

AT-210/250 Diaphragm Meter



The AT-210 and AT-250 meters have a 5 PSIG Maximum Allowable Operating Pressure and can flow either 210 or 250 cubic feet per hour at 1/2" W.C. differential pressure.

Features

- Die-cast aluminum case
- Oil-impregnated, self-lubricating bushings
- Molded, convoluted diaphragms for smooth operation and long life
- Rigid, reinforced flag rods for positive alignment and sustained accuracy
- Graphite-filled phenolic valves to minimize wear
- Long-life, low friction, grommet seals
- Single coat polyester primer with high solids polyurethane top coat
- Security seals that indicate tampering

Advantages

- Temperature compensation available from -30°F to 140°F (-34°C to 60°C)
- Either 210 CFH (6m³/h) or 250 CFH (7.1 m³/h) (0.60 specific gravity gas) at 1/2-inch W.C. differential
- AMR/AMI compatibility
- Meets ANSI B109.1 specifications
- Measurement Canada accredited

Applications

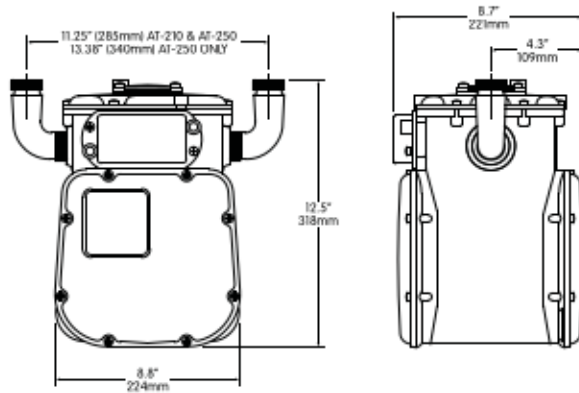
The AT-210 and AT-250 were designed as replacements for the tinned steelcase meters or other meters that have wide center-to-center top connections. The AT-210 has 5LT connections while the AT-250 has 10LT connections.

Options

- Regular or Temperature Compensated
- Pointer or odometer index
- 1ft³ or 2ft³ drive
- Connection Sizes
 - AT-210
 - 5LT - 11 1/4"
 - AT-250
 - 10LT - 11 1/4" or 13 3/8"
- Pressure compensating indexes
- Standard or UV protected index covers
- Remote Volume Pulsers

AT-210/250 Diaphragm Meter

Weight = 12 lbs



Capacities (0.60 specific gravity gas)

Line Pressure PSIG (mbar)	Differential Inches W.C. (mbar)	AT 210 SCFH (m ³ /h)	AT 250 SCFH (m ³ /h)
0.25 (17)	1/2 (1.2)	210 ^{1,2} (5.9)	250 ^{3,4} (7.1)
1 (69)	2 (5)	410 (11.6)	528 (14.9)
2 (138)	2 (5)	424 (12.0)	550 (15.6)
5 (345)	2 (5)	462 (13.1)	595 (16.8)

1 - Propane - 132 SCFH (3.7 m³/h) 3 - Propane - 158 SCFH (4.5 m³/h)
 2 - Butane - 116 SCFH (3.3 m³/h) 4 - Butane - 138 SCFH (3.9 m³/h)

AT-210/250 Proof Curve

