



### 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 FT420 and FT500 Rate/Totalizers, PT32 and PT33 pulse timers, and the PD10 pulse divider.

### Specifications

#### Materials

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

#### Pressure

150 PSI working pressure

#### Temperature

120° F

#### Accuracy

± 1-% of reading, ± 1% FS

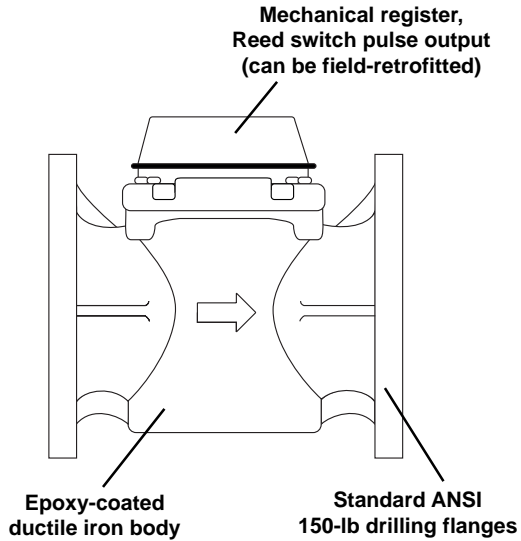
#### Max. Sensor Current

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

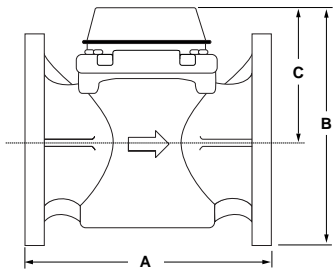
## Features



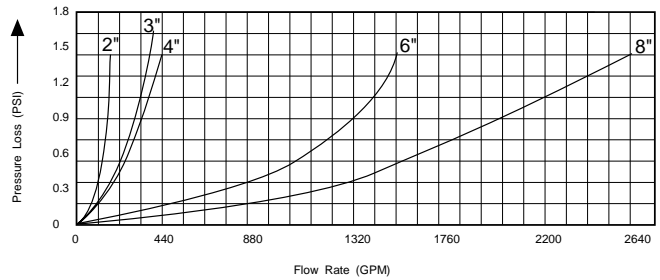
## WPR Meter Pulse Chart

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

## Dimensions

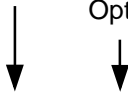


	2"	3"	4"	6"	8"
<b>A</b>	7.80"	8.88"	9.88"	11.75"	13.75"
<b>B</b>	7.75"	9.13"	9.60"	14.0"	15.30"
<b>C</b>	4.80"	5.50"	5.50"	8.25"	8.25"



## 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

**SeaMetrics**