



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
	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
150 kW preheater	G1"1/2	G1"1/2	12	4 500	360	2,16	740x160x200 / 35	870 015
300 kW preheater	Flange DN50	G1"1/2	12	4 500	640*	3,78	1000x400x900 / 80	870 030
450 kW preheater	Flange DN65	G2"	12	12 000	850*	5,58	1000x400x1000 / 110	870 045
600 kW preheater	Flange DN65	G2"1/2	16	13 000	1 500*	8,46	1000x400x1000 / 90	870 060

* 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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