

Flow Test Assembly

FIG. F6012

Descriptions

The F6012 Flow Test Assemblies are compact, fully-assembled risers designed for wet pipe fire sprinkler systems in accordance with NFPA requirements. In case of fire, the flow switch creates a signal due to the flow of water in the pipe. It sends this signal to a control board or an electric bell to indicate the floor, zone, or branch of the building that is on fire. The sprinkler system can be instantly tested and drained via the orifice of its test and drain valves.

Features

The F6012 Flow Test Assembly consists of a flow switch, a three-way gauge valve, a pressure gauge and a convenient test and drain valve. Can be mounted horizontally or vertically.

Assembly

- Maximum Service Pressure: 300psi
- Operating Temperature Range: 0°C-49°C
- Pipe Diameter: 50, 65, 80, 100, 150, 200mm (2", 2.5", 3", 4", 6", 8")

• End Connections: Grooved Ends

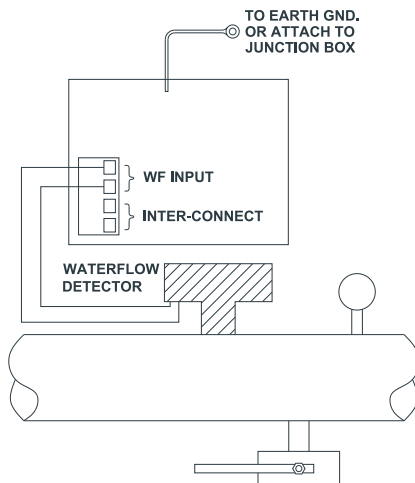
Flow Detector

- Contact Rating: 8A at 125/250VAC; 3A at 24VDC
- Flow Sensitivity Range for Signal: 15-37.8L/min (4-10GPM)
- Conduit entrances: ϕ 22.2mm
- Operating Temperature Range: 0°C-49°C

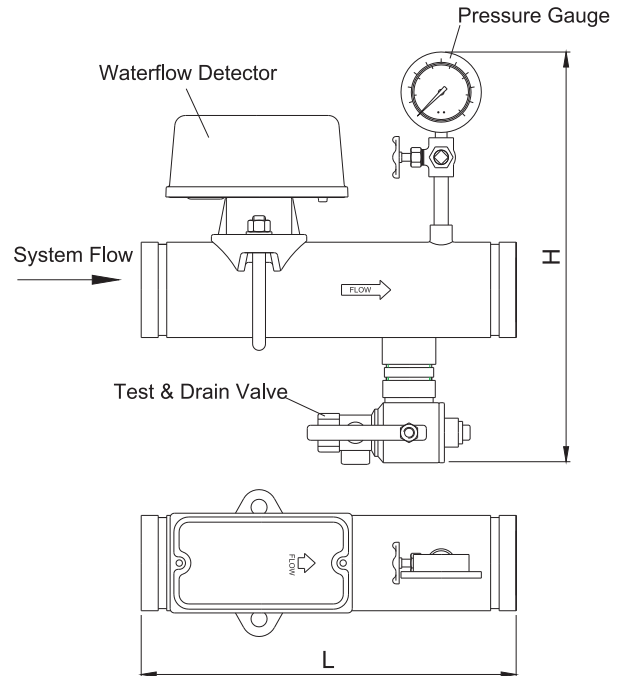
Material

- Manifold Body: Carbon Steel
- 3-way Valve: Brass
- Pipe Joint: Carbon Steel
- Groove Clamp: Ductile Iron
- Male Joint: Malleable Iron
- Test and Drain Valve: Brass

Wiring



Outline Dimensions (mm / Inch)



Size	L	H
2"/DN50	350/13.8	355/14.0
2-1/2"/DN65	350/13.8	375/14.8
3"/DN80	350/13.8	390/15.4
4"/DN100	350/13.8	420/16.5
6"/DN150	350/13.8	475/18.5
8"/DN200	350/13.8	525/20.7

Note

• Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.