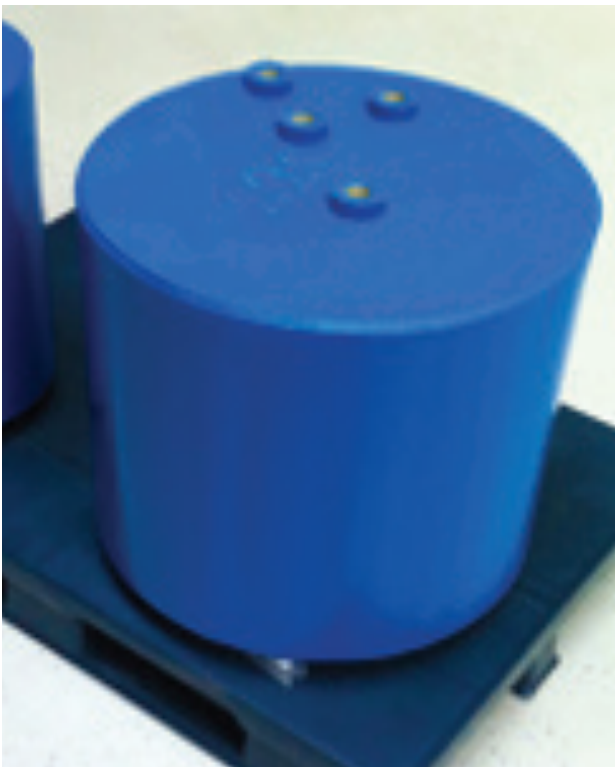


DATASHEET

PLICA 26 module

24/06/2020



Special developed module for high energy performance applications like solar desalination.

Pressure losses and thermal energy demand is decreased to an absolute minimum to meet the highest energy requirements. Athermal energy requirement as low as 250 kJ/m³ is reached and is called a record breaker among thermal desalination with the use of waste heat.

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		200-2200 ltr/hr
General		
Number of membrane envelopes		12 pcs
Length of envelopes		2700mm
Membrane surface area		25.92 m ²
Dimensions		
Diameter		610 mm
Height		520 mm
Weight		60 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, V-AGMD