

# 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 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

|                            |                 |
|----------------------------|-----------------|
| 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

|                       |            |
|-----------------------|------------|
| 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/VSF 300 03K

**633995**  
Q. COUPLING, MALE 3/4"

**546044**  
WASHING BRUSH 235CMLONG

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

**545640**  
SUCTION HOSE&ROD F/VSF300

**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 200CMLONG 064 NOZZLE

**545343**  
FOAM LANCE 120CMLONG

**659151**  
EXTENDABLE LANCE 5.5M W/OUT NOZZLE

**545434**  
DOUBLE LANCE 10CMLONG 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**  
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/VSF 300

Consumables

**571729**  
HP WASH 25 LTR