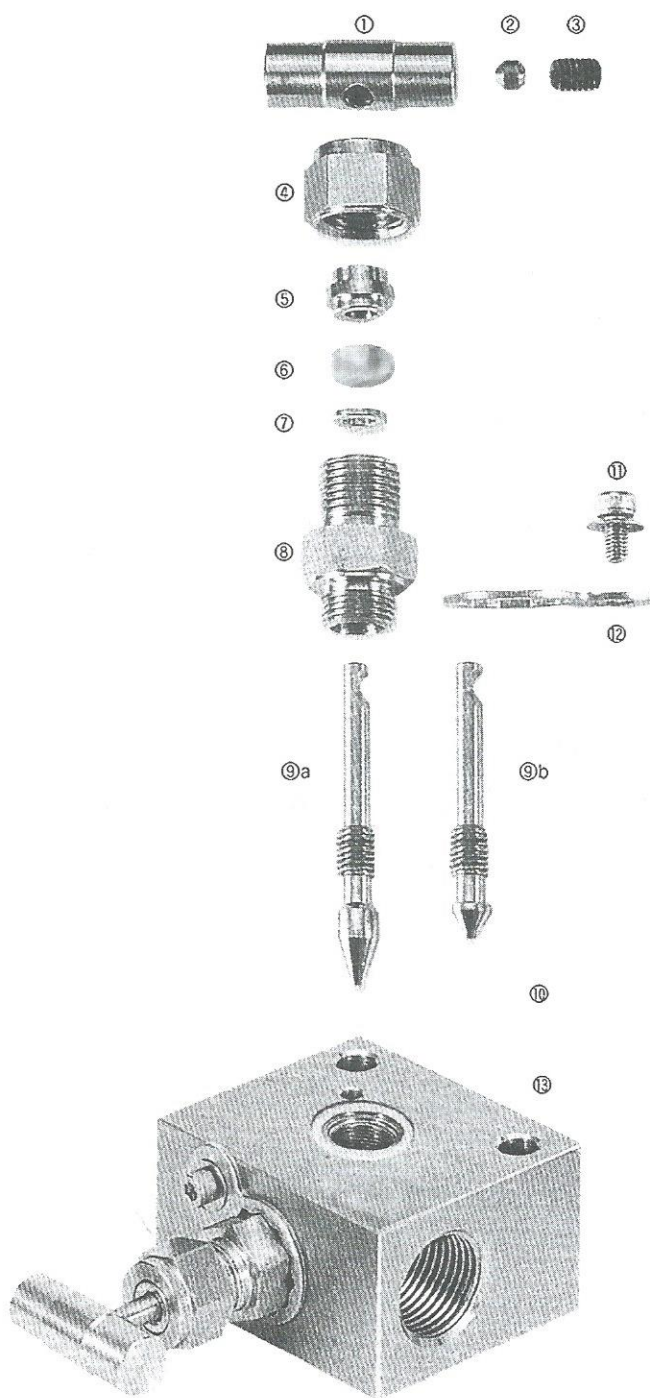## 2-VALVE MANIFOLD

2-Valve Manifold

AVLOK 2 -Valve Manifolds offer safety and reliability in a general purpose design. The simple 2- Valve Configuration allows for easy block, bleed and calibration of a static pressure transmitter or gauge. Valves are available with either metal seats or replaceable soft seat inserts. Connections are 1/2 female NPT on all three ports.

Specifications

• Connection : 1/2" Female NPT to 1/2" Female NPT
• One-piece, high strength body construction for safety no welding used.
• Stems feature an non-rotating top with an easily replaceable soft insert.
• Bonnet lock pin prevents accidental valve disassembly.
• 316 stainless steel construction for superior corrosion resistance
• Bonnet-to-body seals are metal-to-metal-no O-Rings used.
• Mounting holes provided for self supporting applications
• 100% pressure tested for shut-off and at all seals
• Manifolds feature at 4:1 safety factor

Materials of Construction

No.	Component	Material Specification
1.	Handle	Stainless Steel
2.	Handle Pin	Stainless Steel
3.	Set Screw	
4.	Packing Nut	Stainless Steel
5.	Upper Gland	
6.	Packing	TFE /Grafoil
7.	Lower Gland	316SS
8.	Bonnet	
9a.	Steam (Needle Tip)	
9b.	Steam (Vee Tip)	
10.	Soft Seat (Vee Tip)	Delrin
11.	Cap Screw	Stainless Steel
12.	Lock Plate	
13.	Manifold Body	316SS

All dimensions are for reference only, and are subject to change without prior notice.
Sizes and types other than those featured above are available on request.
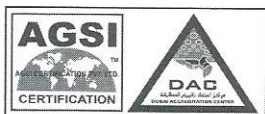
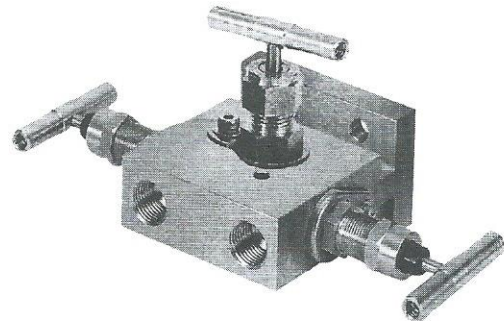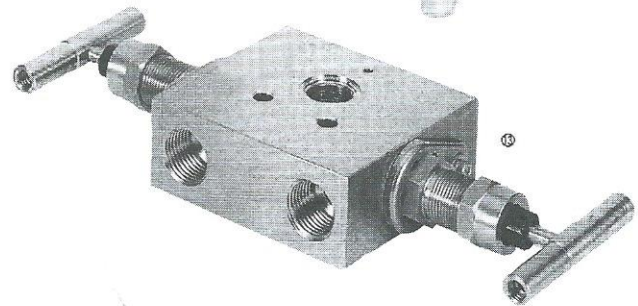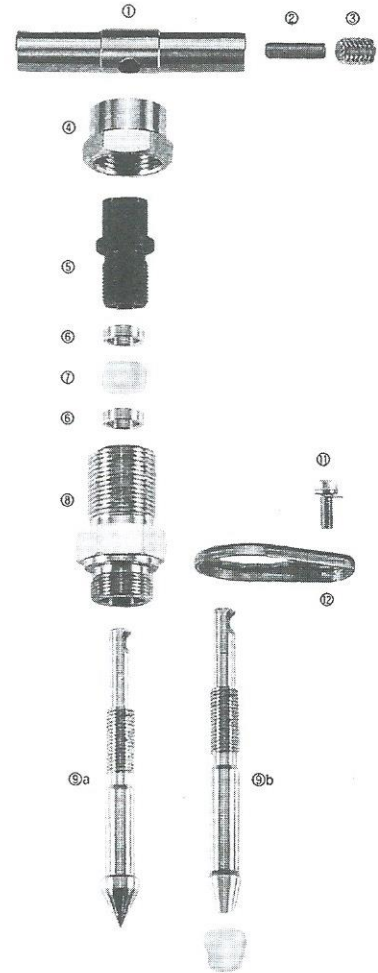## 3-VALVE MANIFOLD

3-Valve Manifold

The AVLOK Pipe to Pipe 3-Valve Manifold is a general purpose design for connection system impulse lines and transmitters. This manifold consists of two block Valves and an equalizer valve. Connection are 1/2" Female NPT on 2-1/8" (54mm) centres for safety, an bonnet lock pin is standard.

Specifications

- Connection : 1/2" Female NPT to 1/2" Female NPT
- One-piece, high strength body construction for safety no welding used.
- 316 stainless steel construction for superior corrosion resistance
- Bonnet lock pin prevents accidental valve disassembly.
- 2-1/8" (54mm) Port centerline dimension for proper alignment.
- 100% pressure tested for shut-off and at all seals
- Manifolds feature at 4:1 safety factor

Materials of Construction

No.	Component	Material Specification
1.	Handle	Stainless Steel
2.	Handle Pin	Stainless Steel
3.	Set Screw	Stainless Steel
4.	Lock Nut	Stainless Steel
5.	Packing Bolt	316SS
6.	Packing Support	Reinforced TFE
7.	Packing	TFE /Grafoil
8.	Bonnet	316SS
9a.	Steam (Needle Tip)	316SS
9b.	Steam (Plug Tip)	316SS
10.	Seat (Plug Tip)	Delrin
11.	Lock Plate	Stainless Steel
12.	Cap Screw	Stainless Steel
13.	Manifold Body	316SS

All dimensions are for reference only, and are subject to change without prior notice.
Sizes and types other than those featured above are available on request.

5-VALVE MANIFOLD

5-Valve Manifold

5-Valve Manifold offer two mainline block valves and a double block and bleed valve for the equalizer line. The manifold is primarily intended for gas service and is used to connect differential pressure transmitters to system flow meters. Connections are 1/2" Female NPT on 2-1/8" (54mm) centres Standard feature include two 1/4" NPT static pressure connections on the instrument side and one 1/4" NPT vent connection from the bleed valve.

Specifications

- Connection : 1/2" Female NPT to 1/2" Female NPT
- One-piece, high strength body construction for safety no welding used.
- Bonnet lock pin prevents accidental valve disassembly.
- 2-1/8" (54mm) Port centerline dimension for proper alignment.
- 100% pressure tested for shut-off and at all seals
- 316 stainless steel construction for superior corrosion   resistance
- Bonnet-to-body seals are metal-to metal. No O-Rings are used.
- Manifolds feature a 4:1 safety factor.
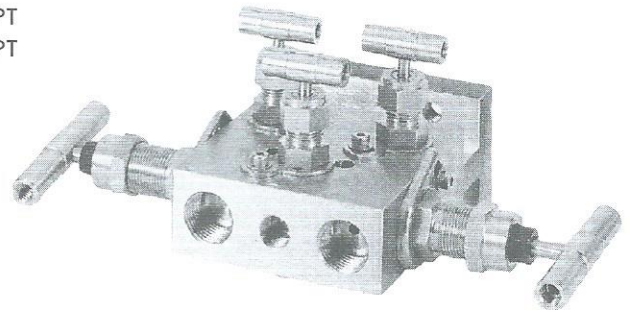
Manifold Bodies

Equalizer & Bleed Valves

HIGH-STRENGTH BODY
feaures one-piece construction without welds.

CLEAN SMOOTH INTERNAL FINISH
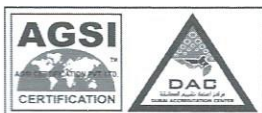eliminates the potential of seat leakage due to intenal particulate.

Block Valves

Block Valves

METAL-TO-METAL, BONNET-TO-BODY SEALS
eliminate need for O-Rings.

2-1/8˝ (54mm) PORT CENTERLINE
ensures proper instrument alignment

316 STAINLESS STEEL CONSTRUCTION
- Provides superior corrosion resistance
- withstands heavy-duty service.

All dimensions are for reference only, and are subject to change without prior notice.
Sizes and types other than those featured above are available on request.