

Datasheet RO-Compact series



Technical data

Model:	RO-Compact1	RO-Compact2	RO-Compact3
Dimensions <i>DxWxH/mm</i>	560 x 250 x 760	580 x 460 x 700	580 x 460 x 700
Production Rate <i>15°C 800µs, (lph)</i>	160	300	420
Minimum Inlet Flow Rate <i>L/minute</i>	6,67 l/m 40%	10 l/m 50%	14 l/m 50%
Membrane Type	Thin Film Low 3	Thin Film Low 3	Thin Film Low 3
Number of Membranes	1	2	3
Rejection Rate <i>Typical</i>	97% - 98,5%	97% - 98,5%	97% - 98,5%
Recovery Ratio <i>0° dh</i>	75%	75%	75%
Recovery Ratio <i>10 ° dh</i>	50%	50%	50%
Recovery Ratio <i>25 ° dh</i>	40%	---	---
Inlet Pump	Brass rotary vane	Brass rotary vane	Brass rotary vane
Inlet Motor	560 watts	560 watts	1120 watts
Feed Valve	solenoid valve	solenoid valve	solenoid valve
Feed Water			
Pressure <i>Bar</i>	1 - 7	1 - 7	1 - 7
Temperature <i>° C</i>	5 – max 25	5 – max 25	5 – max 25
pH	3 - 10	3 - 10	3 - 10
Hardness (max.) <i>° dH</i>	25	10	10
Iron (max.) <i>Ppm as Fe</i>	0.2	0.2	0.2
Chlorine (max.) <i>Ppm as</i>	< 0.1	0,05	0,05
Total Dissolved Solids (max.) <i>Ppm as NaCl</i>	1,500	1,500	1,500

Operating Pressure <i>bar</i>	9 - 14	9 - 14	9 - 14
Product Water Storage Tank	atmospheric	atmospheric	atmospheric
Delivery Pump	multistage	multistage	multistage
Delivery Pump	500 watts	500 watts	500 watts
Power <i>volts</i>	230	230	230
(frequency) <i>hertz</i>	50	50	50
(power) <i>kW</i>	1,1	1,1	1,7
Fitting Connections			
Inlet <i>diameter</i>	3/4" BPS SS**	3/4" BPS N.B***	3/4" BPS N.B***
Permate <i>diameter</i>	3/4" BPS SS**	3/4" BPS N.B***	3/4" BPS N.B***
Drain <i>diameter</i>	10 mm Push-in	10 mm Push-in	10 mm Push-in