MARTFLOW



1/2" Pressurized Hot Water Flowmeter



General Description

Smartflow Hot Water Flowmeters are durable, vane-operated devices that provide visual indication of flow rate in gallons or liters per minute. The robust flow body is machined from solid stainless steel material with 1/2"NPT or 1/2"BSPP threaded connection. The indicator ball is separated from the process by a high pressure silicone gasket and stainless steel plate. High temperature glass retains the indicator ball. This flowmeter is designed specifically for high temperature pressurized water circulating loops.

Features and Benefits

- ♦ Compact size works well in restricted-space locations.
- ♦ Rugged construction provides years of dependable service.
- ♦ Optional Temperature Gauge provides added function.
- 400°F (204°C) Temperature Rating allows installation into high temperature applications.
- ♦ 250psi (17.2bar) Pressure Rating satisfies most pressurized water system requirements.
- ♦ Economical for use in many locations throughout the plant.
- ♦ Line mounted for easy installation without extra brackets or hardware.

Model Numbers

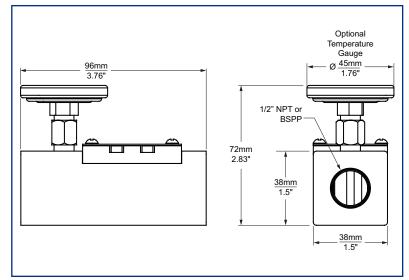
| Model No. | Temp. Gauge | Inlet Size | Flow Range |
|-------------|----------------|------------|---------------|
| HWF4-A-60 | no | 1/2"NPT | 2-6 gpm |
| HWF4B-A-220 | no | 1/2"BSPP | 5-22 lpm |
| HWF4-B-60 | yes | 1/2"NPT | 2-6 gpm |
| HWF4B-B-220 | yes | 1/2"BSPP | 5-22 lpm |

Wetted Parts and Materials

| Flow Body | Stainless Steel |
|----------------|------------------------|
| Viewing Window | High Temperature Glass |
| Vane | Stainless Steel |
| Spring | Stainless Steel |
| Pin | Stainless Steel |
| Gasket | Silicone |
| Magnet | Sintered Alnico 8HE |

Specifications

| - | |
|--------------------------|---------------------|
| Threaded Connections | 1/2"NPT or BSPP |
| Operating Temperature ma | ax400°F (204°C) |
| Operating Pressure max | 250 psi (17.2 bar) |
| Flow Range | 2-6 gpm or 5-22 lpm |
| Flow Accuracy | ±10% |





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Design and specifications are subject to change without notice.