

## Features

- The H2O Degree GM3000 is a gas submeter.
- 3-chamber design. Wearless orbital valve.
- 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
- Technical Specifications:
  - Meter Capacity (CHF Natural Gas): 400 @ .5" w.c. Differential
  - Hub Center-to-Center: 6.25/32", 7" or 8 1/2"
  - Hub Sizes: #4 Sprague, 20 LT, 30 LT, 45 LT
  - Meter Type: (TC) Temperature Compensated or (NTC) Non-Temperature Compensated
  - 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



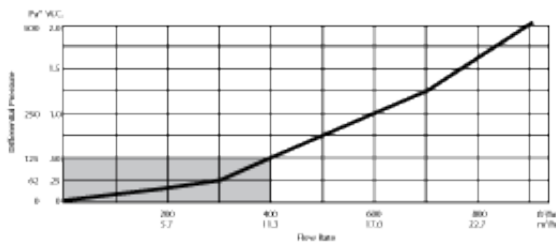
## Overview

The H2O Degree GM3000 commercial diaphragm meter comprises 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.

### CAPACITY & PRESSURE LOSS\*



## Ordering Information

Model	Description
GM3000	Diaphragm Gas Meter capacity 400 cubic feet per hour
M54130	Line Powered Pulse Counter - Indoor (4 channels)
M54130-O	Line Powered Pulse Counter - Outdoor (4 channels)
M54230	Battery Powered Dry Contact Pulse Counter - Indoor (2 Channel)
M54232	Battery Powered Dry Contact Pulse Counter w/ Display indoor (2 Channels)

## Technical Specifications

### 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 <sup>3</sup> ) or Metric (Cubic Meters - m <sup>3</sup> )
Index Drive	2 ft <sup>3</sup> /revolution 50 cubic decimeters/revolution
Proving / Test Dials	ft <sup>3</sup> - 1/2' and 2' Proving Dials m <sup>3</sup> - 10 dm <sup>3</sup> and 50 dm <sup>3</sup> Proving Dials
Tangent Crank	9 revolutions/ft <sup>3</sup> or .111 ft <sup>3</sup> /revolution 3.2 revolutions/dm <sup>3</sup> or .32 liters/revolution
Indexes	4 Circle Dial (ft <sup>3</sup> ) - Standard 7", 2 PSIG 4 Digit Direct Read (ft <sup>3</sup> - Standard Pressure) 5 Digit Direct Read (ft <sup>3</sup> or m <sup>3</sup> - 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

## Dimensions

### DIMENSIONS

Imperial - Inches

A1	A2	A3	B1	B2	C	D	E	Wt. (lbs)
6.78	7.0	8.25	9.5	10.9	14.7	8.6	8.8	14.1

