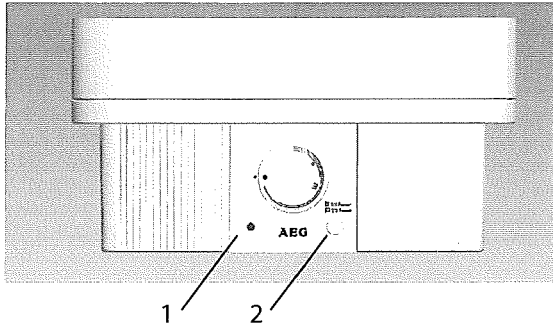
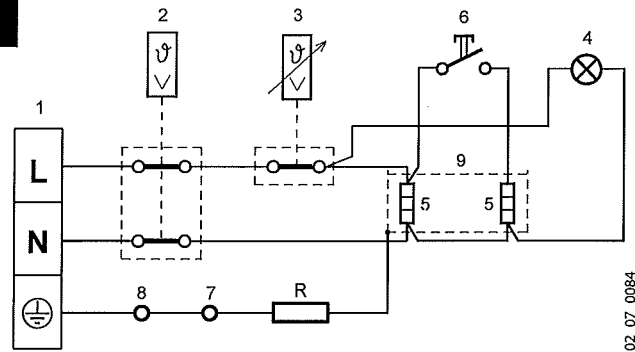


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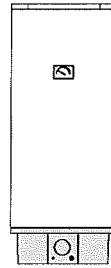
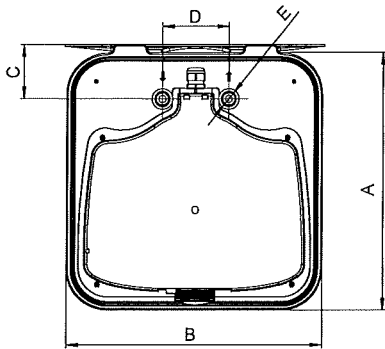
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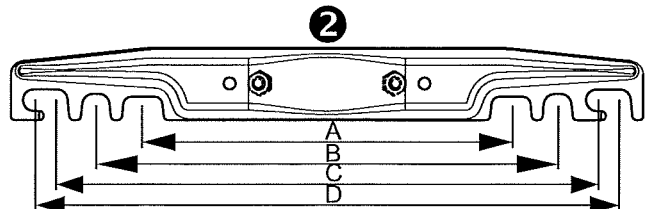
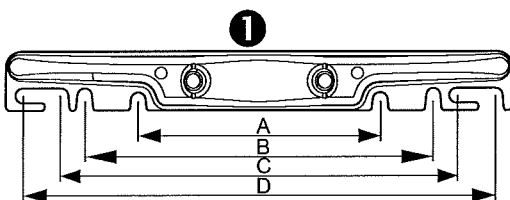
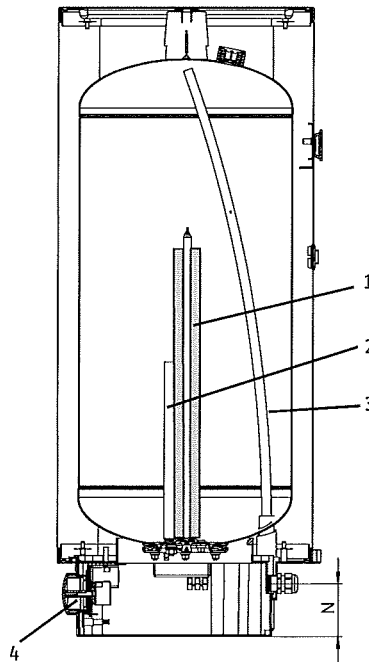
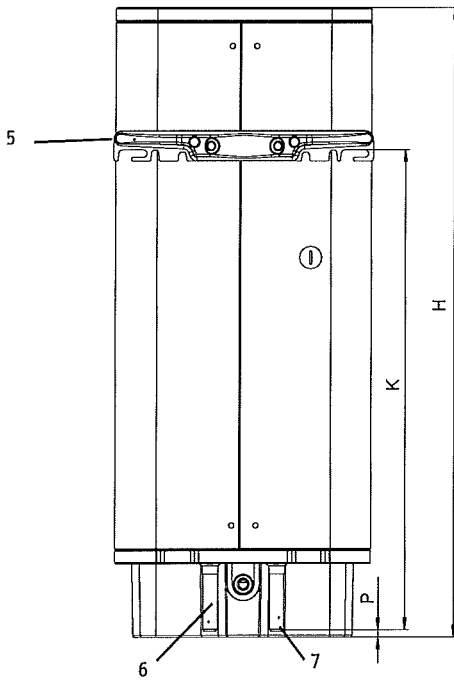
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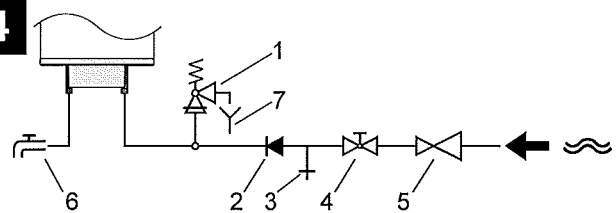
= EWH ... Comfort N



26_02_07_0008
26_02_07_0010

Typ		❶ = 30 - 50 l	❷ = 80 - 150 l
A	mm	184	282,5
B	mm	265	355
C	mm	300	415
D	mm	360	450

4



26_02_07_0075

1. Operating and installation instructions

Keep these instructions in a safe place. Hand them over to the new owner if the appliance changes hands. Make them available to the fitter when any maintenance work or repairs are carried out.

2. Installation

2.1 Wall mounting

Fit the EWH Comfort / Comfort N wall-mounted storage water heaters in a frost-proof room next to the connection point.

The materials used to mount the appliance must be selected according to the strength of the wall. The combined weight of the storage water heaters and their water filling (see the table „Technical specifications“) must be taken into consideration.

The position of the screws required for installation is shown in Figure 3.

The mounting brackets for installation are an integral part of the storage water heater.

The water heaters are only suitable for vertical wall mounting. The water connections must point downwards.

2.2 Water connection

The appliance must be connected to the water system by an authorised specialist technician, taking the applicable installation instructions and the relevant standards and regulations into consideration.

The water connection is unvented (pressure-proof) to supply several drawing points.

The wall-mounted storage water heater is suitable for connection to plastic pipe systems.

Information on connecting to plastic pipe systems: In the event of malfunctions, temperatures of up to 95 °C (max. 0.6 MPa) can occur. Any plastic pipes used must be designed for these conditions.



If the water pressure is higher than 5 bar, a pressure reducer must be fitted in the cold-water supply line.



Caution: The appliance is under pressure. During the heating process, expansion water will drip from the safety valve. If water continues to drip when heating is completed, please inform your contractor.

Before connecting the storage water heater to the water pipe, rinse out the pipe thoroughly to prevent any foreign objects from entering the storage water heater or the safety components.

It is recommended to install the storage water heater in the way shown in Figure 4.



The storage water heater must always be installed together with an approved diaphragm safety valve.

The safety information given in the installation instructions for the diaphragm safety valve must be observed. Regularly check the function of the safety valve.

The safety valve protects the storage water heater from excessive increases in pressure. The EWH Comfort wall-mounted storage water heaters are fitted with a safety valve without non-return valve as an accessory. The EWH Comfort N wall-mounted storage water heaters are fitted with a safety valve with non-return valve as an accessory. The safety valve must be actuated at regular intervals to prevent it from jamming as a result of furring (lime deposits).

The dripping-water outlet of the safety valve must always remain open to the atmosphere.

The dripping-water outlet must be connected to a downward-pointing drain pipe which ensures unobstructed drainage of the water.

Filling: After connecting the storage water heater, open the stop valve.

Then open the hot-water tap. The storage water heater is full when water is discharged from the hot-water tap.

Then close the outlet tap and check the system for leaks.



Never connect the storage water heater to the electrical power supply without first checking whether the storage water heater is actually filled with water.

2.3 Electrical connection 2

- | | |
|-----------------------------|------------------------------|
| 1 Terminal strip | 6 Switch for full/half power |
| 2 High limit safety cut-out | 7 Anode |
| 3 Thermostat | 8 DHW cylinder |
| 4 Glow lamp | 9 Flange |
| 5 Heating element | R Resistor (560 Ohm) |

The appliance must be connected to the power supply taking the applicable installation instructions and the relevant standards and regulations into consideration. It is particularly important to observe the "Regulations for installing high-voltage systems with rated voltages up to 1000 V" and regulations from the local power supply company. The appliances are only designed for permanent connection to a 230 V ~ AC network. A contact gap of at least 3 mm (e.g. fuse) along the supply cable must be provided for all poles at the installation location.



Electrical connection should be carried out by an authorised fitter only.

The storage water heater has a connecting cable (length approx. 1.00 m). The connecting cable must be connected or replaced by an approved contractor.

When delivered, the PSH Comfort / Comfort N wall-mounted storage water heaters are wired in the way shown in circuit diagram 2.

2.4 Putting into operation


The specialist technician must monitor the appliance when it is put into operation and heats water for the first time.

The water temperature can be adjusted as required (see Figure 1). With low hot-water consumption or with very hard water, it is recommended to select the energy-saving setting **e** (approx. 60 °C). The appliance reheats automatically at certain intervals or when hot water is drawn.

It is only advisable to disconnect the storage water heater from the power supply if it is to remain unused for a relatively long period of time. Heat loss is minimised by the high-quality heat-insulation material made of CFC-free polyurethane foam.

If there is a risk of exposure to subzero temperatures, the stop valve must be closed and the storage water heater then drained via the drain valve at the safety valve.

2.5 Operating panel 1

- 1 Status lamp
- 2 Switch for full/half power
- Frost-protection setting
- E Energy-saving setting (approx. 40°C)
- e Energy-saving setting (approx. 60°C)
-  Temperature range (approx. 80 °C)

2.6 Maintenance

The outside of the storage water heater does not require any special maintenance. To clean, wipe using a soft cloth or damp sponge only. Do not use any abrasive agents or aggressive detergents.



Caution! Always fully disconnect the appliance from the power supply before carrying out any maintenance work.

To ensure a long service life, it is recommended to have a specialist technician inspect the anti-corrosion anode (magnesium anode) in the appliance once per year. This check may need to be carried out more frequently in areas with particularly aggressive water – ask the fitter or your local water supply company for information.

The appliance is protected against overheating by a high limit safety cut-out which interrupts all phases. If the high limit safety cut-out has been triggered, an authorised specialist technician is required to carry out the repair work. After triggering, the High limit safety cut-out can be reset by pressing the button (marked Safety) under the switchbox cover.

2.7 Technical specifications

Type		EWH Comfort 30 / 30 N	EWH Comfort 50 / 50 N	EWH Comfort 80 / 80 N	EWH Comfort 100 / 100 N	EWH Comfort 120 / 120 N	EWH Comfort 150 / 150 N
Rated voltage		1/N/PE ~ 230V					
Power consumption	W	2 x 900	2 x 900	2 x 900	2 x 900	2 x 900	2 x 1200
Nominal capacity	Litres	30	50	80	100	120	150
Power consumption in stand-by mode	kWh/d	0.55	0.71	0.89	1.04	1.14	1.29
Drawable quantity of mixed water at 40 °C *	Litres	56	102	145.5	191	229	292
Weight (empty)	kg	18	24	30	34	40	48
Dimensions	A	mm	380	380	475	475	475
	B	mm	380	380	475	475	475
	C	mm	80	80	85	85	85
	D	mm	100	100	100	100	100
	E	mm	G 1/2"	G 1/2"	G 3/4"	G 3/4"	G 3/4"
	H	mm	676	931	893	1045	1200
	K	mm	445	705	592	735	870
	N	mm	78.5	78.5	78.5	78.5	78.5
	P	mm	10	10	30	30	30
Permissible operating pressure	MPa	0.6					
Degree of protection		Protection against water jets (IP 25)					
Mark of conformity		See rating plate					

* Cold water inlet 15 °C and cylinder temperature 65 °C

2.8 Dimensions **3**

Dimensions of storage water heater (see table "Technical specifications")

- | | | |
|------------------------------|---|--------------------------|
| 1 Heating element | 5 | Mounting bracket |
| 2 Magnesium anode | 6 | Water connection fitting |
| 3 Delivery pipe | 7 | DHW outlet |
| 4 Temperature selection knob | | |

2.9 Installation type **4**

- | | | |
|----------------------------|---|------------------|
| 1 Safety valve | 4 | Stop valve |
| 2 Non-return valve | 5 | Pressure reducer |
| 3 Pressure test connection | 6 | Drawing points |

3. 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 a qualified installer.

The company does not accept liability for failure of any goods supplied which accordance with the manufacturer's instructions.

3.1 Environment and recycling

Recycling of obsolete appliances



Appliances with this label must not be disposed off with the general waste. They must be collected separately and disposed off according to local regulations.