

Orifice Plate Flowmeter

Features

- Direct Reading Scale
- Wafer Flange Connections
- Compact Construction
- Vertical or Horizontal mounting
- Integral Bleed & drain
- Bypass Isolation valves
- High flow capacities
- Optional Alarm

Specifications

Gas Range:	20 – 7000 m ³ /h (air equivalent)
Liquid Range:	2 – 1000 m ³ /h (water equivalent)
Scale Length:	100mm
Accuracy:	±2% FSD
Temperature:	-15 to 90 °C
Orifice Carrier:	316 S/S flow orifice mounted in a polyester coated carbon steel Carrier.



Models Available

Pipesize mm	H ₂ O m ³ /hr @ 20°C	H ₂ O m ³ /hr @ 20°C	Air m ³ /hr @ 20°C - 1.013 bar
38	2 - 20	1 - 10	20 - 150
50	5 - 40	2 - 20	40 - 300
80	10 - 100	5 - 40	100 - 700
100	20 - 200	10 - 100	200 - 1500
150	50 - 400	20 - 200	500 - 3500
200	100 - 1000	50 - 400	1000 - 7000
* Unrecovered pressure loss at MAX flow	400 mbar	100 mbar	40 mbar

* Pressure loss at operating flows = Pressure loss at MAX flow x (Operating flow / MAX flow)²

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