

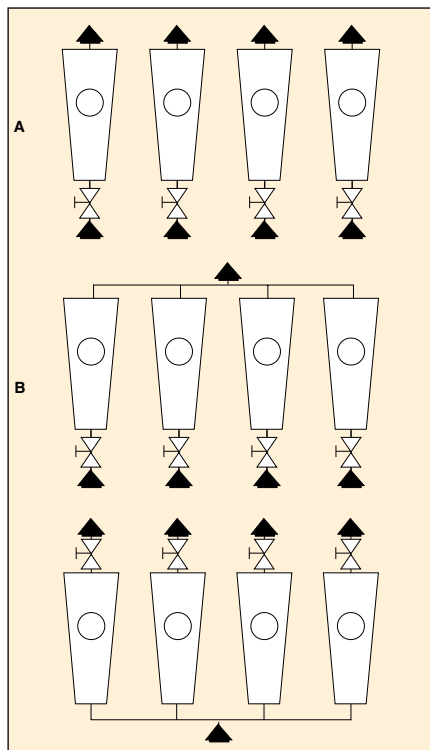
MULTIPLE TUBE VARIABLE AREA FLOW METER

FL-2AA Series

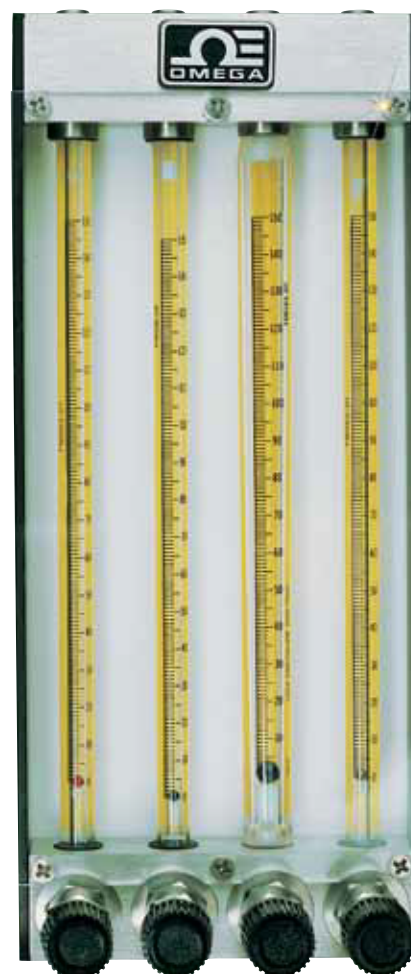


Optional

- ✓ High Accuracy, $\pm 2\%$ Full Scale
- ✓ Variety of Flow Configurations
- ✓ Interchangeable 150 mm Flow Tubes
- ✓ Scales Designed to Minimize Parallax and Eye Fatigue
- ✓ Available with High Precision Valves
- ✓ Panel Locking Nuts Included



Shown smaller than actual size.



CUSTOM BUILT TO ORDER!

OMEGA's multi-tube variable area flow meter are convenient for applications where up to six streams of liquids or gases are to be metered in individual channels. Flow pattern B represents multiple inlets manifolded into one outlet (see diagram). To obtain one inlet split off into multiple outlets, flow pattern B can be turned upside down and the flow tubes inverted in the field. The variable area flow meter end fittings can be supplied in aluminum or 316 SS. Precision metering valves with 16 turn non-rising stems are also available (consult Sales).

SPECIFICATIONS

Repeatability: $\pm 0.25\%$ full scale

Maximum Pressure: 13.8 bar (200 psig)

Maximum Temperature: 121°C (250°F) 82°C (180°F) for water

Connections: 1/8 FNPT

To Order

For Two Tubes – 249.25 H x 57.15 mm W (9.813 x 2.25")

Model No.	Frame Flow Pattern	End Fittings
FL-2AA-(*)-(*)	A	Aluminum
FL-2SA-(*)-(*)	A	316 SS
FL-2AB-(*)-(*)	B	Aluminum
FL-2SB-(*)-(*)	B	316 SS

For Three Tubes – 249.25 H x 82.55 mm W (9.831 x 3.25")

FL-3AA-(*)-(*)-(*)	A	Aluminum
FL-3SA-(*)-(*)-(*)	A	316 SS
FL-3AB-(*)-(*)-(*)	B	Aluminum
FL-3SB-(*)-(*)-(*)	B	316 SS

For Four Tubes – 249.25 H x 107.95 mm W (9.813 x 4.25")

FL-4AA-(*)-(*)-(*)-(*)	A	Aluminum
FL-4SA-(*)-(*)-(*)-(*)	A	316 SS
FL-4AB-(*)-(*)-(*)-(*)	B	Aluminum
FL-4SB-(*)-(*)-(*)-(*)	B	316 SS

Comes complete with air and water correlation sheet for each tube. Delivery time depends on configuration.

* Select the desired 150 mm flow tube from those listed on online. Delete the FLT-prefix and insert the remaining suffix from the flow tube into the model numbers above. Add the price of the flow tubes to the price of the frame.

For NIST calibration, add suffix "-NIST AIR" or suffix "-NIST WATER" to model number, for additional cost.

Ordering Example: FL-3SA-45G-61G-61C calls out a three tube meter with 316 SS end fittings, independent inlets and outlets with the FLT-45G, FLT-61G and FLT-61C 150 mm flow tubes installed in the unit.