The Venturi Flow Meter with Magnehelic® Gage is fabricated from aluminum and has a gradual Venturi profile to reduce pressure losses through the meter. Flexible connections enable the meter to be used in vertical or horizontal applications. The Magnehelic® gage provides a large, clear and accurate display of your differential pressure reading. Each meter is calibrated at standard atmospheric conditions. The dual scale reads in SCFM and in w.c. The meter is supplied with easy to read reference charts for various flow conditions. It is available in line sizes from 1” to 4” and can handle vacuum and alkyd coating, nickel plate, zinc plate, helsel FC, 300 series stainless steel, PTFE, Loctite® AV sealant, commercial black rubber, neoprene, samarium cobalt, nickel alloy steel cover, beryllium copper.

**Housing:** Die cast aluminum case and bezel, with acrylic cover. Exterior finish is coated gray to withstand 168 hour salt spray corrosion test. 

**Accuracy:** ±2.5% FS.

**Pressure Limits:** -20” Hg to 15 psig (-0.677 bar to 1.034 bar); MP option: 35 psig (2.41 bar). For applications with high cycle rate within gage total pressure rating, next higher rating is recommended.

**Overpressure:** Relief plug opens at approximately 25 psig (1.72 kPa).

**Temperature Limits:** 20 to 140°F (-6.67 to 60°C).

**Gage Assembly:** 4˝ (101.6 mm) diameter dial face.

**Housing:** Die cast aluminum case and bezel, with acrylic cover. Exterior finish is coated gray to withstand 168 hour salt spray corrosion test.

**Weight:** Gage only: 1 lb 2 oz (510 g), MP & HP 2 lb 2 oz (963 g).

**Venturi:** see chart.

### ACCESSORIES

| MV4-LM1, Mini brass ball valve with lever handle. | $8.10 |
| MV4-LM2, Mini brass valve with tee handle. | $7.70 |
| MV5-WM1, Mini brass ball valve with wedge handle. | $6.30 |

**Option Number**

- VF1: 1" FNPT
- VF2: 1.5" FNPT
- VF3: 2" FNPT
- VF4: 3" FNPT
- VF5: 4" FNPT

**Range**

- 0-40 in w.c. & 0-40 SCFM air
- 0-20 in w.c. & 0-20 SCFM air
- 0-10 in w.c. & 0-10 SCFM air
- 0-40 in w.c. & 0-40 SCFM air
- 0-20 in w.c. & 0-20 SCFM air
- 0-10 in w.c. & 0-10 SCFM air

**Line Size**

- 1" (2.54 cm)
- 1.5" (3.81 cm)
- 2" (5.08 cm)
- 3" (7.62 cm)
- 4" (10.16 cm)

**Weight (Not Including Gage)**

- 1 lb 2 oz (510 g)
- 2 lb 2 oz (963 g)

**Price**

- $450.00
- $850.00

Loctite® is a registered trademark of Henkel Corporation

**CALL TO ORDER:** U.S. Phone 219 879-8000 • U.K. Phone (+44) (0)1494-461707 • Australia Phone (+61) (0) 2 4272 2055