



PFS Rotameter

Primary Fluid Systems is proud to introduce its new product line: the **PFS Rotameter**.

Designed to measure the flow rate with high accuracy, it has a polycarbonate body which improves impact-resistance and provides an optically clear view.

Our polycarbonate body is also UV-protected, which makes it appropriate for use in direct sunlight.

The PFS Rotameter is also certified to NSF/ANSI-61.

Features

Five Flow Ranges:

Starting from 0.1 to 1 GPM (0.38 to 3.8 L/min) to 1.32 to 13.2 GPM (5 to 50 L/min)

Optional Litres per Hour available

Materials:

- Polycarbonate body
- PVC connection ends
- PVDF Float
- EPDM O'rings (Standard)

Connections:

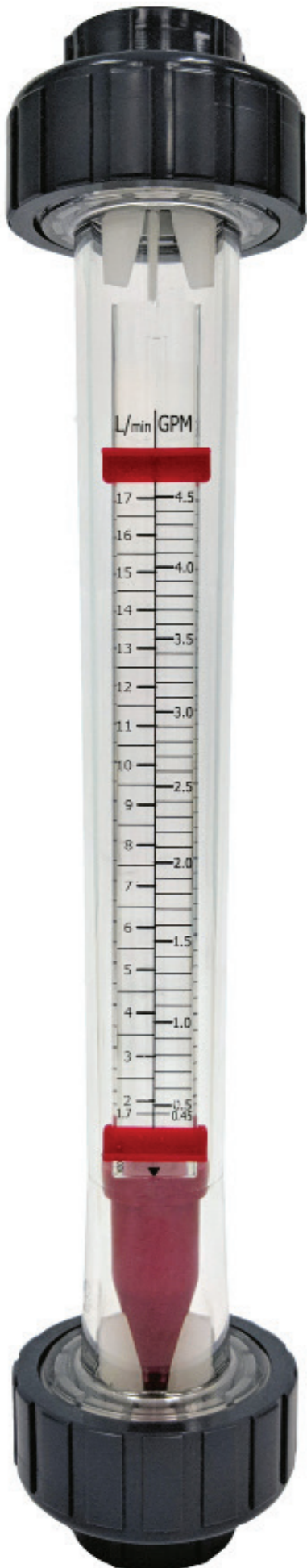
NPT, BSPT, Socket, or DIN Socket

Connection Sizes:

Available in ½" to 2"

Key Features:

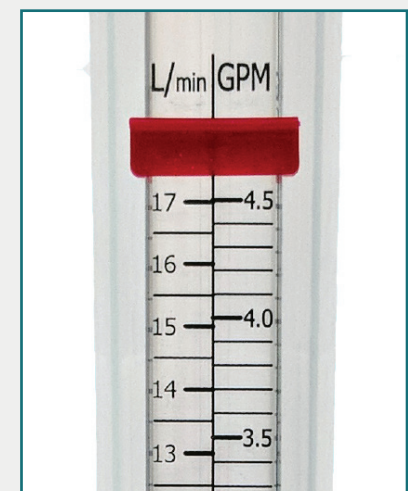
- Highly visible red float & marker
- Dual graduation scale in L/min and GPM
- Corrosion and shock resistant
- Pressure rating to 150 psi
- UV-protected resin - so the product can be installed in direct sunlight



PVDF Float



Dual Scale





Range and Size Chart

Connection Size	Range L/min	Range GPM	Pressure Drop (psi)	Part Number
½" - 1"	0.38 - 3.8	0.10 - 1.0	0.3	PFS-RM200
½" - 1"	0.85 - 8.5	0.22 - 2.2	0.3	PFS-RM230
½" - 1"	1.7 - 17	0.45 - 4.5	0.3	PFS-RM250
1" - 2"	3.3 - 33	0.88 - 8.8	0.4	PFS-RM320
1" - 2"	5 - 50	1.32 - 13.2	0.4	PFS-RM400

All data in this chart is based on water at 68°F or 20°C.

e.g.: PFS-RM200-100G-PVC

PFS-RM200 - 100G-PVC

END CONNECTION MATERIAL

PVC = Polyvinyl Chloride
 CPVC = CPVC Corzan
 PVDF = Polyvinylidene Fluoride
 PP = Polypropylene
Note: PVDF & PP available for 320 and 400 sizes only.

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CONNECTION TYPE

E = Union x Flange (ANSI)
 F = Union x Flange (DIN)
 G = Union x NPT
 H = Union X BSPT
 I = Union X Socket N.A.
 J = Union X Socket Metric

CAPACITY

200 = 0.1 to 1 GPM (0.38 to 3.8 L/min)
 230 = 0.22 to 2.2 GPM (0.85 to 8.5 L/min)
 250 = 0.45 to 4.5 GPM (1.7 to 17 L/min)
 320 = 0.88 to 8.8 GPM (3.3 to 33 L/min)
 400 = 1.32 to 13.2 GPM (5 to 50 L/min)

CONNECTION SIZE

RM200, 230, 250
 50 = DN15 = ½"
 75 = DN20 = ¾"
 100 = DN25 = 1"
RM320, 400
 110 = DN25 = 1"
 125 = DN32 = 1 ¼"
 150 = DN40 = 1 ½"
 200 = DN50 = 2"

* Add suffix -V for Viton-O-rings



For more information, please visit

www.primaryfluid.com

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