

# BACKER FLOW HEATER UNIT BFU



## Description

The supplementary heater is often used as a complement to a heat pump but can also be used together with other heating appliances where circulating fluid needs to be heated. The heater will operate when the heat pump capacity is not sufficient, for example during cold winter days. A supplementary flow heater also adds extra security if the heat pump malfunctions.

## Technical specification

Material	Heating element: EN 1.4404, tube: EN 1.4301 Casing material: Al Zn-plated steel
Water pressure	Max 7 bar
Water quality	Non corrosive and oxygen free
Material	Heating element: EN 1.4404, tube: EN 1.4301 Casing material: Al Zn-plated steel
Water pressure	Max 7 bar
Operating temp	~60°C
Safety	Protection class IP 44 The heaters manufactured meet requirements acc. to EN 60335-1, EN 60335-2-40 and comply with WEEE/RoHS
Protection class	IP44
Optional	Thermostat 30-90°C
Others	Color RAL 9002



Max power	5 kW	8 kW	9 kW	15 kW	26 kW	42 kW
Step 1	1,7 kW	2 kW	3 kW	5 kW	4 kW	6 kW
Step 2	3,4 kW	6 kW	6 kW	10 kW	7 kW	12 kW
Step 3					15 kW	24kW
Voltage	230V/11~	230V/11~	400 V/3~	400 V/3~	400 V/3~	400 V/3~
Connection	G1"	G1"	G1¼"	G1¼"	G1¼"	G1½"
Dimension mm (height x width x depth)	560x240x135	560x240x135	560x240x135	560x240x135	560x240x135	700x350x400
Thermal cut-off	96°C	96°C	96°C	96°C	110°C	110°C

## Tubular Elements

### BENEFITS

- Unit complete with control
- Easy to install
- Can be used temporary or continuously

### FIELDS OF APPLICATION

- Heat pump
- Solar systems
- Heating of swimming pools



Swimming pool