

INSTANT PREHEATERS

Instant preheater systems can preheat sanitary hot water from a primary storage connected to a Boosttherm heat recovery module. A specific electronic regulation optimize preheating operation to obtain the best heat recovery performances. The system can provide preheated water without sanitary water storage to a water heater.

- System delivered with a ground fixation.
- Heat exchanger insulation shell.
- Variable speed pump for primary circuit – internal thermal protection.
- Electronic regulation with auto-tuning mode (no setting) with pump speed variation, frost protection mode, stand-by mode, automatic air venting cycle...
- Delivered with temperature sensors, low pressure switch for primary circuit and flow detector for sanitary water.
- Power supply : 230V-50/60Hz
- Electronic board protection: 160mA. IP44 electrical box.



| Model | Connections | | Primary Pump | | Max power input (W) | Primary volume (L) | Size HxLxD / Weight (mm) / (kg) | Code | Price |
|-------------------------|-------------|-----------|---------------------|---------------------|---------------------|--------------------|---------------------------------|----------------|----------------|
| | Primary | Secondary | Max man. head (mWg) | Max flow rate (l/h) | | | | | |
| 50 kW preheater | G1"1/4 | G1"1/2 | 7.5 | 2 000 | 130 | 1,6 | 600x160x180 / 25 | 870 005 | 2 392 € |
| 150 kW preheater | G1"1/2 | G1"1/2 | 12 | 4 500 | 360 | 2,16 | 740x160x200 / 35 | 870 015 | 2 946 € |
| 300 kW preheater | Flange DN50 | G1"1/2 | 12 | 4 500 | 640* | 3,78 | 1000x400x900 / 80 | 870 030 | 5 430 € |
| 450 kW preheater | Flange DN65 | G2" | 12 | 12 000 | 850* | 5,58 | 1000x400x1000 / 110 | 870 045 | 7 775 € |
| 600 kW preheater | Flange DN65 | G2"1/2 | 16 | 13 000 | 1 500* | 8,46 | 1000x400x1000 / 90 | 870 060 | 8 881 € |

* Individual power supply and protection for the pump (not from the electrical box)

| Model | For a primary at 55°C | | |
|-------------------------|-----------------------|----------------------------|----------------------------|
| | Primary power | Min. DHW flow rate 12-50°C | Max. DHW flow rate 12-50°C |
| 50 kW preheater | 50 kW | 5 l/min | 1.1 m3/h |
| 150 kW preheater | 150 kW | 5 l/min | 3.4 m3/h |
| 300 kW preheater | 300 kW | 5 l/min | 6.8 m3/h |
| 450 kW preheater | 450 kW | 22 l/min | 10.2 m3/h |
| 600 kW preheater | 600 kW | 22 l/min | 12.6 m3/h |

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