

VPD[®] METER

Vertical Positive Displacement Meter
With a Dry Contact



Carlson's VPD[®] (Vertical Positive Displacement) oscillating piston meter series is designed for vertical installation but can be installed horizontally or on an incline, provided the meter remains full of water. The meter includes a reed switch to provide a dry contact pulse output, built-in back flow preventor and assembled in a reinforced engineered nylon housing with a liquid-sealed register for easy reading. The meter is available in gallons at 1 GPC (1 gallon per contact) or liters at 1LPC (1 liter per contact).

The VPD[®] oscillating piston meter series ensures high sensitivity and accurate registration throughout the range.



1710 EATON DRIVE • GRAND HAVEN, MICHIGAN 49417

PHONE (616) 842-0420

E-MAIL CARLON@CARLONMETER.COM • WEBSITE WWW.CARLONMETER.COM

VPD® METER SPECIFICATIONS

Reed Switch:	Dry contact, normally open, 24V, 10mA maximum	
Meter Size:	062VPD (5/8" x 3/4")	750VPD (5/8" x 3/4")
	Length = 4.5"	Length = 6.5"
	Connections = 3.0"	Connections = 3.5"
	Width = 3.8"	Width = 3.8"
	Weight = 1.5 lbs.	Weight = 1.5 lbs.
Pressure Rating:	Maximum 232 psi	
Temperature Range:	33°F < 122°F (1°C < 50°C) - Protect the meter from freezing	
GPM Range:	062VPD: .07 – 13 GPM (.26 – 49.2 LPM) / Continuous 7 GPM (26.5 LPM)	
	750VPD: .1 – 22 GPM (.38 – 83.3 LPM) / Continuous 16 GPM (60.6 LPM)	
Accuracy:	+/- 2.0% of maximum flow when operating between minimum and maximum flow range	
Meter Options:	062VPDG-1 (Gallons) / 062VPDL-1 (Liters)	
	750VPDG-1 (Gallons) / 750VPDL-1 (Liters)	
Contact Points:	1 Gallon per Contact / 1 Liter per Contact	
Meter Housing:	Engineered Reinforced Nylon (Plastic)	
Features:	• Rotary Piston	
	• Internal back flow prevention	
	• Register is liquid filled and sealed for easy reading and long-term clarity	
	• Magnetic Drive	
	• Integral Strainer	
	• Low starting flow rate	

Installation Instructions:

1. Flush the line thoroughly after all plumbing changes to prevent contaminants from entering the meter.
2. Meter can be mounted in any position AND the meter should be constantly full of water.
3. For outdoor installation, protect meter from freezing and direct exposure to the elements.

Warranty: Carlon Meter, Inc. warrants its products to be free of defect in material or workmanship for a period of twelve months from the date of purchase. Contact us to obtain a copy of our complete statement of warranty.