

AH-B-...
AH-H-...

Screw-in heater

without combination of temperature control and
safety temperature limiter

PV-Own power consumption

- Low output from 0.5 kW
- Flange heater upon request
- It's important to observe that a safety temperature limiter with all-pole disconnection is a regulation



Application

Features

Auxiliary heating system of drinking water and heating water.

The heating element is made of three U-shaped heating tubes, which are soldered into a 1½" conical brass nipple.

The unheated zone is 150 mm for all types.

The heating elements are designed for 230 V~ and can also be operated up to 3.0 kW with 400 V 3~ using neutral point switching.

From an output of 4.5 kW, only 400 V 3~ is possible.

Type summary

Drinking water
Cronifer 1.4529

Type	Order-no.	Power	Immersion length [EL]
AH-B-1.0	012-3901	1.0kW; 230V~ / 400V 3~	300mm
AH-B-1.5	012-3902	1.5kW; 230V~ / 400V 3~	300mm
AH-B-2.0	012-3903	2.0kW; 230V~ / 400V 3~	300mm
AH-B-2.5	012-3904	2.5kW; 230V~ / 400V 3~	350mm
AH-B-3.0	012-3905	3.0kW; 230V~ / 400V 3~	400mm
AH-B-3.8	012-3906	3.8kW; 400V 3~	450mm
AH-B-4.5	012-3907	4.5kW; 400V 3~	500mm
AH-B-6.0	012-3908	6.0kW; 400V 3~	600mm
AH-B-7.5	012-3909	7.5kW; 400V 3~	700mm
AH-B-9.0	012-3910	9.0kW; 400V 3~	750mm
AH-H-1.0	012-3921	1.0kW; 230V~ / 400V 3~	300mm
AH-H-1.5	012-3922	1.5kW; 230V~ / 400V 3~	300mm
AH-H-2.0	012-3923	2.0kW; 230V~ / 400V 3~	300mm
AH-H-2.5	012-3924	2.5kW; 230V~ / 400V 3~	350mm
AH-H-3.0	012-3925	3.0kW; 230V~ / 400V 3~	400mm
AH-H-3.8	012-3926	4.5kW; 400V 3~	450mm
AH-H-4.5	012-3927	4.5kW; 400V 3~	500mm
AH-H-6.0	012-3928	6.0kW; 400V 3~	600mm
AH-H-7.5	012-3929	7.5kW; 400V 3~	700mm
AH-H-9.0	012-3930	9.0kW; 400V 3~	750mm

Heating water
CN 18/8 1.4541

Technical data

The following indications are valid for the above listed standard types. Due to the function, other types might show different data.

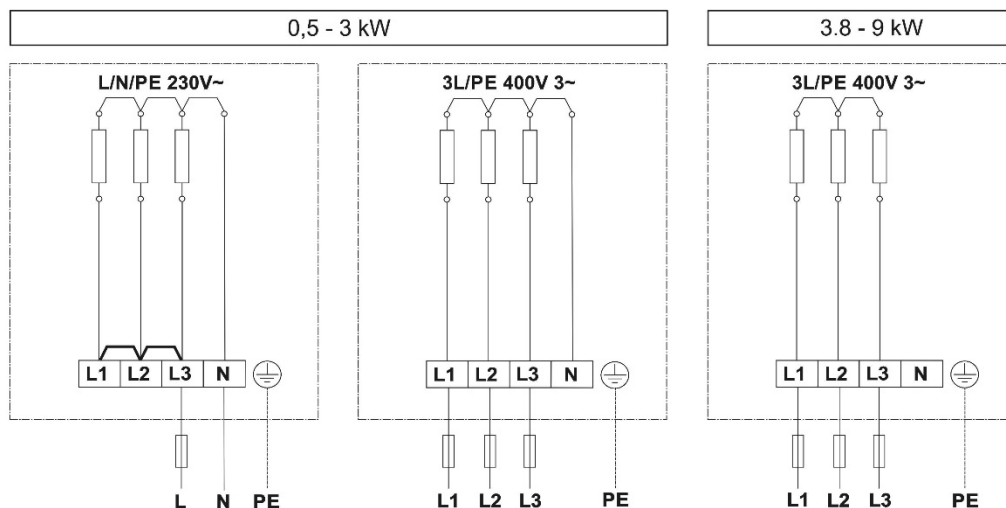
Specification

Fitting thread	R 1½" sonical
Brass nipple	CuZn40Pb2
Heating tube drinking water	Cronifer 1.4529, Ø 8.2 mm
Heating tube heating water	CN 18/8 1.4541, Ø 8.2 mm
Surface load	8-9 W/cm²
Electrical connection	Spring clip
Operating pressure	10 bar max.
Housing cover	Polycarbonate, RAL 7035 (light gray)
Housing base	Polycarbonate, RAL 7016 (anthracite gray)
Protection mode	IP41 acc. EN 60529

Fitting notes

The device must be installed horizontally. The heating tubes must be covered entirely by the liquid. The circulation of the liquid shall not be inhibited.

Wiring diagram



Dimension drawing

