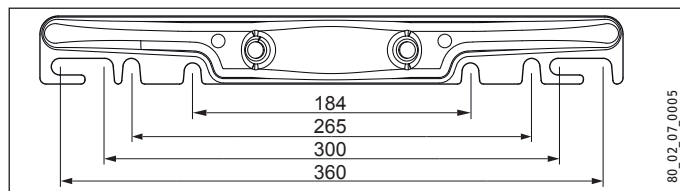


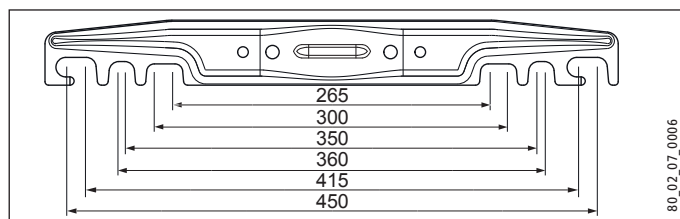
INSTALLATION Specification

Wall mounting bracket

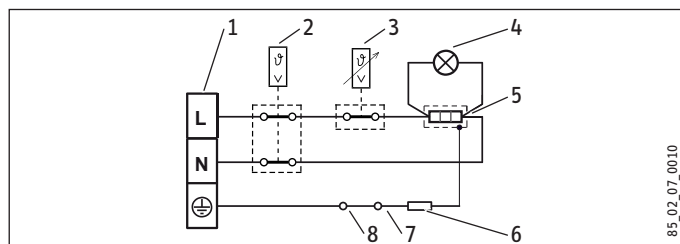
30 - 50 l



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

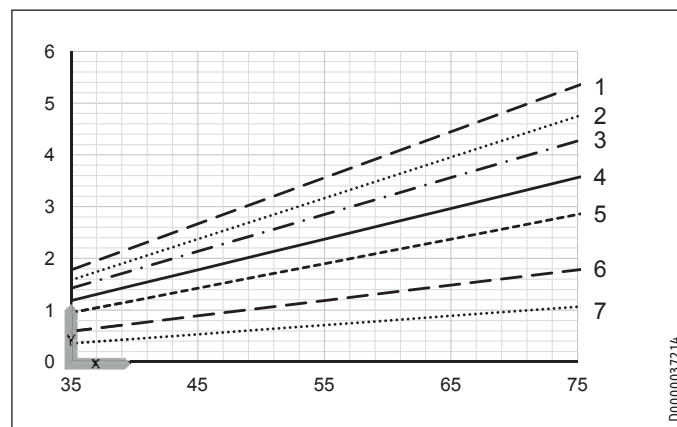
Product data complies with EU regulations relating to the Directive on the ecodesign of energy related products (ErP).

	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	M	L	L	L	XL
Energy efficiency category	C	C	C	C	C	C	D
Energy conversion efficiency %	34	37	36	38	38	37	37
Daily power consumption kWh	2,591	6,451	6,603	12,583	12,622	12,861	20,861
Annual power consumption kWh	544	1386	1412	2716	2723	2763	4491
Default temperature setting °C	60	60	60	60	60	60	60
Sound power level dB(A)	15	15	15	15	15	15	15
Off-peak periods possible	No	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
Hydraulic data								
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
Electrical data								
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
Application limits								
Temperature setting range	°C	30-75	30-75	30-75	30-75	30-75	30-75	30-75
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
Min./max. conductivity, drinking water	µS/cm	100-1500	100-1500	100-1500	100-1500	100-1500	100-1500	100-1500
Energy data								
Standby energy consumption/24 h at 65 °C	kWh	0.53	0.73	0.79	0.98	1.15	1.33	1.61
Energy efficiency category		C	C	C	C	C	C	D
Versions								
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
Frost protection setting	°C	7	7	7	7	7	7	7
Colour		white	white	white	white	white	white	white
Dimensions								
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
Weights								
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 guarantee conditions of our German companies do not apply to appliances acquired outside of Germany. In countries where our subsidiaries sell our products a guarantee can only be issued by those subsidiaries. Such guarantee is only granted if the subsidiary has issued its own terms of guarantee. No other guarantee will be granted.

We shall not provide any guarantee 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.