

Reverse Osmosis

RO-M 150-1000



Filter-Online
Nordic Filtration Solution



Reverse Osmosis

Maximum safety for drinking water

Reverse osmosis (RO) removes even the smallest amounts of impurities in the water.

RO systems remove fluoride, cysts, bacteria, viruses, antibiotics and hormones. The best choice when you have critical requirements for your water quality.

The RO water purification systems are designed for entire homes and medium to large companies, with a number of water applications and strict water quality requirements. The system is assembled on a single frame, using TDS gauge and pressure regulators for monitoring performance and service status. System self-service is controlled by the programmable logic controller (PLC).

TECHNICAL DATA

Clean water production:	150-1000 l/hr
Membrane quantity:	
RO-M 150:	1 x XLP11-4021
RO-M 300:	2 x XLP11-4021
RO-M 500:	2 x XLP11-4040
RO-M 750:	3 x XLP11-4040
RO-M 1000:	4 x XLP11-4040
Max. Inlet TDS, ppm:	4000
Reduction of salt, %:	up to 98%
System recovery, %:	up to 95%
Automatic Flushing:	
RO-M 150-500:	Optional
RO-M 750-1000:	Yes
Connections:	
(Inlet / Outlet / Concentrate)	
RO-M 150-1000:	½", ½", ½" NPTF
Max. input flow of water, m3 (~2.5bar):	
RO-M 150:	0,3
RO-M 300:	0,6
RO-M 500:	1
RO-M 750:	1,5
RO-M 1000:	2
Power supply:	220V / 50hz
Net weight, kg:	40 (ro-m 150) 51 (ro-m 300) 65 (ro-m 500) 91 (ro-m 750) 98 (ro-m 1000)
Dimensions, mm:	
RO-M 150:	700 x 450 x 900
RO-M 300:	700 x 450 x 900
RO-M 500:	720 x 595 x 1270
RO-M 750:	720 x 595 x 1270
RO-M 1000:	720 x 595 x 1270

FEATURES

- Industrial applications
- Large kitchen units
- Convection ovens
- Dishwashers
- Bar glass washes
- Ice machines
- Boilers and water heaters

OPTIONAL

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