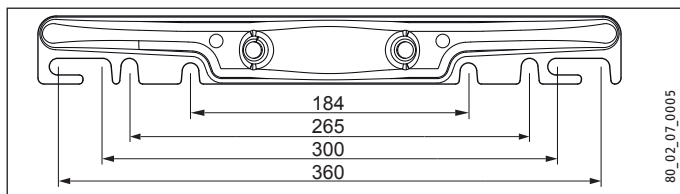


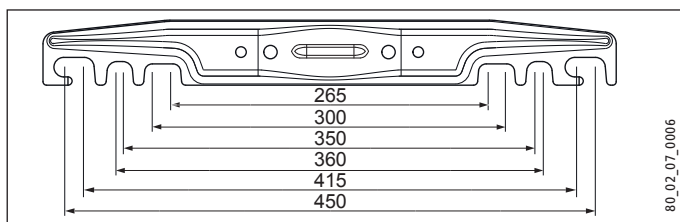
# INSTALLATION Specification

## Wall mounting bracket

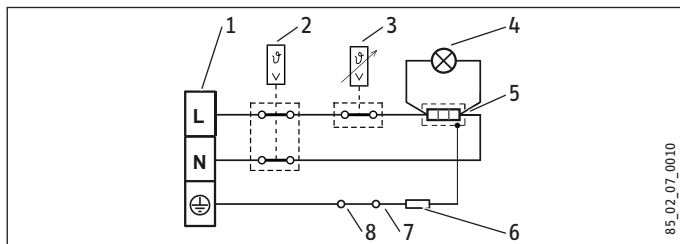
30 - 50 l



80 - 200 l



## 15.2 Wiring diagram



- 1 Terminal
- 2 High limit safety cut-out
- 3 Temperature controller
- 4 ON/OFF indicator
- 5 Heating element
- 6 Electrical resistance 560 ohm
- 7 Anode
- 8 Cylinder

## 15.3 Details on energy consumption

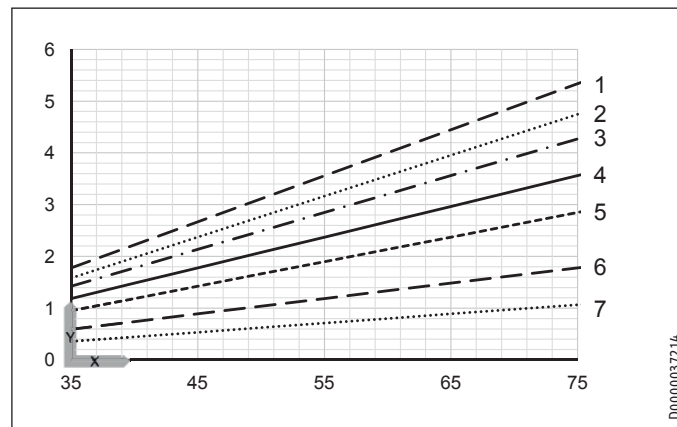
Product data complies with EU regulations relating to the Directive on the ecodesign of energy related products (ErP).

	PSH 30 Trend	PSH 50 Trend	PSH 80 Trend	PSH 100 Trend	PSH 120 Trend	PSH 150 Trend	PSH 200 Trend
	232080	232081	232082	232083	232084	232085	232086
Manufacturer	STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON
Load profile	S	M	L	L	L	XL	XL
Energy efficiency category	C	C	C	C	C	C	C
Energy conversion efficiency	%	34	38	39	39	38	39
Daily power consumption	kWh	2.585	6.226	12.067	12.152	12.344	19.729
Annual power consumption	kWh	543	1348	2629	2643	2676	4299
Default temperature setting	°C	60	60	60	60	60	60
Sound power level	dB(A)	15	15	15	15	15	15
Off-peak periods possible		No	No	No	No	No	No

## 15.4 Heat-up diagrams

The heat-up time depends on the cylinder capacity, cold water inlet temperature and heating output.

Graph assumes 15 °C cold water inlet temperature:



X Temperature setting [°C]

Y Heat-up time [h]

- 1 150 l
- 2 200 l
- 3 120 l
- 4 100 l
- 5 80 l
- 6 50 l
- 7 30 l

## 15.5 Fault conditions

In the event of a fault, temperatures of up to 95 °C at 0.6 MPa can occur.

### 15.6 Data table

		PSH 30 Trend	PSH 50 Trend	PSH 80 Trend	PSH 100 Trend	PSH 120 Trend	PSH 150 Trend	PSH 200 Trend
		232080	232081	232082	232083	232084	232085	232086
<b>Hydraulic data</b>								
Nominal capacity	l	30	50	80	100	120	150	200
Mixed water volume 40 °C (15 °C/65 °C)	l	52	99	142	186	224	288	376
<b>Electrical data</b>								
Connected load ~ 230 V	kW	2	2	2	2	2	2	3
Rated voltage	V	220-240	220-240	220-240	220-240	220-240	220-240	220-240
Phases		1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE
Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Single circuit operating mode		X	X	X	X	X	X	X
Heat-up time 2.0 kW (15°C/60°C)	h	0.80	1.33	2.13	2.66	3.20	4.00	
Heat-up time 3.0 kW (15°C/60°C)	h							3.55
<b>Application limits</b>								
Temperature setting range	°C	7-75	7-75	7-75	7-75	7-75	7-75	7-75
Max. permissible pressure	MPa	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Test pressure	MPa	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Max. permissible temperature	°C	95	95	95	95	95	95	95
Max. flow rate	l/min	23.5	23.5	23.5	23.5	23.5	23.5	23.5
<b>Energy data</b>								
Standby energy consumption/24 h at 65 °C	kWh	0.53	0.72	0.79	0.97	1.14	1.32	1.61
Energy efficiency category		C	C	C	C	C	C	C
<b>Versions</b>								
Sealed unvented type		X	X	X	X	X	X	X
IP rating		IP25	IP25	IP25	IP25	IP25	IP25	IP25
Power cable		X	X	X	X	X	X	X
Power cable length approx.	mm	1000	1000	1000	1000	1000	1000	1000
Colour		white	white	white	white	white	white	white
<b>Dimensions</b>								
Height	mm	642	897	871	1025	1178	1410	1715
Depth	mm	410	410	520	520	520	520	520
Diameter	mm	405	405	510	510	510	510	510
<b>Weights</b>								
Weight, full	kg	46.4	71.4	108.2	133.6	159.1	196.2	256.3
Weight, empty	kg	16.4	21.4	28.2	33.6	39.1	46.2	56.3

## Guarantee

The warranty conditions of our German companies do not apply to appliances acquired outside of Germany. In countries where our subsidiaries sell our products, it is increasingly the case that warranties can only be issued by those subsidiaries. Such warranties are only granted if the subsidiary has issued its own terms of warranty. No other warranty will be granted.

We shall not provide any warranty for appliances acquired in countries where we have no subsidiary to sell our products. This will not affect warranties issued by any importers.

## Environment and recycling

We would ask you to help protect the environment. After use, dispose of the various materials in accordance with national regulations.