



## DATASHEET

# PLICA 13 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		18 kW maximal	
Operation mode		AGMD	
Flow ranges			
Circulation flow		200-2000 ltr/hr	
General			
Number of membrane envelopes		6 pcs	
Lenght of enveloppes		2700	
Membrane surface area		12.96 m²	
Dimensions			
Diameter		600 mm	
Height		520 mm	
Weight		45 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	