

SMARTFLOW® Hot Water/Oil Flowmeters



HF4-B-60
Hot water/oil

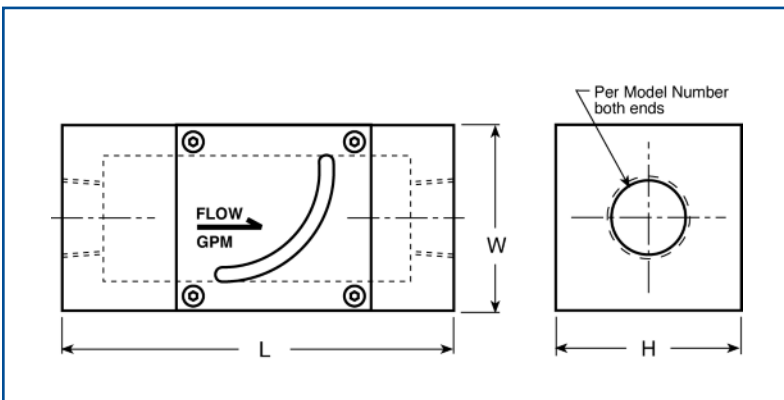
HF8-A-40
Hot Oil Only

General Description

Smartflow® Hot Water/Oil Flowmeters are durable, vane-operated devices that provide visual indication of flow rate in gallons or liters per minute. The indicator ball is separated from the process by a high temperature gasket and stainless steel plate. A glass window retains the indicator ball. This flowmeter is designed specifically for high temperature circulating loops in industrial processes.

Features and Benefits

- ◆ **Compact size** works well in restricted-space locations.
- ◆ **Rugged construction** provides years of dependable service.
- ◆ **Optional Temperature Gauge** provides added function.
- ◆ **550°F (288°C) Temperature Rating** allows installation into high temperature applications.
- ◆ **Economical** for use in many locations throughout the plant.
- ◆ **Line mounted** for easy installation without extra brackets or hardware.



Model Numbers

Model HF4

Stainless steel body with 1/2"NPT connection, suitable for hot oil or pressurized water applications, 2-6 GPM or 5-22 LPM scale.

Model No.	Temp. Gauge	Inlet Size	Flow Range
HF4-A-60	no	1/2" NPT	2-6 gpm
HF4B-A-220	no	1/2" BSPP	5-22 lpm
HF4-B-60	yes	1/2" NPT	2-6 gpm
HF4B-B-220	yes	1/2" BSPP	5-22 lpm

L = 3.75" (95.3mm)

W = 1.5" (38.1mm)

H = 1.5" (38.1mm)

Model HF8

Carbon steel body (black oxide finish) with 1"NPT connection, suitable for hot oil applications, 5-40 gpm or 20-150 lpm scale

Model No.	Temp. Gauge	Inlet Size	Flow Range
HF8-A-40	no	1" NPT	5-40 gpm
HF8-A-1500	no		20-150 lpm
HF8-B-40	yes		5-40 gpm
HF8-B-1500	yes		20-150 lpm

L = 4.75" (120.6mm)

W = 2.25" (57.2mm)

H = 2.25" (57.2mm)

Wetted Parts and Materials

Viewing WindowGlass
 VaneStainless Steel
 SpringStainless Steel
 PinStainless Steel
 GasketNon-Asbestos Fiber
 MagnetSintered Alnico 8HE

Specifications

Operating Temperature max.550°F (288°C)
 Operating Pressure max.150 psi (10.3 bar)
 Accuracy±10%

Design and specifications are subject to change without notice.