of the body.



### Standard Connection

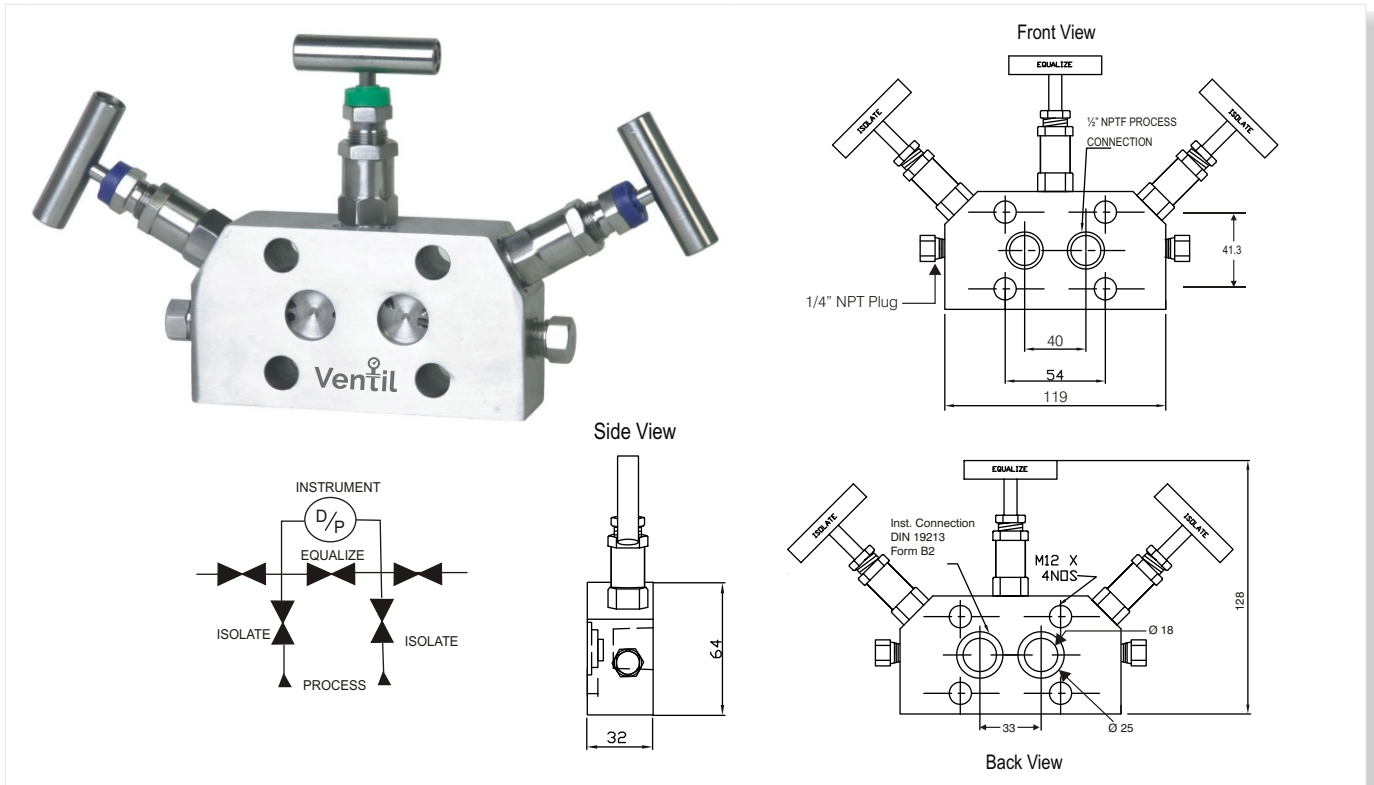
| Product | Process side    | Instrument side |
|---------|-----------------|-----------------|
| K3VO    | 1/2" NPT female | Flange          |

# THREE VALVE MANIFOLDS

## DIRECT MOUNT (PIPE TO FLANGE COPLANAR)

### MODEL CODE : K3V43

Coplanar mounting Three Valve Manifold with drain plugs. This manifold has two isolating valves, one equalizer valve & two vent ports duly plugged. when assembled to transmitter has the advantage of compact size with easy for operation in minimum space. The direct mounting facility to the base of the differential pressure transmitter result in less leakage points and more accurate measurements. This model mainly use for Rosemount Transmitter Model 3051



### Standard Connection

| Product | Process side    | Instrument side              | Vent/Test       |
|---------|-----------------|------------------------------|-----------------|
| K3V43   | 1/2" NPT female | Coplanar (DIN 19213 Form B2) | 1/4" NPT female |

Note : Optional Drain Plug with bleed available on request

### Specifications - Standard Version K3VA, K3VF, K3VP, K3VO, K3V43

|                             |   |
|-----------------------------|---|
| Body                        | : SS 316  |
| Stem                        | : SS 316  |
| Valve assembly              | : SS 316  |
| T' bar handle               | : SS 304  |
| Maximum working pressure    | : 6000 PSI  |
| Maximum working temperature | : 240°C   |
| Packing                     | : PTFE  |
| Type of stem                | : Type CT; Stem with conical metal tip                                  |
| Drain port                  | : 1/4" NPT [F]; provided with SS 316 plug [not available in Series 3VA] |
| Hard Chrome plating         | : Provided on stem tip.   |

DIRECT MOUNT (PIPE TO FLANGE)/(PIPE TO FLANGE COPLANAR)

**MODEL CODE : K3VA, K3VF, K3VP, K3VO, K3V43**

**Specifications - Standard Version K3VA, K3VF, K3VP, K3VO, K3V43**

## HOW TO ORDER

**BASIC MODEL : K3VA, K3VF, K3VP, K3VO, K3V43**

| Body Material    | Stem Type | Stem Packing   | Size = Inlet x Outlet | Connections                      | Threads                          |
|------------------|-----------|----------------|-----------------------|----------------------------------|----------------------------------|
| C = Carbon Steel | CT (std)  | P = PTFE (std) | 4F = 1/2" x Flange    | FD = Female x Flange(54mm)       | N = NPT (ANSI B 1.20.1)          |
| S = SS 316 (std) | DS        | G = Grafoil    | 2F = 1/4" x Flange    | FR = Female X Female<br>Rotating | P = BSPP<br>(BS 2779, ISO 228/1) |
| S4 = SS 304      |           |                | 4C = 1/2"x Coplanar   | SW = Socket Weld                 | B = BSPT (BS 21, ISO 7/1)        |
| SL = SS 316L     |           |                |                       | FC = Female x Colpanar           |                                  |
| M4 = Monel 400   |           |                |                       |                                  |                                  |
| M5 = Monel 500   |           |                |                       |                                  |                                  |
| H = Hastelloy C  |           |                |                       |                                  |                                  |

## OPTIONS

- IE : Handle circular.
- TF : Compliance to NACE standard MR-0175.
- SG : For Oxygen service, valves are supplied cleaned, degreased and suitably packed.
- GH : Material test certificate
- GO : Hydro test certificate
- MB : Mounting Bracket
- MBC : Mounting bolts (7/16" UNF) in carbon steel (Model : MBC - M45, MBC - M25)
- MBS : Mounting bolts (7/16" UNF) in SS (Model : MBS - M45, MBS - M25)
- PRF : PTFE Ring For Flange Seal
- GRF : Grafoil Ring For Flange Seal
- BLD4 : Bleeder 1/4" NPT (Male)
- ATV : Anti Tamper valve
- ATK : Anti Tamper key

## Ordering Example:

To place an order simply refer to the codes in the table.

| Valve Type | Body Material | Stem Type | Stem Packing | Size | Connections | Threads | Options |
|------------|---------------|-----------|--------------|------|-------------|---------|---------|
| K3VA       | S             | CT        | P            | 4F   | FD          | N       | GH      |

= K3VA-S-CT-P-4F-FD-N-GH

## NOTE:

- The weld prepared types are available with female plain end - suitable for socket weld.
- Anti-tamper bonnet - special design on request with locking arrangement if desired.