



GM-3000 Gas Meter

Diaphragm Gas Meter

Overview

The H2O Degree GM-3000 commercial diaphragm meters compromise a range of positive displacement gas measurement devices with capabilities of 400 cubic feet per hour. The meter is the most compact and lightweight 400-class meter on the market today. With a wearless orbital valve, single convolution diaphragms and lubrication free bearings, the 400A delivers initial and sustained accuracy.

These meters use proven, time-tested diaphragm meter technology in a 3-chamber design to provide accurate measurement across their respective flow ranges. Long-life and low maintenance are assured by the combination of a self-lapping orbital valve, single convolution diaphragms, and lubrication-free bearings. Attention to design makes them compact and light-weight for their capacity ratings.

Features

- The H2O Degree GM-3000 is a gas submeter.
- 3-chamber design.
- Wearless orbital valve. Equipped with pulse output to interface with H2O Degree wireless mesh network.
- One piece, seamless, convoluted diaphragm.
- Lubrication-free bearings.
- EZ-VU Adjustment Port.
- Instrumentation compatible.
- Easy Turn (ET) top option for simple installation.
- Easy handling.
- Retrofits into any like-class installation.
- Meets ANSI B109.1, ANSI B109.2
- Approvals:
 - Industry Canada AG-0298, AG-0385
 - State of New York Department of Public Service 91-G-0507, 96-G-0885
 - CA Weights & Measures 5630A-12
- Pulse value 1/1 cf or ft³



Ordering Information

Model

GM-3000
M54130
M54230
M54232

Description

GM-3000 Diaphragm Gas Meter
M54130 Four Channel Pulse Counter
M54230 Two Channel Battery Powered Pulse Counter
M54232 Two Channel Battery Powered Pulse Counter with Display

3/2017

H2O Degree

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GM-3000 Gas Meter

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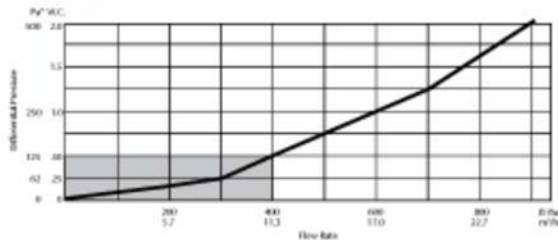
Technical Specifications

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SPECIFICATIONS

400A	
Meter Capacity (CFH Natural Gas)	400 @ .5" w.c. Diff.
Hub Center-to-Center	6-25/32", 7" or 8-1/4"
Hub Sizes	20 LT, 30 LT, 45 LT, #4 Sprague
Meter Type	(TC) Temperature Compensated or (NTC) Non-Temperature Compensated
Units	Imperial (Cubic Feet - ft ³) or Metric (Cubic Meters - m ³)
Index Drive	2 ft ³ /revolution 50 cubic decimeters/revolution
Proving / Test Dials	ft ³ - 1/2' and 2' Proving Dials m ³ - 10 dm ³ and 50 dm ³ Proving Dials
Tangent Crank	9 revolutions/ft ³ or .111 ft ³ /revolution 3.2 revolutions/dm ³ or .32 liters/revolution
Indexes	4 Circle Dial (ft ³) - Standard 7", 2 PSIG 4 Digit Direct Read (ft ³) - Standard Pressure 5 Digit Direct Read (ft ³ or m ³) - Standard Pressure
Meter M.A.O.P.	10 PSIG (25 PSIG Optional)
Meter Operating Temperature Range	-30°F to +120°F -34°C to +49°C
Surface Treatment	ASA 49 Gray Polyester Powder Coat

CAPACITY & PRESSURE LOSS*

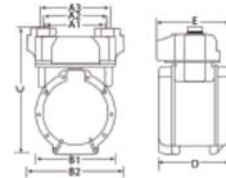


Dimensions

DIMENSIONS

Imperial - inches

A1	A2	A3	B1	B2	C	D	E	WT (lbs)
4.75	7.0	8.25	9.5	10.5	14.7	8.6	8.8	14.1



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