

## Description of the device

The Cumulus CUMRO E-line reverse osmosis unit produces osmosis water with a conductivity of less than 20  $\mu\text{S}/\text{cm}$ . The unit is a so called gatekeeper, because it prevents bacteria and viruses from entering the humidifiers. Also the number of minerals are almost reduced to zero, so the water is ideal for the humidifiers because it also prevents calcification.



CUMRO E-20/E-90 PLUS



CUMRO E-140 PLUS



CUMRO E-250 PLUS

## Main features

- Energy efficient
- WaterFresh® program
- Little maintenance required
- Long lifespan
- Fully integrated into the Cumulus humidification installations

## Technical details

	CUMRO E-20 PLUS	CUMRO E-90 PLUS	CUMRO E-140 PLUS	CUMRO E-250 PLUS
Part number	10559	10854	9513	9514
Capacity of osmosis water [l/hr]	20	90	140	250
Max. capacity ingoing water [l/hr]	28	126	200	340
Dimensions [mm] (lengthxwidthxheight)	340x600x250	340x600x250	350x750x330	1,400x750x280
Weight [kg]	29	34	34	40
Dry run safety [bar]	X	0.6	0.6	0.6
Number of membranes [pc]	1			
Pressure of the osmosis pump [bar]	10-12			
Demineralisation effieienty [%]	95-98			
Voltage [Volt/Hz]	230 / 50			
Max. power consumption [kW]	4			
Power consumption in stand-by [W]	4			
Min. dynamic pressure ingoing water [bar]	2			
Max. dynamic pressure ingoing water [bar]	4			
Ambient temperature, min. - max. [° C]	1-25			
Max. temperature ingoing water [° C]	25			
Outgoing pressure (adjustable)	2-5			
Connection ingoing water [mm]	10			
Connection drain (reject) hose [mm]	8			
Water free of solid particles [ $\mu\text{m}$ ]	25			