

Cubix250 Residential Gas Meter

The Sensus Cubix250 Diaphragm Meter is the newest addition to the Sensus line of residential diaphragm meters.

The Cubix250 is a Class 250 meter designed to provide reliable service in a compact design. The Cubix250, based on a Sensus design sold extensively throughout Europe, meets or exceeds the ANSI B109.1 requirements for diaphragm meters less than 500 cfh.

The Cubix250 has 6" center-to-center ferrules available in the same connection sizes as the R-275 family of meters. The residential meter indexes available on the R-275 meters are also used on the Cubix250. The AMI / AMR transmitters currently approved for the R-275 meters also fit the Cubix250 meter.



Capacities

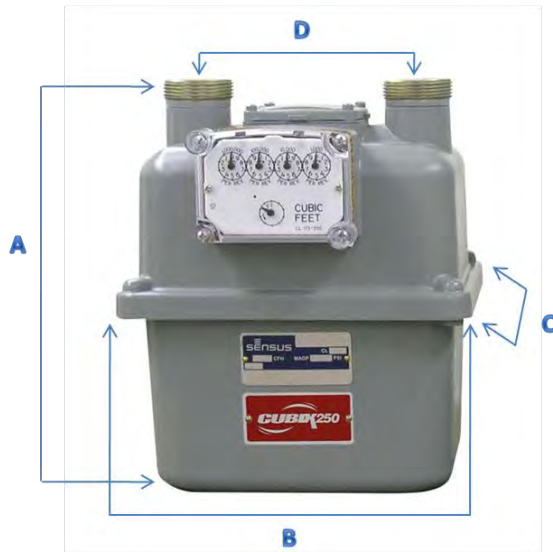
Pressure	Natural Gas (scfh)
7" wc	250
2 psig	265
5 psig	290

Note: All capacities are maximum, based on 0.6 specific gravity gas measured at 7" w.c. base pressure, ½" w.c. differential AP=14.48 psia, BP=14.73 psia T=60°F

Pressure	Propane (scfh)
11" wc	155
2 psig	170
5 psig	200

Note: All capacities are maximum, based on 1.53 specific gravity gas measured at 11" w.c. base pressure, ½" w.c. differential AP=14.48 psia, BP=14.88 psia, T=60°F

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Dimensions

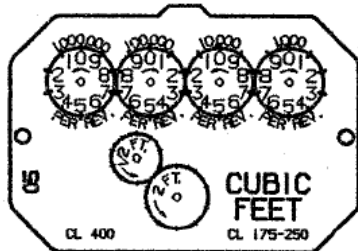
A	B	C	D
11.50"	9.25"	8.25"	6"

Features

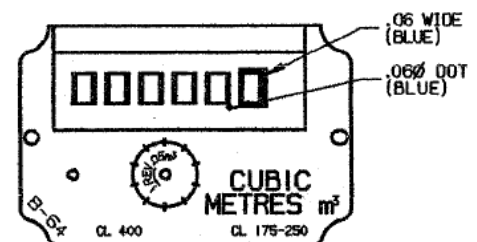
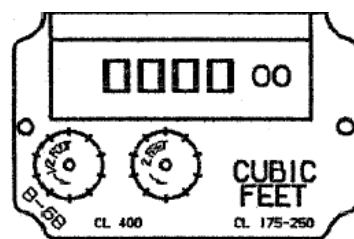
Maximum Working Pressure	5 psig standard, 10 psig optional
Maximum Flow Rate	250 cfh 0.6 SP gas at 0.25 psig and ½" w.c. differential
Weight	8.5 lb
Revolutions / Cubic Foot	16
Temperature Rating	-30°F to +150°F
Temp. Comp. Range	-20°F to +120°F
ANSI B109.1 Compliant	Yes
Construction	Aluminum Body, Cover, and Handhole Plate, Malleable Iron Ferrules, Corrosion Resistant Internal Components, Reinforced Buna-N Diaphragm, Direct Read (Imperial or Metric) or Circular Read (Imperial) Index Options, Grey Exterior Finish
Connection Options	10 Lt, 20 Lt, 30 Lt, 1-1/4" NPT, 1A, #2 SPG

Index Options

Circular Read



Direct Read



For additional index options see MM-1603 Circular Read and MM-1462 Direct Read Indexes available on our web site at <http://na.sensus.com/gas/pdf/mm1603-1.pdf> and <http://na.sensus.com/gas/pdf/mm1462-1.pdf>