

Installation and operation instructions

Troubleshooting

Elimination of faults by the qualified installer

Fault	Cause	Rectification
The flow switch is not switching the heating on despite the hot water fitting being fully opened.	The water flow rate for the system to switch-on has not been attained. - Dirt contamination or limescale formation in the filter.	- Clean the filter (see fig. 1#7) after shutting the cold water cable entry.
Unit not heating	- The safety thermal cut-out has switched the unit off for safety reasons. - Reed switch defective	- Disconnect the current to the unit. Eliminate the cause of the fault. Press the reset button on the safety thermal cut-out (see Fig. 1#3) - Replace the reed switch

Guarantee

For Guarantees please refer to the respective terms and conditions of supply for your country.

⚠ The installation, electrical connection and first operation of this appliance should be carried out by the qualified installer.

The company does not accept liability for failure of any goods supplied which have not been installed and operated in accordance with the manufacturer's instruction.

Environment and recycling

Please help us to protect the environment by disposing of the packaging in accordance with national regulations for waste processing.

Technical data

Type	SimpleX
Design	Pressurized
Rated max. working pressure	1MPa(10 bar)
Capacity	0.5 l.
Protection class	IP24
Water connection	G 1/2"
Electrical connection	3 P/PE ~ 380 - 415 V.A.C.
Rated power @ 3 ph.	
380V	3700 w/ph.
400V	4050 w/ph.
415V	4400 w/ph.
Switch on flow	l/min 4.0

⚠ For water supply higher than rated max working pressure, to install approved pressure reducing device before the water heater

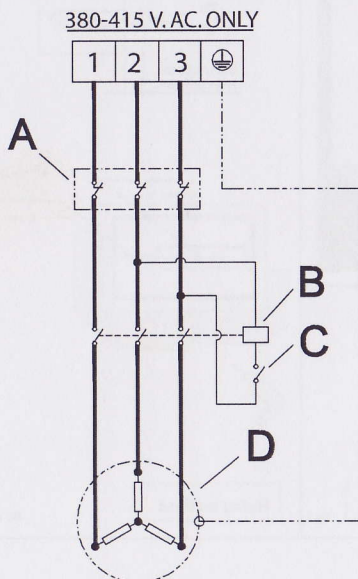


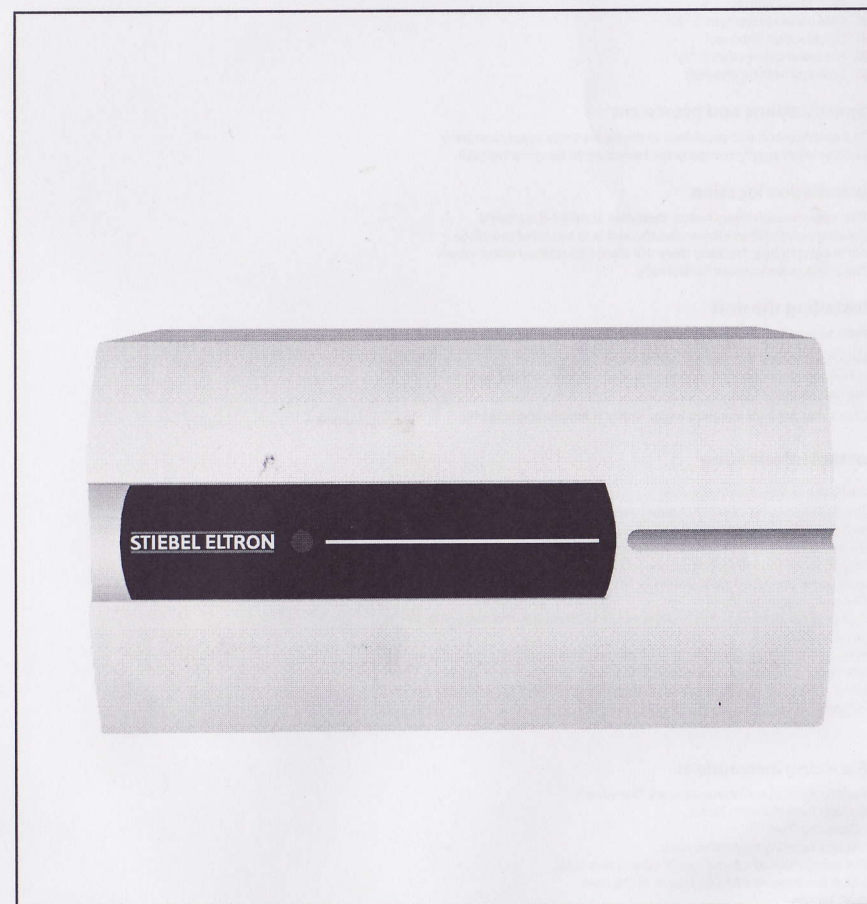
fig. 5

- A - 3 pole manual reset Thermal cut-out
- B - Magnetic Contactor
- C - Flow Switch
- D - Heating Element

STIEBEL ELTRON
Comfort Through Technology

SimpleX

Instantaneous water heater (pressure type) Operation and installation instructions



This water heater must be installed (water and electrical installation), commissioned and serviced by approved service technicians in accordance with these instructions.

SIZE : A5
MATERIAL : WHITE PAPER 80 G.
PART NO. 6901-271094 REV.01

Installation and operation instructions for the qualified installer

⚠ The installation, electrical connection and first operation of this appliance should be carried out by a qualified installer. The Installation shall comply with AS 3500.4.1 or AS/NZS 3500.4.2 and any other relevant Australian Standards and industry codes relevant to application (eg, AS3500.5 for domestic installation)

The company does not accept liability for failure of any goods supplied which have not been installed and operated in accordance with the manufacturer's instruction.

1 Description of the unit (see fig. 1)

- The SimpleX is an automatic instantaneous water heater unit.
- 1) Terminal Block for electrical connection
 - 2) Cable Bushing for electric connection cable, concealed and visible.
 - 3) 3 - pole manual reset thermal cut-out
 - 4) Contactor, 630 VAC, 18A
 - 5) Reed (flow) switch
 - 6) Cold water connection G 1/2"
 - 7) Combination filter/seal
 - 8) Hot water connection G 1/2"
 - 9) Tank and heating element

2 Specifications and provisions

The specifications and provisions of the local energy supply company and the water supply company concerned are to be complied with.

3 Installation location

The instantaneous water heater should be installed close to the drawing points. When dismantled, the unit is to be stored in a place not subject to frost, because there will always be residual water inside. The unit is to be installed horizontally.

4 Installing the unit

Refer to installation drawing guide in this manual (see fig. 2,3,4)

⚠ Before energising the unit, all the hot water valves connected are to be kept open until the pipe network and the unit are free of air.

Check that the instantaneous water heater is functioning properly.

Important information

- ⚠** Install the unit flush with the wall
- ⚠** The device must be capable of being isolated from the mains, for example by fuses, with an isolating distance of least 3 mm, in all poles
- ⚠** Do not switch the unit on if you suspect it of being frozen.
- ⚠** To guarantee trouble-free operation and safety, only genuine Stiebel Eltron accessories and spare parts should be fitted to this appliance.
- ⚠** The unit must be earthed.
- ⚠** Do not allow children or infirm persons to use this unit without proper adult supervision.
- ⚠** Water temperatures in excess of 50 °C can be produced by the unit. Therefore, a temperature controlling device must be used as part of the installation if hot-water is supplied to sanitary fixtures primarily used for the purposes of personal hygiene.

5 Servicing instructions

Applicable to all maintenance work: Disconnect the unit from the main circuit.

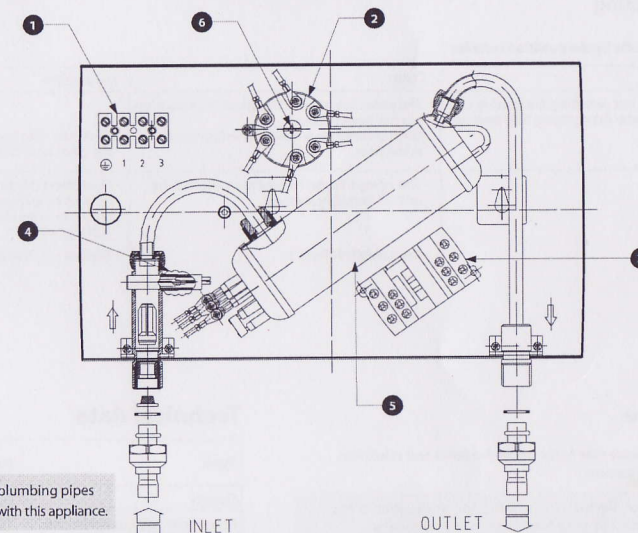
- Clean the filter
- Reset the safety thermal cut-out.

The safety thermal cut-out can be reactivated after a fault has been rectified by means of the reset push button.

For all services:

- ⚠** After any servicing, make sure the earthing screw is tightened properly.
- ⚠** All electrical and plumbing work shall comply to all national/state rules and regulations.

Installation and operation instructions



Caution

Plastic (uPVC/HDPE) plumbing pipes must not be used together with this appliance.

Description of the Unit

Fig. 1

- | | | |
|-----------------------|--------------------|--------------------|
| 1 Terminal Block | 3 Contactor | 5 Tank and Element |
| 2 Thermal cut-out AS3 | 4 Reed Flow Switch | 6 Reset Switch |

Type multi-point type installation Heater unit can also be installed under the sink.

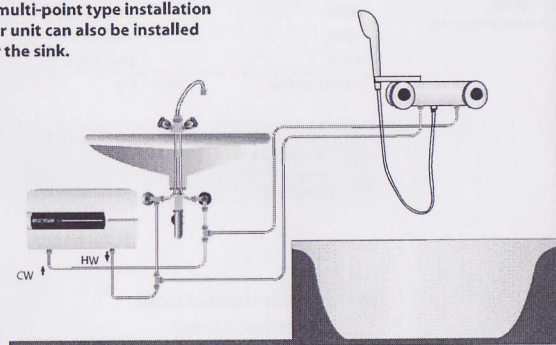
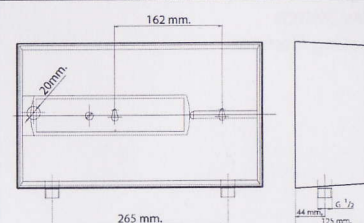
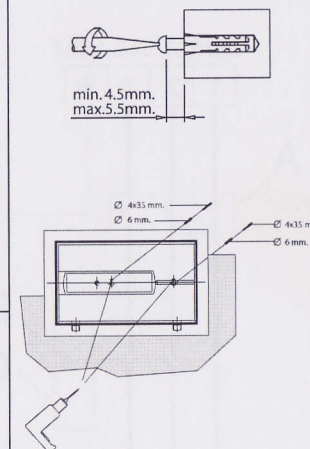


Fig. 2



Mounting Dimensions

Fig. 3



Fixing method

Fig. 4