



HEM Pure RO

For producing demineralised water

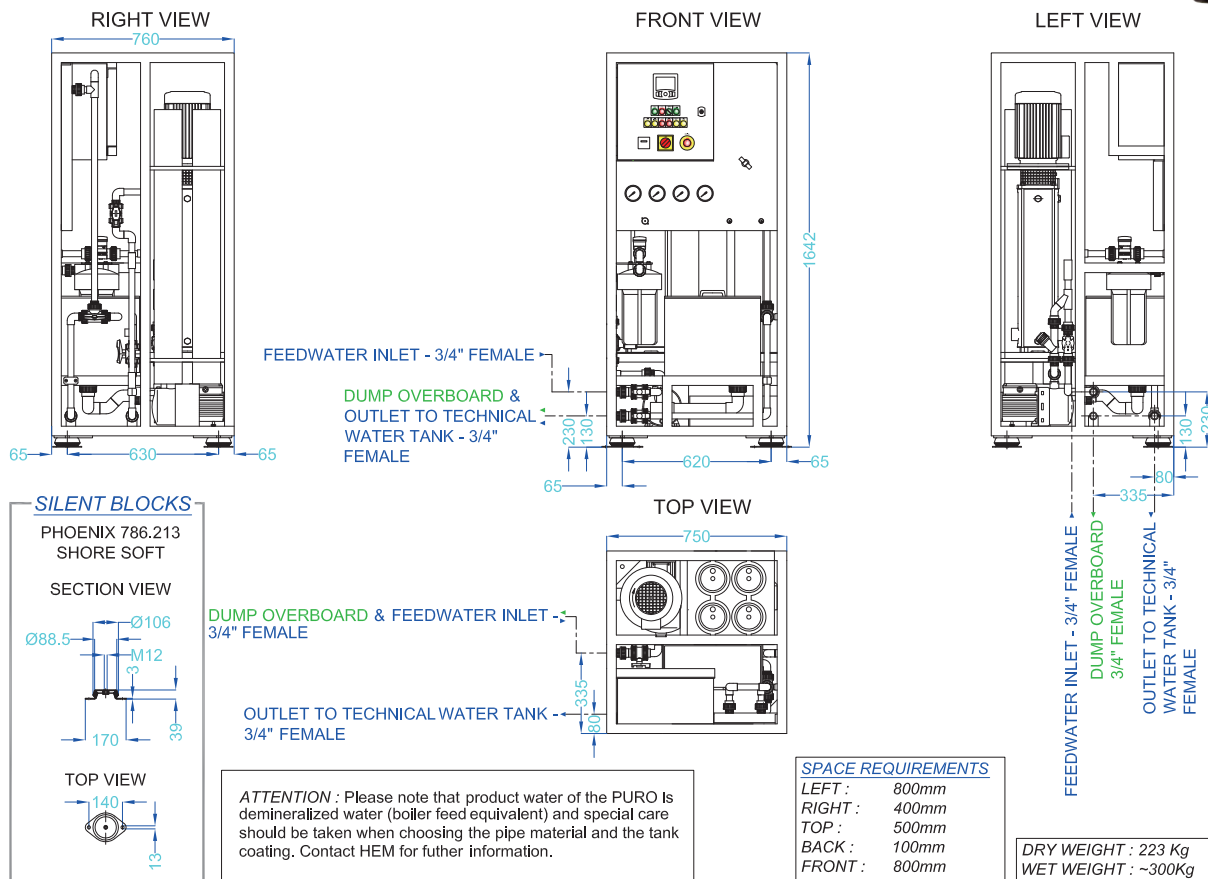
The unit produces between 25-36 m³/day (17-25 ltr/min) at a maximum salinity of 25 ppm TDS.

These units are specially designed to produce demineralised water which can be used as technical water, most frequently for washing down the hulls of yachts, especially if they are of a dark colour.

This saves a lot of manpower and time when it comes to the hull washdown, since the demineralised water leaves no streaks or traces.



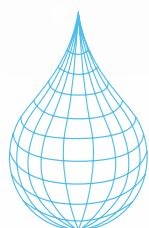
Dimensions



Technical Specifications

The Pure RO system is designed to operate according to the following specifications

HEM Pure R.O.	Softened shore water as feed	RO water as feed
Feed water flow to membranes	30-37 lpm	28-35 lpm
Permeate flow	17-23 lpm	18-25 lpm
Concentrate Dump flow	Minimum 15 lpm	Minimum 8 lpm
Recovery rate	60-65 %	75-80 %
Feed water salinity	300-500 ppm	300-500 ppm
Design feed water temperature	25 deg C	
Operating range	5-35 deg C	
Feed water pressure	2 - 4 bar	
Operating pressure range	16-17 bar	
Max operating pressure	17 bar (feed water dependent)	
Membrane configuration	Low energy spiral wound TFC	
Permeate nominal quality	10 ppm TDS	
Permeate max TDS.	50 ppm TDS	
HP pump type	MXVL 25-220/C Multistage Centrifugal	
HP pump motor	Shaft power: 3 Kw 400V-50Hz-3 phases-6.6A	
Feed water	Supplied by ship's hydrophore system	



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