



# ALIA VALVE

## 2-Valve Manifolds / 3-Valve Manifolds / 5-Valve Manifolds

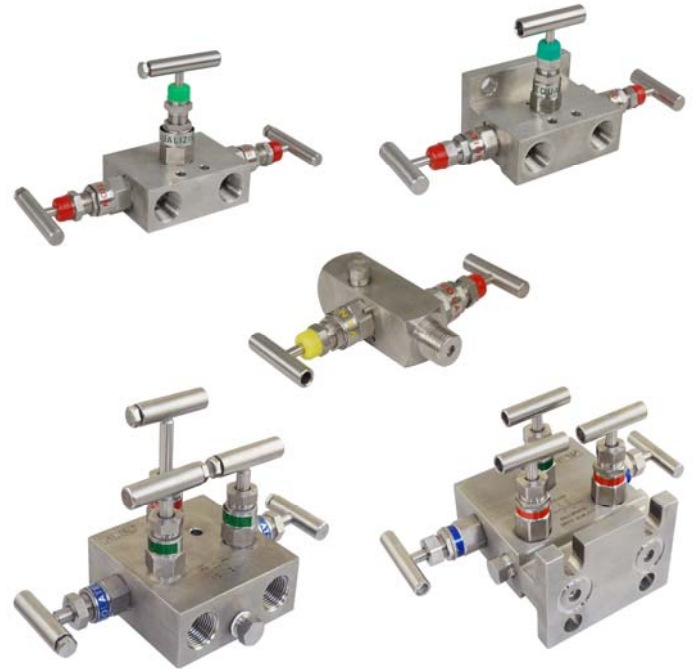
### Model AHV400 Series

### GENERAL

**ALIA VALVE** The AHV400 Series manifolds feature a horizontal body design. Manifolds are constructed out of bar-stock and forged material in 316 Stainless Steel as Standard.

Standard models are available in 2-, 3-, 5-way configurations together with a full range of connection types; custom designs are available on demand.

Each manifold undergoes hydraulic pressure, pneumatic pressure, vacuum, vibration and thermal stability testing to ensure product integrity.

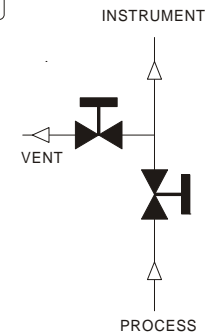
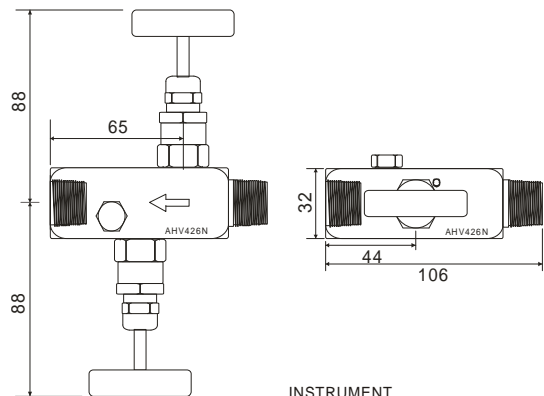


### FEATURES

- ❑ All 316 Stainless steel construction
- ❑ Convenient method for blocking, exhausting, and calibrating pressure instruments
- ❑ Flange seals and flange bolts are included with manifold
- ❑ Designed for connecting system impulse line & transmitter
- ❑ Special hardened ball seat is ideal for both gas and liquid service
- ❑ All stem packing is located below to stem threads presenting galling, corrosion and contamination
- ❑ One piece construction for higher pressure

### Double Block & Bleed Gauge Valves

Design for use with gauges, switch or pressure transmitter. These gauge valve incorporates two-valve with single outlet that combines isolation, calibration and ventilation.



- Model : AHV426N
- Test Pressure : @25 °C Room Temperature
  - Hydrostatic : Body-620 bar
  - : Seat-415 bar
  - Pneumatic : Seat-40 bar
  - Gland Packing : PTFE
- Material
  - Body : Stainless Steel 316
  - Wetted Parts : Stainless Steel 316
  - Plate : Stainless Steel 316
- Max. Temperature : 180 °C
- Connections
  - Process : 1/2" NPT (Male)
  - Instrument : 1/2" NPT (Female)



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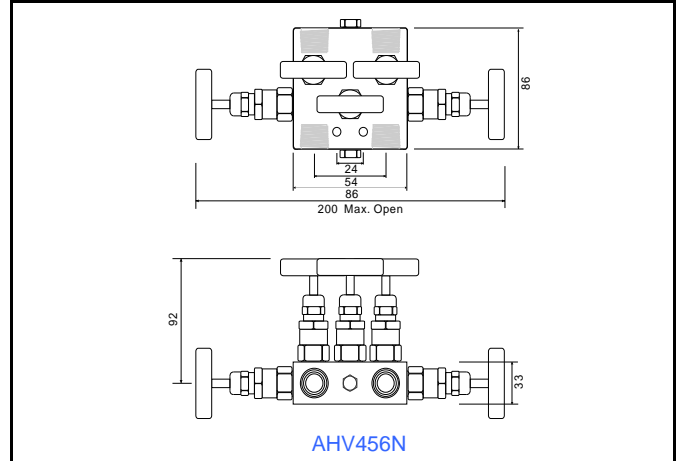
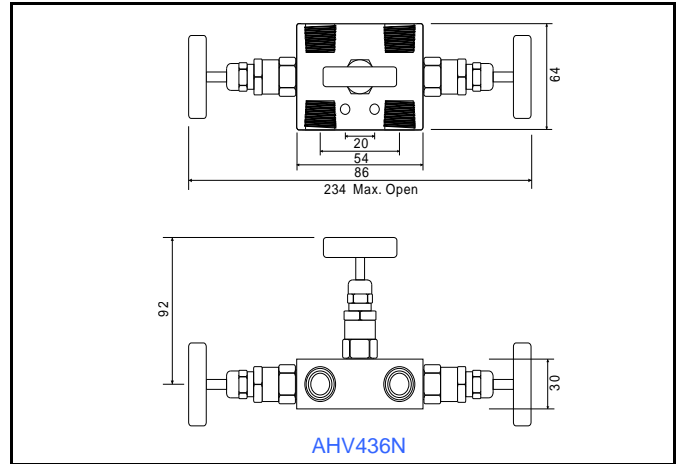


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 AHV400V1.2.3.r1.A4.en

**➤ Remote Mounted 3-, 5-Valve Manifold**

Designed for applications to facilitate remote mounting of differential pressure instruments. Dimensions shown right are for the standard 54 mm or 2-1/8" instrument connection. Centre distance found in majority of instruments. Useful for installations in remote fields eliminating conventional method of piping.

- Model : AHV436N / AHV456N
- Test Pressure : @25 °C Room Temperature
  - Hydrostatic : Body-620 bar
  - : Seat-415 bar
  - Pneumatic : Seat-40 bar
  - Gland Packing : PTFE
- Material
  - Body : Stainless Steel 316
  - Wetted Parts : Stainless Steel 316
  - Plate : Stainless Steel 316
- Max. Temperature : 180 °C
- Connections
  - Process : 1/2" NPT (Female)
  - Instrument : 1/2" NPT (Female)



**➤ T-Type Direct Mounting 3-, 5-Valve Manifold**

Designed for applications to facilitate remote mounting of differential pressure instruments. Dimensions shown above are for the standard 54 mm or 2-1/8" instrument connection. Centre distance found in majority of instruments. Useful for installations in remote fields eliminating conventional method of piping.

- Model : AHV436T / AHV456T
- Test Pressure : @25 °C Room Temperature
  - Hydrostatic : Body-620 bar
  - : Seat-415 bar
  - Pneumatic : Seat-40 bar
  - Gland Packing : PTFE
- Material
  - Body : Stainless Steel 316
  - Wetted Parts : Stainless Steel 316
  - Plate : Stainless Steel 316
- Max. Temperature : 180 °C
- Connections
  - Process : 1/2" NPT (Female)
  - Instrument : Direct on instrument

