



DM-P Series Multi-Purpose Plastic Digital Flow Meters



The DM-P Series multipurpose liquid flow meters use a helical turbine mechanism to give accurate flow measurements of cold water. It is constructed of durable plastic which makes it economical and chemical resistant. This versatile flow meter displays the current flow rate and records the lifetime total and a resettable batch total.

The DM-P can be calibrated in the field allowing users to make adjustments to fine tune your measurements. It can report data in Gallons, Liters, Pints and Quarts. The display can also be rotated in 90 degree increments so that you can choose the orientation that is easiest to read.

FEATURES

- Displays flow rate, lifetime total, and resettable batch total
- Can be calibrated in the field
- Displays Gallons, Pints, Quarts, or Liters
- Replaceable Batteries (2x AAA)
- Display can be rotated in 90° increments
- Continuous Screen Display

SIZES & END CONNECTIONS

NPT (male) Threaded: 1/4", 1/2", 3/4", 1"

ACCURACY

+/- 1% Full Scale

MAXIMUM PRESSURE

up to 145 PSI

MAXIMUM TEMPERATURE

-40°F to 140°F

FLOW RATE RANGES

1/4": 1.32 to 105 GPH

1/2": 2.6 to 395 GPH

3/4": 0.22 to 22 GPM

1": 0.35 to 35 GPM

ACCESSORIES (see page 3 for details)

- Check valve
- Garden hose adapters

TYPICAL APPLICATIONS

- Garden Hose Water Measurement (with optional garden hose adapters)
- Fertilizer Trucks
- Plant Process Water
- Tank Filling
- Cement Mixers
- Pond & Pool Water Feed Lines
- Chemical Feed Lines



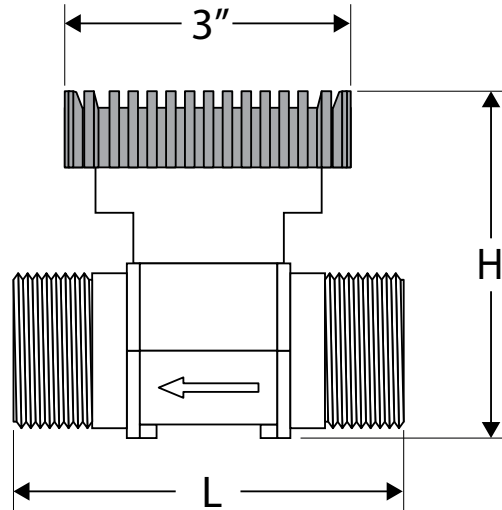


DM-P



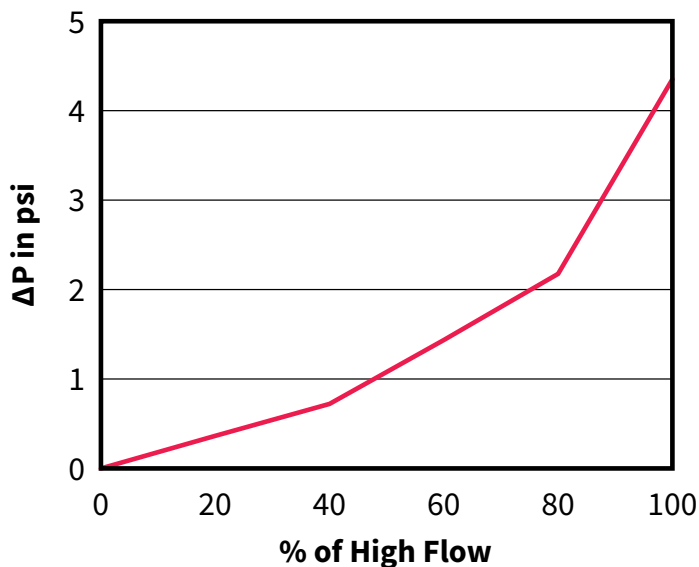
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DIMENSIONS



Model	NPT	L (Inches)	H (Inches)	Weight (lbs.)	Low Flow	High Flow
DM-P-025	1/4"	2.36	2.70	1	1.32 gph	105 gph
DM-P-050	1/2"	2.76	2.91	1	2.6 gph	395 gph
DM-P-075	3/4"	3.43	3.11	1	0.22 gpm	22 gpm
DM-P-100	1"	3.74	3.33	1	0.35 gpm	35 gpm

HEAD LOSS CURVES (pressure drop)





DM-P



Multi-Purpose Plastic Digital Flow Meters

ORDERING INFORMATION

DM-P - 075 - GHA

Series Size Accessories

Series: **DM-P** = Multi-purpose plastic, digital flow meter

Size:
025 = 1/4" (1.32 - 105 gph)
050 = 1/2" (2.6 - 395 gph)
075 = 3/4" (0.22 - 22 gpm)
100 = 1" (0.35 - 35 gpm)

Accessories:
-GHA = Garden hose adapters [DM-P-050 (1/2") & DM-P-075 (3/4") only]

ACCESSORIES

All accessories for this meter ship loose with the meter. To order any accessories use the part numbers listed below

Garden Hose Adapters (set):



One NPT Female x Male Garden Hose Thread
 One NPT Female x Female Garden Hose Thread

Attach these adapters to the meter ensuring that the flow direction is correct to use the meter inline on any standard garden hose.

WMGHA050 = Garden Hose Adapter set for 1/2" meters

WMGHA075 = Garden Hose Adapter set for 3/4" meters
 Only available for sizes 1/2" & 3/4".

Check Valves:



Lead free brass check valves are available to prevent reverse flow through meter. Reverse flow will deduct from the meter's total. The use of a check valve will also prevent the meter and upstream water from being contaminated by debris or additives like fertilizer that get added downstream from the meter.

C112CVLFN = 1/2" NPT Lead Free Brass Check Valve

D112CVLFN = 3/4" NPT Lead Free Brass Check Valve

E112CVLFN = 1" NPT Lead Free Brass Check Valve

