# 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. Adedicated 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 spraygun 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 85°C: 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

Bectrical 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

Heating capacity [kW]	18 maximum
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### **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

WATER SAND BLASTING LANCE F/VSB 300 03K

Q. COUPLING, MALE 3/4"

546044

WASHING BRUSH 235CM LONG

621821

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

SUCTION HOSE&ROD F/VSB300

545335

FOAMINJECTOR DETACHABLE

545327

CHEM INJECTOR DETACHABLE

711119

HP.OUTLET HOSE FOR STATIONARY 2M

621938

LONG REACH LANCE

621896

HOSE CART, MOBILE

546150

DOUBLE LANCE 200CM LONG 064 NOZZLE

545343

FOAMLANCE 120CMLONG

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

UNITOR HEAVY DUTY HOSE 250BAR 25M

UNITOR HEAVY DUTY HOSE 250BAR 15M

770008

UNITOR DYNAMIS/ PPE KIT 500 BAR

545025

HOSE PROTECTION 1400MM Ø41 - 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