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All equipment photographs taken by:
DREAMPHOTO - www.dreamphoto.pl

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Constant flow heater

S W A N

ADVANTAGES

- Minimum number of components
- Easy maintenane
- Tripple safety on outlet
- Compact design
- Low weight
- Marine thermostats
- Low weight

BENEFITS

- Simple construction - easy to maintenance
- Durable, long lasting materials
- Parts easily available, "on demand"

Designed and made in Poland ●

BASIC APPLICATION

- Ship's engines fuel diesel oil heater
- Ship's engines lubricating heater
- Burners and oil separators
- Pools

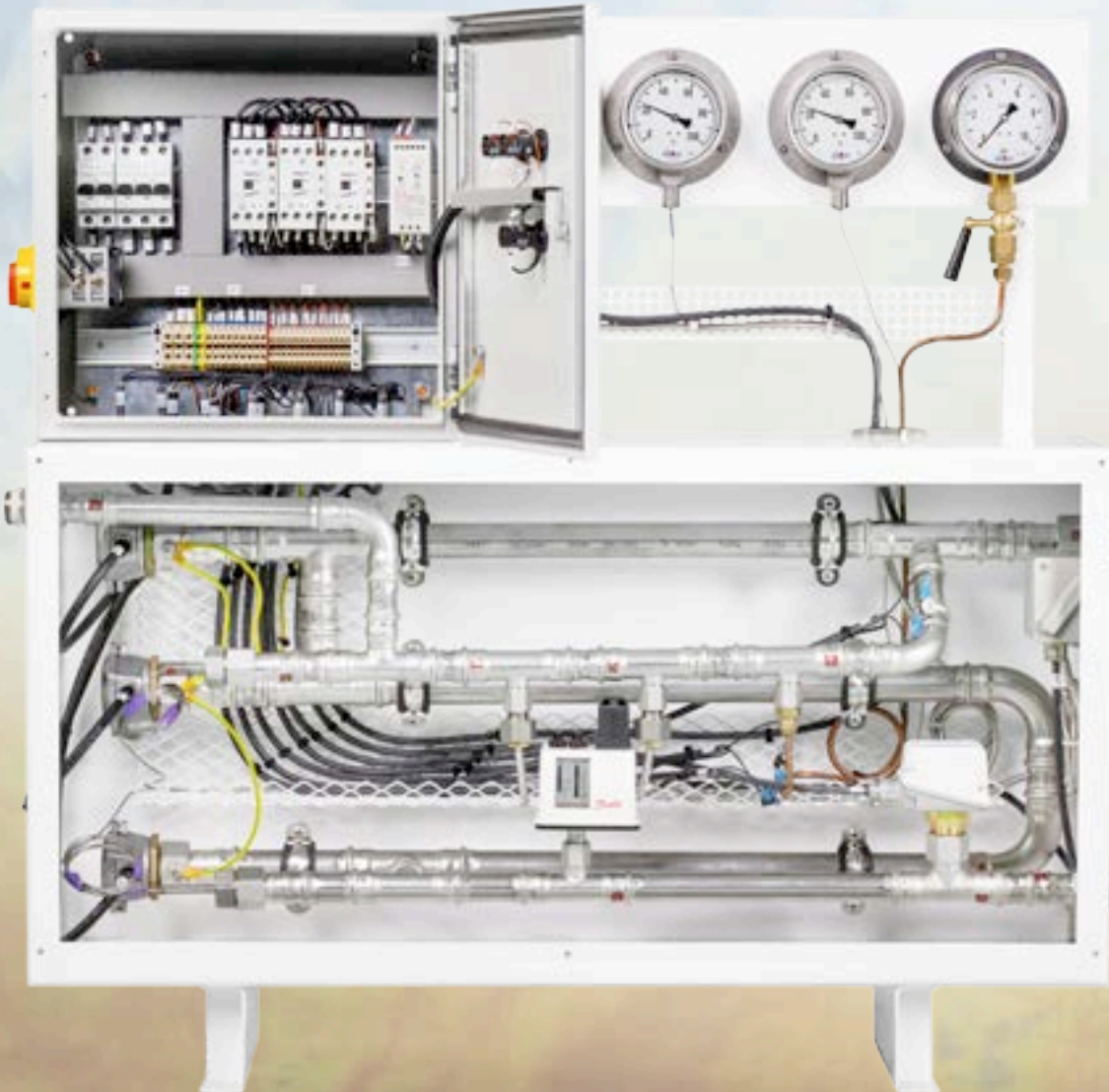
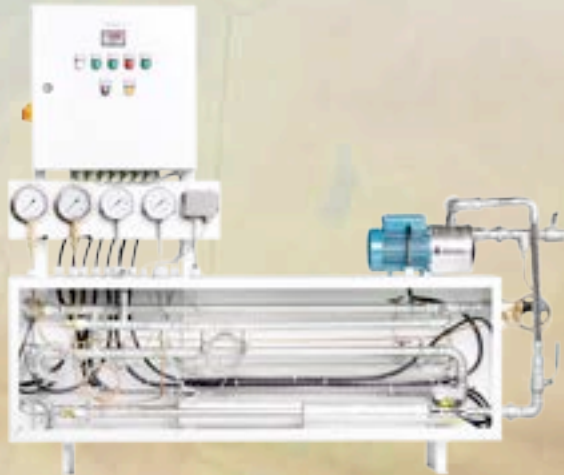


BASIC EXPLANATION

Swan is an electric flow-through heater for marine use. Is is also called tankless electric heater. Designed to be compact, adapted for marine applications, horizontal or vertical mounting. We offer various various pipe materials: carbon steel galvanized, cooper, stainless steel 316L, Cunifer - CuNi. Material of frame: stainless steel and powder painted.

STANDART DELIVERY

- Electric heaters from 1 to 100kW
- Electronic contactor for controlling the rezistors
- Electronic temperature control and digital indicator
- Safety regulator
- Thermometers (2pcs), Manometers (2pcs)
- Stainless steel circulating pump (1pc)
- Safety presostat and thermostat (double protection)
- Safety valve (tripple safety)
- Electric box
- Unit is tested



gross weight	25kg	TECHNICAL DATA
max. dimensions with maintenance space	205 x 50 x 30 cm	
material	316L SS	
protection class	IP65	
400J/m2 (98% transparent water after osmosis or evaporator)	10.3 m3/h	
400J/m2 (fresh water from land supply 90-95% transparency)	6.5 - 8.8 m3/h	REACTOR DATA
connection	1 1/2" male	
dimensions (w/l/d)	20/105/130 cm	
diameter (mm)	130 mm	
volume (l) approx.	10	
weight (kg) approx.	15	
max. operation pressure	10 bar	LAMP DATA
lamp type	Phillips low power	
power of lamp	2x75W	
UV-C radiation	25x2=50W	
quantity of lamps	2	
expected lamp lifetime (h)	9000	ELECTRIC BOX DATA
cabinet material	black steel	
dimensions (w/h/d)	20/60/20 mm	
weight (kg)	4	
supply voltage	230V 50Hz/60Hz	
power consumption	180W	
protection class	IP44	
solenoid valve	yes (1 1/2")	
UV sensor	yes	