

# Space Heating



**Storage / Panel Heating 188**

**Selection Guide 189**



**Convectors / Fans / Patio 190**



STHS170A/09



SPH2000



### Storage Heaters

BEAB approved willow white range of storage heaters suitable for domestic or commercial utilising industry standard bricks.

Automatic Storage Heaters with Automatic input Charge Control and an adjustable boost control damper.

The small heater is a manual version as it is designed for use in small areas with a preset input and no user controls.

Supplied with Heat retention bricks.

Description	Dimensions (mm) H x W x D	Part No.
1.7KW Storage Heater Auto	700 x 560 x 170	<b>STHS170A/09</b>
2.55KW Storage Heater Auto	700 x 788 x 170	<b>STHS255A/09</b>
3.4KW Storage Heater Auto	700 x 1016 x 170	<b>STHS330A/09</b>
0.85KW Storage Heater Man	700 x 332 x 170	<b>STHS085/09</b>

### Complementary Auto Combi Storage Heaters

This range provides the benefit and convenience of economy storage heating with the flexibility of "direct-acting" top up heat.

Increased controllability allows the user to turn on the convector and enjoy heat on demand.

Comfort conditions are automatically maintained with the convector element controlled by a thermostat.

The convector element can be used even when the storage heater is charging.

The convector switch incorporates a neon indicator to reduce inadvertent use.

Dimensions Height = 700mm, Depth = 204mm

Description	Width (mm)	Part No.
1.7KW 1.0KW	560	<b>STHC170A/09</b>
2.55KW 1.5KW	788	<b>STHC255A/09</b>
3.4KW 2.0KW	1016	<b>STHC330A/09</b>

### Panel Convectors

BEAB approved Wall mounted Convected heat for rapid warm up.

Willow white colour to match the Sector storage heater range.

IPx4 rated for domestic or commercial use and with frost protection.

Single pole on off switch with half heat setting and the option of 24 hour timer models with 30 minute increments.

Description	Dimensions (mm) H x W x D	Part No.
-------------	------------------------------	----------

#### Panel Convector with Thermostat

0.75KW	430 x 620 x 108	<b>SPH750</b>
1.25KW	430 x 688 x 108	<b>SPH1250</b>
1.50KW	430 x 688 x 108	<b>SPH1500</b>
2.00KW	430 x 860 x 108	<b>SPH2000</b>
3.00KW	430 x 860 x 143	<b>SPH3000</b>

#### Panel Convector with 24 Hour Timer

0.75KW	430 x 620 x 108	<b>SPH750T</b>
1.25KW	430 x 688 x 108	<b>SPH1250T</b>
1.50KW	430 x 688 x 108	<b>SPH1500T</b>
2.00KW	430 x 860 x 108	<b>SPH2000T</b>
3.00KW	430 x 860 x 143	<b>SPH3000T</b>

*Not sure what size heater to use?*

*We can provide advice and design assistance in helping you to achieve maximum performance.*

*Ask at your local branch for details*

*See guide opposite*

## SELECTION GUIDE

### How to use this selection guide.

The tables below provide heater sizing guidance for traditional electric heating systems.

For traditional electric heating the preferred options for living and dining rooms are combination storage heaters. Heater sizing for standard autoheaters can be easily calculated.

Knowing the floor area, the wall construction and the number of outside walls, the heater loading in kilowatts is indicated in the appropriate table.

These tables are for guidance purposes only and Senate Electrical accepts no responsibility for the accuracy of data shown.

Note a ceiling height of 2.4m is assumed and a minimum of 75mm of roof insulation.

Living Room: Combination storage heaters. Heater loading in kW.							Temperature 21°C		
Floor area	Solid walls			Cavity walls			Insulated cavity walls		
	No. of outside walls			No. of outside walls			No. of outside walls		
Msq.	1	2	3	1	2	3	1	2	3
12	2.3	2.7	3.6	2.0	2.4	3.1	1.4	1.6	2.1
16	2.6	3.1	4.0	2.3	2.9	3.6	1.7	2.0	2.4
20	3.3	3.9	4.9	2.9	3.4	4.3	2.1	2.4	2.9
24	3.7	4.3	5.4	3.3	3.9	4.7	2.6	2.9	3.3
28	4.1	4.9	6.0	3.7	4.3	5.3	2.7	3.1	3.7
32	4.4	5.4	6.6	4.1	4.7	5.9	3.0	3.4	4.0

For standard auto storage heaters multiply loading by 1.5.

Bedrooms: For bedrooms, panel heaters are recommended. Heater loading in kW.							Temperature 18°C		
Floor area	Solid walls			Cavity walls			Insulated cavity walls		
	No. of outside walls			No. of outside walls			No. of outside walls		
Msq.	1	2	3	1	2	3	1	2	3
8	0.8	1.3	1.7	0.8	1.0	1.4	0.8	0.9	1.4
12	0.9	1.8	2.3	0.9	1.4	2.1	0.8	1.4	1.8
16	1.2	2.1	2.7	1.0	1.7	2.2	0.9	1.6	2.1
20	1.4	2.2	3.1	1.2	2.0	2.6	1.0	1.8	2.4
24	1.5	2.3	3.4	1.2	2.1	2.9	1.0	1.9	2.5

For standard auto storage heaters multiply loading by 1.5.

Kitchen: Auto storage heating. Heater loading in kW.							Temperature 18°C		
Floor area	Solid walls			Cavity walls					
	No. of outside walls			No. of outside walls					
Msq.	1	2	3	1	2	3			
10	1.6	2.1	2.9	1.4	2.0	2.4			
12	1.9	2.7	3.3	1.7	2.3	2.9			
14	2.1	3.0	3.6	2.0	2.6	3.1			
16	2.4	3.3	3.9	2.1	2.9	3.4			



SHEAT2/CON



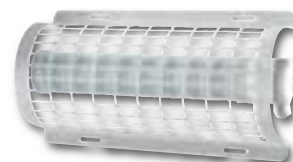
SSTOWEL40WWH



SHEAT2/PAT



SSTH1



SSTHWG1



SHEAT2/FAN

### Convector Heater

Robust & stylish convector with wall brackets and free standing feet included.

3 heat settings and adjustable thermostat.

White enamel finish with tough black plastic features, cable and plug.

Description	Dimensions (mm) H x W x D	Part No.
2KW Wall / Floor Convector	425 x 600 x 100	<b>SHEAT2/CON</b>

### Portable Fan Heater

Compact fan heater with choice of heat settings and cool blow function.

Supplied with cable and fitted plug.

Description	Part No.
2KW Flat Fan Heater	<b>SHEAT2/FAN</b>

### Towel Rails

Low power consumption.

BEAB approved.

Dry element.

c/w fixing kit.

Description	Dimensions (mm) H x W x D	Part No.
40W Wall Mounted White	546 x 540 x 90	<b>SSTOWEL40WWH</b>
40W Wall Mounted Chrome	546 x 540 x 90	<b>SSTOWEL40WCH</b>

For Baseline heating products see page 229

### Tubular Heater

Tubular heaters provide a simple and low cost source of heat ideal for keeping condensation at bay in a number of locations such as: Portable buildings, garages, conservatories, shop windows, kennels & catteries, reptile houses, aviaries closets airing cupboards etc.

All models feature a safety cut out.

Due to the temperatures reached it is highly recommended when installing tubular heaters that safety guards are fitted.

IP55 rated.

Description	Part No.
<b>Tubular Heaters</b>	
1FT 45W/60W Heater	<b>SSTH1</b>
2FT 80W/120W Heater	<b>SSTH2</b>
3FT 135W/180W Heater	<b>SSTH3</b>
4FT 180W/240W Heater	<b>SSTH4</b>
5FT 225W/300W Heater	<b>SSTH5</b>
6FT 270W/360W Heater	<b>SSTH6</b>

#### Heater Guards

1FT Single Guard	<b>SSTHWG1</b>
2FT Single Guard	<b>SSTHWG2</b>
3FT Single Guard	<b>SSTHWG3</b>
4FT Single Guard	<b>SSTHWG4</b>
5FT Single Guard	<b>SSTHWG5</b>
6FT Single Guard	<b>SSTHWG6</b>
Inter Connector	<b>SSTHIC</b>

### Floor Standing Quartz Patio Heater

IP44 rated splashproof suitable for exterior use.

Supplied with cable and fitted plug.

Weighted base with 2M telescopic pole.

Adjustable Head and Heat settings.

Description	Part No.
2KW IP44 Quartz Patio Heater	<b>SHEAT2/PAT</b>