



VLF Flowmeters

Models VLF 4 (1/8")

VLF 8 (3/8"), VLF 20 (3/4")

SPECIFICATIONS

DESCRIPTION

Actaris VLF (very low flow) flowmeters have been designed to measure the flow of light fuel or diesel oil. They are available in three different sizes: 1/8", 3/8" and 3/4" to measure flow rates ranging from 0.25 to 390 gph. The oscillating piston of these flowmeters forms two measuring chambers that are alternately filled and emptied. The passing oil is measured by fractions reflected by the register.

The register unit of the VLF 8 and VLF 20 is housed in a vacuum sealed casing. It is secure from dirt, dust and condensation.

Operation of the flowmeters can be verified at any time by checking the disc rotation in the dial center. This allows accurate monitoring and prompt adjustment of the burner. Flow volume can be determined and quickly compared with the optimal adjustment, allowing full control of oil consumption.



Note: A fine filter is built into the inlet but should the liquid being metered contain foreign matter, a separate screen or removable filter of appropriate size should be fitted on the inlet side. The filter mesh should not be larger than 50 micron for the VLF 4 and VLF 8 meters and 100 micron for the VLF 20.

SPECIFICATIONS (for light oils and diesels only)

MODEL	VLF 4 (1/8")	VLF 8 (3/8")	VLF 20 (3/4")
Flow Rate	0.25 to 20 gph (1-80 dm ³ /hr)	1 to 50 gph (4-200 dm ³ /hr)	9 to 390 gph (30-1500 dm ³ /hr)
Accuracy	±1%	±1%	±1%
Repeatability	±.1%	±.1%	±.1%
Operating Temperature	140°F (60°C)	140°F (60°C)*	260°F (130°C)*
Operating Pressure	350 psi (25 bar)*	350 psi (25 bar)*	225 psi (16 bar)*
Dial Registration	0.001 USG (.01 Litres)	0.01 USG (.1 Litres)	0.01 USG (0.1 Litres)

*Maximum

