

# SHS 2400

SHS 1200-4800

PRODUCT-NO.: 200183

**APPLICATION:** Slimline storage heater for wall or floorstanding installation as a standalone heater for apartments and commercial buildings, for utilising off-peak economy tariff models with blocking times.

**EQUIPMENT/CONVENIENCE:** Slimline storage heater with an installed depth of 218 mm incl. 21 mm wall clearance grille. Integral electronic charge controller with C-Plus technology for fully automatic, demand-dependent charging without additional control units. Enable time for charging can be set directly on the appliance. Integral room temperature controller, operated via a display screen and simple programming. Adjustable room temperature from +5 to +30 °C. Room temperature controller with programmable weekly timer with 3 time programs. Adaptive control as a learning function for timer mode. Selectable window open detection function to avoid wasted energy. Programmable comfort and setback temperatures. Connected load can be reduced in four stages (100/91.6/83.3/75 %). Control input for AC signals (230 V alternating voltage). Control input for DC signals (0.91 - 1.43 V direct voltage) available as optional accessory. Optional booster heater can be integrated. High grade thermal insulation technology for high heat retention. With fluff filter in the air intake as standard. Particularly quiet with crossflow fans.



**INSTALLATION/SERVICE:** Installation as a wall mounted appliance with standard wall mounting brackets, as a floorstanding appliance or off-floor with Vario panels. Optional support brackets for non-load bearing walls. Off-floor installation of 4.2 kW and 4.8 kW appliances in combination with floor brackets only. Only one type of core stone (2 stones/pack). Easily accessible electrical connection with fold-out connection panel for recesses. Direct connection with NYM. Permanent control voltage needed.

**SAFETY:** Protection class I, safety temperature limiter.

## The main features

Slimline storage heater for wall mounting or floorstanding installation with a high heating output

Intelligent automatic charging with C-Plus technology for convenient, energy efficient operation

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Enable time for the charge can be set directly on the appliance

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Electronic controller with LCD

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Integral RT controller with 7-day timer and open window detection

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Control unit with self-learning capability: Automatic calculation of the preheat time in timer mode

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Improved safety through manual reset high limit safety cut-out

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Universal electronic AC/DC charge controller

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With three phase connection, it is possible to reduce the connected load

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Quiet crossflow fan

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As standard with fluff filter

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Only one type of bricks (2 bricks/pack)

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230 V AC control signal, adjustable from 30 % to 80 %

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DC control signal 0.91-1.43 V



Type	SHS 1200	SHS 1800	SHS 2400
Part no.	200181	200182	200183

### Electrical details

Connected load	1200 W	1800 W	2400 W
Rated voltage	400 V	400 V	400 V
Phases	3/N/PE	3/N/PE	3/N/PE
Frequency	50/- Hz	50/- Hz	50/- Hz
Rated heat-up	9,6 kWh	14,4 kWh	19,2 kWh
Electric booster heater	0,35 kW	0,5 kW	0,8 kW

### Energy data

Room heating seasonal efficiency $\eta_s$	39,5 %	39,5 %	39,5 %
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### Dimensions

Height	546 mm	546 mm	546 mm
Width	580 mm	741 mm	902 mm
Depth	218 mm	218 mm	218 mm

### Weights

Weight	24 kg	30 kg	37 kg
Weight (incl. blocks)	74 kg	106 kg	138 kg

### Versions

Colour	alpine white	alpine white	alpine white
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### Values

Four-stage charge level reduction	100/90/80/70	100/90/80/70	100/90/80/70
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<b>Heat retention capability</b>	39 %	44 %	46 %
<b>Operating noise</b>	29 dB(A)	28,5 dB(A)	31 dB(A)

**Commercial attributes**

<b>Number of stone packs</b>	6	9	12
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Type	SHS 3000	SHS 3600	SHS 4200
Part no.	200184	200185	200186

### Electrical details

Connected load	3000 W	3600 W	4200 W
Rated voltage	400 V	400 V	400 V
Phases	3/N/PE	3/N/PE	3/N/PE
Frequency	50/- Hz	50/- Hz	50/- Hz
Rated heat-up	24 kWh	28,8 kWh	33,6 kWh
Electric booster heater	1 kW	1,2 kW	1,5 kW

### Energy data

Room heating seasonal efficiency $\eta_s$	39,5 %	39,5 %	39,5 %
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### Dimensions

Height	546 mm	546 mm	546 mm
Width	1063 mm	1224 mm	1385 mm
Depth	218 mm	218 mm	218 mm

### Weights

Weight	43 kg	50 kg	57 kg
Weight (incl. blocks)	169 kg	201 kg	233 kg

### Versions

Colour	alpine white	alpine white	alpine white
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### Values

Four-stage charge level reduction	100/90/80/70	100/90/80/70	100/90/80/70
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<b>Heat retention capability</b>	48 %	49 %	51 %
<b>Operating noise</b>	32 dB(A)	32 dB(A)	32 dB(A)
<b>Commercial attributes</b>			
<b>Number of stone packs</b>	15	18	21



Type	SHS 4800
Part no.	200187

#### Electrical details

Connected load	4800 W
Rated voltage	400 V
Phases	3/N/PE
Frequency	50/- Hz
Rated heat-up	38,4 kWh
Electric booster heater	1,7 kW

#### Energy data

Room heating seasonal efficiency $\eta_s$	39,5 %
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#### Dimensions

Height	546 mm
Width	1546 mm
Depth	218 mm

#### Weights

Weight	63 kg
Weight (incl. blocks)	265 kg

#### Versions

Colour	alpine white
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#### Values

Four-stage charge level reduction	100/90/80/70
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**Heat retention capability** 51 %

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**Operating noise** 32 dB(A)

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#### Commercial attributes

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**Number of stone packs** 24

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Depth excluding 21 mm wall clearance mesh

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Weight including storage blocks

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**Contact information**

Do you have additional questions? Then please do not hesitate to contact us, we would be only too happy to help:

Call 0151 346 2300

Or send an e-mail to

[sales@stiebel-eltron.co.uk](mailto:sales@stiebel-eltron.co.uk)

Only a qualified contractor should carry out the installation, commissioning, maintenance and repair of this appliance. Where applicable and prior to installation the electricity and/or water utility companies should be notified of your intention to install the product.