



H2O Rx

Rotameters



Rotameters are used for instantaneous site reading of flow rates. Use of a control valve allows you to set a constant flow rate presuming pressures stay consistent.

A UV stabilised polycarbonate body and PVDF coated stainless steel float make this a robust design and suitable for outdoor use. End connections are standard as uPVC, O-Rings are EPDM.

Connections are union style, and can be provided as solvent weld socket joints or BSPF threads. Optional end connection materials include:

- ◆ CPVC
- ◆ PVDF (RM320 and RM400 only)
- ◆ PP (RM320 and RM400 only)

Features

- ◆ The float and marker are red for easy visibility.
- ◆ Graduation scale is in L/min and USGPM.
- ◆ Corrosion and shock resistant.
- ◆ Rated to 1000 kPa.
- ◆ UV stabilised.
- ◆ Optional limit switch(s) - for high flow, low flow or both. Field adjustable.

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Selection

- 1) Estimate your required maximum flow rate.
- 2) Choose a model that has your flow at about 3/4 scale.
- 3) Select connection sizes that match your piping as closely as possible.
- 4) Check the pressure drop is OK.

Ordering Information

RM - Rotameter

Capacity Code	Range—L/min	Pressure Drop (kPa)
200	0.38 to 3.8	2
230	0.85 to 8.5	2
250	1.7 to 17	2
320	3.3 to 33	2.8
400	5 to 50	2.8

Connection Size	Size	Available for
50	DN15	RM200, RM230, RM250
75	DN20	RM200, RM230, RM250
100	DN25	RM200, RM230, RM250
110	DN25	RM320, RM400
125	DN32	RM320, RM400
150	DN40	RM320, RM400
200	DN50	RM320, RM400

Connection Type	Type
G	Union (NPTF)
H	Union (BSPF)
I	Union (SWJ Socket)

End Material	Description
PVC	Polyvinyl Chloride
CPVC	Corzan
PVDF	Polyvinylidene Fluoride (Threaded ends only)
PP	Polypropylene (Threaded ends only)

O-Ring Code	Description
V	Viton
E	EPDM (Standard)

RM 250—100—H—PVC—E = 1.7 to 17 L/min, DN25 Union BSPF connections and EPDM O-Ring