Wilhelmsen Ships Service

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HPC SOLAR BOOSTER WITH 18KW HEATER

Product group: **435** Product number: **651100**

The HPC SOLAR BOOSTER WITH 18KW HEATER is an electrically powered stationary heating system designed specifically for the marine industry. Offering a pollution-free operation, this system eliminates exhaust gas emissions, making it an environmentally friendly solution for onboard cleaning.



Product information

Featuring a large 119-liter heating tank, the HPC SOLAR BOOSTER is equipped with an 18 kW heater that ensures efficient hot water production for high-pressure cleaning applications. A dedicated feeder pump, positioned before the high-pressure pump, ensures that the machine can consistently produce water at a maximum temperature of 85°C, pre-heated in the tank. This pre-heating system ensures that hot water is readily available as soon as the spray gun is activated, offering seamless and efficient cleaning performance onboard vessels. The HPC SOLAR BOOSTER is the ideal choice for marine operators seeking a powerful, reliable, and eco-friendly high-pressure cleaning solution for optimal results. This product supersedes the previous model, product 665190.

Features

- **Compact design**: Easily fixed to the deck for space-saving installation onboard.
- **Stainless Steel Frame & Robust Cabinet**: Ensures long lifespan and protects the pump from damage in harsh marine environments.
- **Inlet Water Temp 85ºC**: Ideal for use with pre-heated water to reduce the power needed for heating to the desired temperature.
- **4 Ceramic Piston Pump**: Designed for intense applications, capable of continuous use for over 8 hours per day.
- **Lowered Pressure Output**: Operates at 160 bar, reducing service needs and minimizing wear and tear (though the pump can handle up to 190 bar).
- **1400 RPM Motor**: Slow-running motor extends the working life during high-intensity operations.
- **Built-in Water Tank with Heaters**: Ensures constant heating and reliable water supply to the pump.
- **Electric Water Heating**: Pollution-free operation with flexible setup options.

Benefits

- **Environmentally Friendly & Pollution-Free**: Operates with no exhaust emissions, reducing environmental impact.
- **Highly Portable**: Compact and easy to set up in various locations onboard.
- **Long Lifespan**: Durable construction ensures reliable, long-term performance.
- **Efficient High-Pressure Cleaning**: Provides consistent hot water at up to 85°C for optimal cleaning.
- **Seamless Hot Water Delivery**: Preheating tank ensures immediate availability of hot water when needed.

Specification

Dimensions/Weight

Height [mm]	960
Length [mm]	770
Weight [kg]	178
Width [mm]	1030

Technical data

Electrical phase	3
Frequency [Hz]	60
Operating pressure [bar]	160
Operating temperature [°C]	85 maximum
Power rating [kW]	7.7
Voltage [V]	440 main supply

Performance data

Flow capacity [l/min]	18.5
Heating capacity [kW]	18 maximum

Documents

SDoC and MD for IHM

HPC SOLAR BOOSTER_INSTRUCTION MANUAl

Related products

Accessories

546036
COUPLING KIT ERGO 3000

623595
TAKE OFF VALVE 6402023 ACID PROOF 316

665158
ERGO 3000 SPRAY GUN

565853
WATER SAND BLASTING LANCE F/VSB 300 03K

633995
Q. COUPLING, MALE 3/4"

546044
WASHING BRUSH 235CM LONG

621821
DRAIN CLEANER F/HPC 67/HPC 61 HW/STAIONERY, 20M

545640
SUCTION HOSE&ROD F/VSB300

545335
FOAM INJECTOR DETACHABLE

545327
CHEM. INJECTOR DETACHABLE

711119
HP.OUTLET HOSE FOR STATIONARY 2M

621938
LONG REACH LANCE

621896
HOSE CART, MOBILE

546150
DOUBLE LANCE 2OOCM LONG 064 NOZZLE

545343
FOAM LANCE 120CM LONG

659151
EXTENDABLE LANCE 5.5M W/OUT NOZZLE

545434
DOUBLE LANCE 10CM LONG 06 NOZZLE

718577
NOZZLE 06/25DGR. F/EXTENDABLE LANCE

718593
NOZZLE 06/0DGR. F/EXTENDABLE LANCE

623603
TAKE OFF VALVE 6402024 CHR. PLATED BRASS

550030
UNITOR HEAVY DUTY HOSE 250BAR BLUE 25M

550035
UNITOR HEAVY DUTY HOSE 250BAR 25M

550040
UNITOR HEAVY DUTY HOSE 250BAR 15M

770008
UNITOR DYNAMIS/ PPE KIT 500 BAR

545025
545025 HOSE PROTECTION 1400MM-500 BAR WITH ADJUSTABLE STRAP.

682070
UNIVERSAL.3000 LANCE 06 NOZZLE

659110
TORNADO LANCE 92CM WITH 06 NOZZLE

565861
RUBBER NOZZLES (10 PCS) F/VSB 300

Consumables

571729
HP WASH 25 LTR

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