



DATASHEET

PLICA 7 module

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A compact and versatile MD module for research purposes.

Suitable to give depth information of qualitative aspects such as distillate quality and possible issues such as wetting, fouling and scaling. Also quantitative indications can be derived from this module such as production capacity, thermal and electrical energy consumption.

aquastill

Application		Water purification from saline water
Requirements		
Minimal temperature		5 °C
Maximal temperature		83 °C
Maximal pressure		600 mbar
Maximal TDS feed flow		150.000 mg/ltr
Performance		
Salt rejection		Up to 99,97%
Distillate production capacity		2-60 ltr/hr
Nominal distillate quality		< 200 µS/cm
Heating demand		Dependent on operational parameters
Operation mode		AGMD
Flow ranges		
Circulation flow		200-2000 ltr/hr
General		
Number of membrane envelopes		6 pcs
Length of envelopes		1500 mm
Membrane surface area		7.2 m²
Dimensions		
Diameter		406 mm
Height		520 mm
Weight		24 kg
Materials		
Membrane		HDPE 0.3µm
Condensor		PET - Alu - PET
Circulation channels		PP diamond netting 2mm
Potting		Resin
Outside		PVC pipe with PU coating
Connections		
		Ø32 hose connections
Options		
Configurations		AGMD, LGMD, DCMD, V-AGMD