



**REVERSE OSMOSIS M-SERIES**

**WWW.ULTRA-FILTER.COM**

# Reverse Osmosis

## M-Series



### Technical Data

- 150-1000 l/h (depending on model)
- Up to 90% Salt reduction
- 50%-85% System recovery
- 4000 ppm, Max inlet TDS

The RO-M series systems are compact commercial reverse osmosis units that allow a consistent production of high-quality water with low energy consumption and reduced operational cost.

Equipped with the highest quality components, RO-M series features robust space-saving design, easy maintenance, and quiet operation.

### System equipment

- Various product Sizes 150 - 1000 l/h
- Stainless steel frame and equipment panel
- Multi stage stainless steel Grundfos pump
- Low pressure membranes
- Stainless steel needle regulation valve
- Fully equipped electric board with pump protection
- MP controller for quality monitoring w/ stainless steel probe
- Stainless steel panel mounted w/ Glycerin-filled gauges
- Low pressure shut-off
- BB (Jumbo) pre-filter

### Optional features

- Grundfos DDE antiscalant dosing pumps
- Supply pumps and storage vessels
- Nalco antiscalant

### Benefits

- Improved water quality
- Extended membrane life
- Low maintenance operation
- Space saving design
- Quiet operation
- Reduced operational costs

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## M-Series



Image of RO-M 300

Technical Features				
Model	RO-M 150	RO-M 300	RO-M 750	RO-M 1000
Permeate flow, l/h	150	300	750	1000
Membrane quantity	1	2	3	4
Membrane size, inch	4x21	4x21	4x40	4x40
Max inlet TDS, ppm	4000	4000	4000	4000
Production of clean water, l/h	150	300	750	1000
Reduction of salt content	Up to 90%			
System recovery	50%-85%			
Membrane's type	4x4021	4x4021	4x4040	4x4040
Input flow of water at a pressure of 3 bar	0,4 - 0,6	0,8 - 1,1	1,2 - 1,65	1,6 - 2,2
Power consumption, Wt	500		1100	
Power supply	220V, 50Hz			
Dimensions, mm	700 x 450 x900		720 x 595 x 1270	
Net weight, kg	57	70	91	98
Connections (inlet, outlet, concentrate)	½" , ½" , ½" NPTF		1" , ½" , ½" NPTF	



**THE SCANDINAVIAN FILTRATION PARTNER**

## SHOP ONLINE

At [www.ultra-filter.com](http://www.ultra-filter.com) you will find a wide selection of filtration products ready for you to order.



**[www.ultra-filter.com](http://www.ultra-filter.com)**

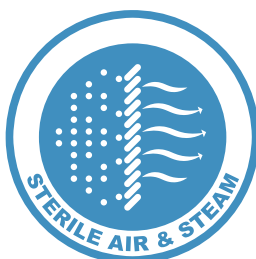
## ABOUT US

Ultrafilter Scandinavia offers a wide selection of filtration products for compressed air, liquids and gas. We have stock in Denmark and from here we distribute all of our products to Scandinavia and the Baltic countries.

Ultrafilter Scandinavia is a part of the Ultrafilter group. Our production facility is in Germany and we have several subsidiaries in Europe and the United States.

You can buy our products on local websites. Information about our products as well as brochures and manuals can be found on our website ([www.ultra-filter.com](http://www.ultra-filter.com)).

We can adapt all of our filtration products to your needs, and we offer visits from our consultants in order to find the right solution for you. We also offer on going service on our products once they are installed.



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