

WP Turbine Meter Specifications



General Information

The WP Series Turbine Meters offer accurate, economical reading of high flows with low head loss. The horizontal-axis turbine drives a vertical shaft, which is magnetically coupled to the sealed register.

Bodies are manufactured of tough ductile iron and epoxy-coated for protection. Removal of the top flange brings out all parts for inspection or repair.

In addition to mechanical totalizing, registers can be equipped with magnetic pulse reed sensors. These sensors are well suited for remote totalizing, pacing of electronic metering pumps, and water treatment applications.

Compatible SeaMetrics controls include the PT34 and PT35 pulse timers, and the PD10 pulse divider.

Specifications

Materials

Body and Cap	Cast iron, epoxy coating
Turbine & Insert	Engineered thermoplastic
Register Plate	Die-cast bronze
Shafts	Stainless steel
Drive Magnet	Ceramic permanent
Bearings	Sapphire

Maximum Pressure

150 psi (10 bar)

Maximum Temperature

120° F (50° C)

Accuracy

± 1-% of reading, ± 1% FS

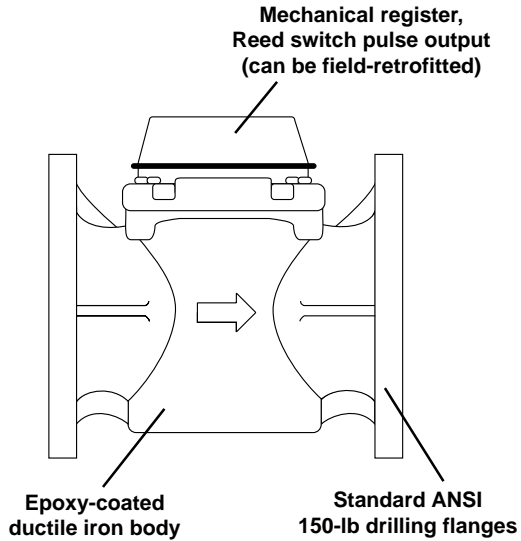
Reed Switch

100 mA at 24 V

Flow Range (GPM):

Size	Min. Flow	Max Cont. Flow	Max. Flow
2"	2.5	150	300
3"	2.6	400	650
4"	4.0	550	1100
6"	11.0	1000	1850
8"	18.0	1600	2850

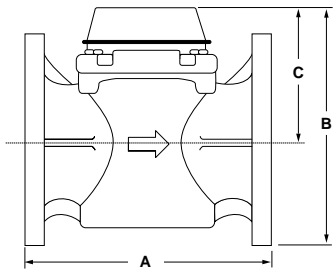
Features



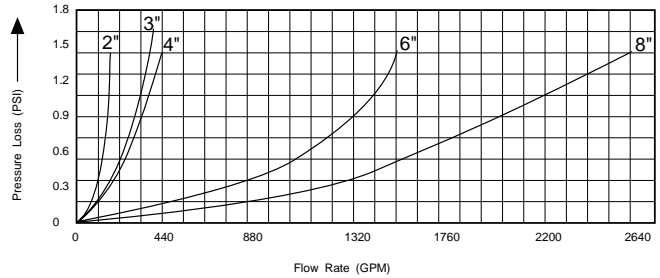
WPR Meter Pulse Chart

Meter Size	2"	3"	4"	6"	8"
Gallons per Pulse	100	100	100	1000	1000
	1000	1000	1000	10000	10000

Dimensions

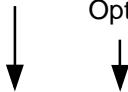


	2"	3"	4"	6"	8"
A	7.80"	8.88"	9.88"	11.75"	13.75"
B	7.75"	9.13"	9.60"	14.0"	15.30"
C	4.80"	5.50"	5.50"	8.25"	8.25"



How To Order

Size Code: (see sizes to the right)
 Option Code: (see options to the right)



WP- _____ - _____

Size codes:
200 = 2" **600** = 6"
300 = 3" **800** = 8"
400 = 4"

Option code:
53 Reed Switch pulse output

Muis Controls Ltd.

10610 - 172 Street, Edmonton, Alberta, Canada, T5S 1H8
 Phone: 780-486-2400 • Fax: 780-486-2500 • Toll Free: 1-800-661-8823
 www.muiscontrols.com • email: info@muiscontrols.com