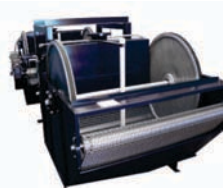


70-600 gpm
268-2270
L/min

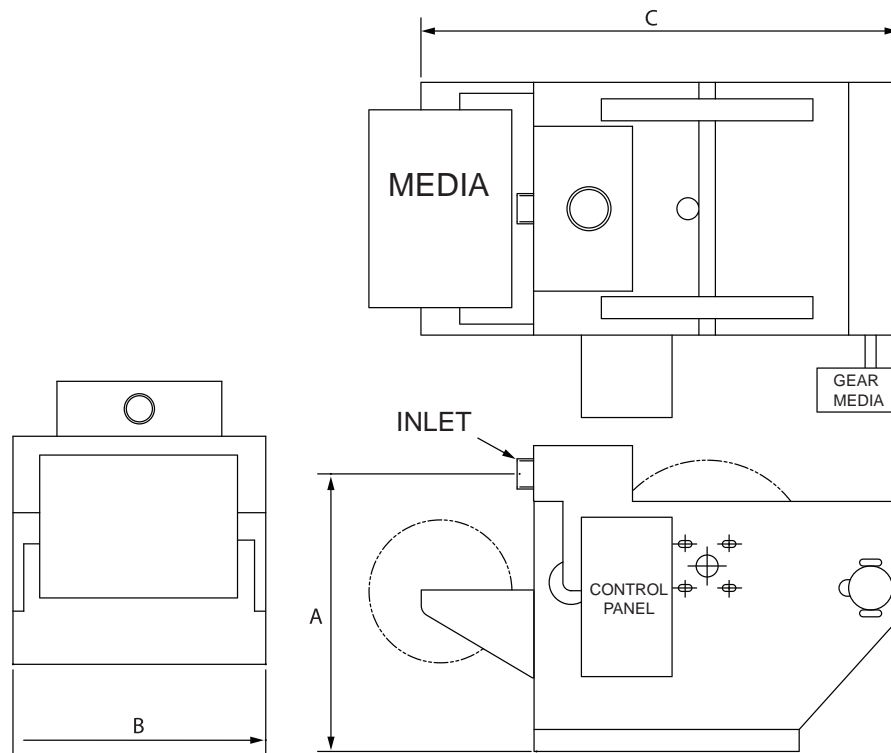


The Rolling Media Filter (RMF) provides a highly efficient and reliable means of removing solids from process liquids. This filter is a non pressurized system which is economical and easy to operate. It can handle occasional system upsets or overloads without blinding the filter media.

The RMF is a fully automatic system that ensures efficient cleaning of any process fluid. It optimizes the amount of media used at the same time. The solids are discharged as a cake for easy handling and disposal.

The liquid to be filtered is pumped or gravity fed into inlet. It is then distributed to the flood box, which slows the velocity and discharges the liquid over the entire width of the filter media. The liquid filters through the media, and the solids are left behind collecting on the filter media surface. The clean liquid is discharged through the outlet into a tank or discharged into an open system.

As the solids are collected on the filter media, the liquid level rises to a preset level. A level sensor initiates an index cycle and fresh media is indexed displacing a portion of the spent media. The media is then discharged to a waste container.



Dimensions

| | A | | B | | C | | Flow Rate |
|--------|--------|------|--------|------|--------|------|-----------|
| | inches | mm | inches | mm | inches | mm | |
| RMF70 | 37.00 | 940 | 30.00 | 762 | 43.25 | 1099 | 71 |
| RMF145 | 34.25 | 870 | 40.00 | 1016 | 52.75 | 1340 | 146 |
| RMF210 | 34.25 | 870 | 52.00 | 1321 | 52.75 | 1340 | 212 |
| RMF275 | 34.25 | 870 | 64.00 | 1626 | 52.75 | 1340 | 275 |
| RMF300 | 41.75 | 1060 | 52.00 | 1321 | 65.75 | 1670 | 300 |
| RMF350 | 34.25 | 870 | 73.00 | 1854 | 52.75 | 1340 | 350 |
| RMF400 | 41.75 | 1060 | 83.00 | 1626 | 65.75 | 1670 | 400 |
| RMF500 | 41.75 | 1060 | 73.00 | 1854 | 65.75 | 1670 | 500 |
| RMF600 | 41.75 | 1060 | 83.00 | 2108 | 65.75 | 1670 | 600 |

Rolling Media Filtration

RMF

Construction Material: Epoxy coated, Carbon steel

Conveyor Material: 304 stainless steel

Seal Wheels: aluminum

Specifications DCE

ACE

CH1

CH3-CH7

CH12-CH24

How to Build Box NOTE: One option per box

= RMF70ALCSNC

Filter Model Number Selection

RMF

| BOX 1 | BOX 2 | BOX 3 | BOX 4 | BOX 5 | BOX 6 |
|---------------|---|-----------------------------------|---------------------------------------|------------------------|---|
| Filter Series | Size | Wheel Material | Housing Material | Wheel Seals | Seal Material |
| RMF | 70 70 gpm 145 145 gpm 210 210 gpm 275 275 gpm 300 300 gpm 350 350 gpm 400 400 gpm 500 500 gpm 600 600 gpm | AL Aluminum SS Stainless Steel | CS Carbon Steel SS Stainless Steel | N Neoprene T Teflon | O None C Cover M Media Recovery System D Contamination Dryer |

How to Build a Valid Model Number for Schroeder RMF Media:

Example: NOTE: One option per box

= RMFRM0727

Replacement Parts for RMF

| BOX 1 | BOX 2 | BOX 3 | BOX 4 |
|---------------|------------------|---|--|
| Filter Series | Replacement Type | Micron Rating | Roll Width |
| RMF | RM Roll Media | 07 7 µm 12 12 µm 14 14 µm 18 18 µm 28 28 µm 50 50 µm 200 200 µm | 27 27" Wide (BWC 70/145) 39 39" Wide (BWC 210/300) 51 51" Wide (BWC 400) 60 60" Wide (BWC 500) 70 70" Wide (BWC 600) |