

# HEAVY-DUTY INDUSTRIAL ROTAMETERS

**CAPACITIES: 0.055 to 6.28 GPM of Water,  
0.22 to 25.76 SCFM of Air**

## FL-1600A Series

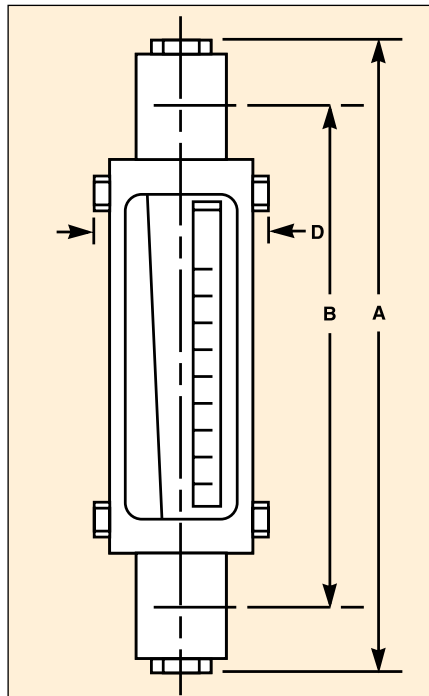


- ✓ ±2% Full Scale Accuracy
- ✓ ±½% Full Scale Repeatability
- ✓ Dowel-Pin, Side-Plate Construction
- ✓ 10 to 100% of Flow Scale
- ✓ Correlation Equations Permit Use with Any Fluid
- ✓ Packing Glands for Industrial Installations
- ✓ Shielded for Use in Pressurized Systems
- ✓ Horizontal Ports for Panel Mounting

OMEGA® FL-1600 industrial flowmeters are designed for high-accuracy industrial uses. They feature dowel-pin, side-plate construction and externally adjustable packing glands for use in industrial piping systems.

### SPECIFICATIONS

**Metering Tube:** Borosilicate glass  
**Floats:** 316 SS  
**End Fittings:** 316 SS standard



**Packing Material:**  
**316 SS Meters:** PTFA  
**O-Rings:** PTFA  
**Side Plates:** Aluminum  
**Gland Rings:** Steel  
**Safety Glass Windows:** Aluminum frames  
**Gland Followers:** Aluminum  
**Scale:** 250 mm (9.8"), detachable metal plate  
**Accuracy:** ±2% full scale  
**Repeatability:** ±0.5% full scale  
**Max Temp:** 121°C (250°F)

*For correlation with other fluids, visit us online*



FL-1601A, shown much smaller than actual size.

### Dimensions: mm (inch)

Model No.	A	B	D
FL-1601A, 1602A	518 (20.4)	419 (16.5)	83 (3.3)
FL-1603A	559 (22)	445 (17.5)	95 (3.8)
FL-1604A, 1605A	581 (22.9)	445 (17.5)	108 (4.3)

To Order					
Model No.	Range Air (SCFM)	Range Water (GPM)	Pressure Drop (H <sub>2</sub> O)	Maximum Pressure (psig)	Ports FNPT
FL-1601A	0.22 to 2.22	0.055 to 0.55	3"	300	½
FL-1602A	0.428 to 4.28	0.10 to 1.04	9"	300	½
FL-1603A	0.796 to 7.96	0.19 to 1.90	6"	175	¾
FL-1604A	1.80 to 18.05	0.45 to 4.54	9"	100	¾
FL-1605A	2.5 to 25.76	0.63 to 6.28	13"	100	¾

Comes complete with operator's manual.

**Ordering Examples:** FL-1602A, rotameter, 0.428 to 4.28 SCFM air and 0.10 to 1.04 GPM water.  
 FL-1603A, rotameter, 0.796 to 7.96 SCFM air and 0.19 to 1.90 GPM water.