VENTILATION PRESSURE SURVEY SET

MAGNEHELIC - TYPE

It comprises two imported Magnehelic
a) Range 0-10 mm &
b) Range 0-100 mm

1. 100m Rubber Tubing
2. 1m Rubber Tubing
3. One pocket thermo-meter

Price : On request
Delivery : Within 4 weeks after receipt of your formal order

Select the Magnehelic gage for high accuracy-guaranteed within 2% of full scale. Using simple, frictionless Magnehelic movement, it quickly indicates low air or non-corrosive gas pressure - either positive, negative (vacuum) or differential. The design resists shock, vibration and over-pressures. No manometer fluid to evaporate, freeze or cause toxic or leveling problems. It's inexpensive, too.

Performance : They are being used satisfactorily at Research & Educational institutes like I. S.M. Dhanbad.

INSTRUCTION FOR USING MAGNEHELIC FOR VENTILATION PRESSURE SURVEY

1. To zero the gauge after installation :

   Set the indicating Pointer exactly on the zero mark, using the external zero adjusting screw on the cover at the bottom. Note that the zero check or adjustment can only be made with the high and low pressure taps both open to atmosphere.

2. Differential Pressure:

   Connect tubing from the greater of two pressure sources to either high pressure port and the lower to either low pressure port. Plug both unused ports.

   For portable use or temporary installation use 1 /8" pipe thread to rubber tubing adapter and connect to source of pressure with rubber tubing of 1 m & 60/100 m

3. Note the pressure difference on magnehelic (Range 0-10 mm Water Gage)
4. For pressure survey across the ventilation door, use magnehelic with 0-100 mm water gage range

USEFUL CONVERSIONS:

Pressure : 250 Pascals = 250 N/m^2 = 2.5 m bar = 25.5 mm H20 = 25.5 kg/mm^2 = 1.004 Wg = 0.036 lb/in^2

Volume : 100 m/hr^3 = 58.8 cfm = 27.78 l/s Velocity : 1 m/s = 197 ft/min = 2.24 mph.

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