

Features

- The H2O Degree WM-2000 water meter is compatible with the H2O Degree pulse meters register.
- Resists internal pressure stresses and external damage. Handles in-line piping variations and stresses.
- Five year warranty.
- Magnetic drive, low torque registration ensures accuracy.
- Impact-resistant register. Tamper-proof seal pin deters theft.
- High resolution, low flow leak detection.
- Bayonet style register mount allows in-line serviceability.
- Made from lead free high copper alloy. Lead free high copper alloy provides residual value vs. plastic or composite. NSF/ANSI 61 Certified, Annex F & Annex G compliant.
- Positive displacement. Widest effective flow rate for maximum revenue.
- Proprietary polymer materials maximize long-term accuracy.
- Contact factory for other outputs.

Model	Meter Size	Normal Operating Range @ 100% Accuracy (+/-1.5%)	AWWA Standard	Low Flow @ 95% Accuracy
WM-2000C200	2"	2 1/2 to 160 US gpm	8 to 160 US gpm	1 US gpm
WM-2000C150	1 1/2"	2 to 100 US gpm	5 to 100 US gpm	3/4 US gpm
WM-2000C100	1"	1 to 50 US gpm 0.23 to 11.36 rh	3 to 50 US gpm 0.68 to 11.4 rh	3/8 US gpm 0.09 rh
WM-2000C075	3/4"	3/4 to 30 US gpm 0.17 to 6.82 rh	2 to 30 US gpm 0.45 to 6.8 rh	1/4 US gpm 0.06 rh
WM-2000C058	5/8"	1/2 to 20 US gpm 0.11 to 4.55 rh	1 to 20 US gpm 0.23 to 4.5 rh	1/8 US gpm 0.03 rh



Overview

The H2O Degree WM-2000C is an encoded register meter and works with the H2O Degree Encoded Radio. The WM-2000C water meter consists of three major assemblies: a register, a lead free high copper alloy maincase and a nutating disc measuring chamber.

The corrosion-resistant maincase will withstand most service conditions including internal water pressure, rough handling and in-line pipe stress.

The innovative floating chamber design of the nutating disc measuring element protects the chamber from frost damage and utilizes corrosion-resistant materials throughout and a thrust roller to minimize wear.

Ordering Information

Model	Description
WM2000C058	Cold Water Meter 5/8 inch x 3/4 inch 20 gpm BRASS Encoded Register (CA Approved) includes couplings
WM2000C075	Cold Water Meter 3/4 inch 30 gpm BRASS Encoded Register (CA Approved) includes couplings
WM2000C100	Cold Water Meter 1 inch 50 gpm BRASS Encoded Register (CA approved) includes couplings
WM2000C150	Cold Water Meter 1 1/2 inch 100 gpm BRASS Encoded Register (CA Approved) includes couplings
WM2000C200	Cold Water Meter 2 inch 100 gpm BRASS Encoded Register (CA Approved) includes couplings
WMST075	3/4 inch x 7.5 inch Spacer tube - for use with WM1000 WM1100 WM1500 series meters
M54190	Encoded Register reads SENSUS BADGER MASTER METER NEPTUNE water meters

Technical Specifications

- Certification: NSF/ANSI 61 Certified, Annex F & Annex G compliant
- Application: Cold water measurement of flow in one direction in residential service applications
- Maximum operating water pressure: 150 psi (1034 kPa)
- Maximum operating water temperature: 80° F
- Measuring Chamber: Nutating disc technology made from proprietary synthetic polymer

Environmental

- Operating temperature : 33° F to 149° F (0° C to 65° C)
- Storage temperature: 33° F to 158° F (0° C to 70° C)

Connections

- Lead free high copper alloy, straight or bent

Warranty

- Five Years

Operating Characteristics

Meter Size	Normal Operating Range @ 100% Accuracy (+/- 1.5%)	AWWA Standard	Low Flow @ 95% Accuracy
5/8"	1/2 to 20 US gpm 0.11 to 4.55 m3/h	1 to 20 US gpm 0.23 to 4.5 m3/h	1/8 US gpm 0.03 m3/h
3/4"	3/4 to 30 US gpm 0.17 to 6.82 m3/h	2 to 30 US gpm 0.45 to 6.8 m3/h	1/4 US gpm 0.06 m3/h
1"	1 to 50 US gpm 0.23 to 11.36 m3/h	3 to 50 US gpm 0.68 to 11.4 m3/h	3/8 US gpm 0.09 m3/h
1 1/2"	2 to 100 US gpm 0.46 to 22.73 m3/h	5 to 100 US gpm 1.1 to 22.7 m3/h	3/4 US gpm 0.17 m3/h
2"	2 1/2 to 160 US gpm 0.57 to 36.36 m3/h	8 to 160 US gpm 1.8 to 36.3 m3/h	1 US gpm 0.23 m3/h

Registration

Pro Read Registration (per sweep hand revolution)	5/8"	3/4" & 1"	1 1/2"	2"
10 US Gallons	X	X		
10 Imperial Gallons	X	X		
100 US Gallons			X	X
100 Imperial Gallons			X	X
1 Cubic Foot	X	X		
10 Cubic Feet			X	X
0.1 Cubic Metre	X	X		
0.01 Cubic Metre	X		X	
1 Cubic Metre				X

Register Capacity ProRead, ProCoder and E-CODER	5/8"	3/4" & 1"	1 1/2"	2"
100,000,000 US Gallons			X	X
100,000,000 Imperial Gallons			X	X
10,000,000 US Gallons	X	X		
10,000,000 Imperial Gallons	X	X		
10,000,000 Cubic Feet			X	X
1,000,000 Cubic Feet	X	X		
100,000 Cubic Metres	X	X	X*	
1,000,000 Cubic Metres			X**	X
10,000 Cubic Metres	X			

* ProRead and E-CODER only

** ProCoder only

E-Coder High Resolution (8 digit reading)	5/8"	3/4" & 1"	1 1/2"	2"
1 US Gallons			X	X
1 Imperial Gallons			X	X
0.1 US Gallons	X	X		
0.1 Imperial Gallons	X	X		
0.1 Cubic Feet			X	X
0.01 Cubic Feet	X	X		
0.01 Cubic Metres				X
0.001 Cubic Metres	X	X	X	

ProCoder High Resolution (8 digit reading)	5/8"	3/4" & 1"	1 1/2"	2"
1 US Gallons			X	X
1 Imperial Gallons			X	X
0.1 Cubic Feet			X	X
0.01 Cubic Metres			X	X