



PREMIER HE



SELECT Compact

PREMIER & SELECT

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## Standard, Compact & Metric.

- 2 and 4 tap connections
- Stylish and safety conscious round top designs
- Huge choice of styles and sizes
- Single, double and triple convectors available
- High quality white gloss paint finish

General Specifications

Approval and Certification



BS EN 442

All MYSON Panel radiators are manufactured and tested to BS EN 442. Every radiator carries the BS Kitemark which certifies independent approval of heat output and verifies production under a quality system to BS EN ISO 9001.



All MYSON Panel radiators carry a ten year guarantee from date of manufacture against defects caused by faulty materials or manufacture.

Paint Finish

Every MYSON Panel radiator is de-greased, phosphated and primer coated.

An epoxy polyester finishing coat in white (RAL 9016) is applied to all front and rear surfaces allowing the radiator to be fitted without further painting.

Packaging

Every MYSON Panel radiator has plastic corner protection with durable cardboard edge packaging as well as being fully wrapped in strong polythene. Each radiator is clearly labelled with size and type, and packed with the appropriate number of brackets.

Fixings

All MYSON Panel radiators are supplied with concealed wall mounting brackets. The table of dimensions gives further details.

For the correct installation of radiators it is essential that the fixing of the radiator is carried out in such a way that it is suitable for intended use AND predictable misuse. A number of elements need to be taken into consideration including the fixing method used to secure the radiator to the wall, the type and condition of the wall itself, and any additional potential forces or weights that may happen to be applied to the radiator, prior to finalising installation. **IN ALL CASES IT IS STRONGLY RECOMMENDED THAT A SUITABLY QUALIFIED PROFESSIONAL INSTALLER OR SIMILAR TRADESPERSON CARRIES OUT THE INSTALLATION.**

PLEASE NOTE: The fixing materials provided are only intended for installation on walls made of solid wood, bricks, concrete or on timber-frame stud walls where the fixing is into the timber. All walls being considered should have no more than a maximum of 3mm wall finishing. For walls made of other materials, for example hollow bricks, please consult your installer and/or specialist supplier. **ONCE AGAIN, IF YOU ARE UNSURE, IT IS STRONGLY RECOMMENDED THAT A SUITABLY QUALIFIED PROFESSIONAL INSTALLER OR SIMILAR TRADESPERSON CARRIES OUT THE INSTALLATION.**

Accessories

Touch up Paint

A handy 12ml container of touch up paint with integral brush applicator in RAL 9016 is available on request.

Air Vent Key

An alloy key for bleeding and venting is available on request. Order Code: PREM RADKEY

Application

MYSON Panel radiators are for use on two pipe pumped indirect domestic and commercial central heating installations, with a maximum working temperature of 100°C. The system should be designed in accordance with BS EN 12828:2003 or BS EN 12831:2003 as appropriate, with particular care taken to avoid air entry or water discharge.

We do not recommend the use of single feed indirect cylinders, as the possibility of aeration due to water interchange may lead to corrosion.

The installation work must be carried out in accordance with recognised good practice, and precautions taken to avoid contamination which could lead to corrosion. If a corrosion inhibitor or other water treatment is to be used, the Manufacturer's Instructions must be strictly followed.

The recommendations of BS 7593, Code of Practice for treatment of water in domestic hot water central heating systems, should be followed where appropriate.

Safety Precautions

Radiators are hot when in use, and as such, present a risk of burns to users on prolonged contact. The temperature of a radiator is dependent on the temperature of the system water, as set by the system installer or user. Installers and users should ensure that those who may come into close proximity to hot radiators are aware of the risk of burns. Installers and users should take all necessary steps to minimise the risks of burns. If the risk is significant, consideration should be given to installing low surface temperature radiators, or to placing guards in front of the radiators.

Heat Output

Careful design of an optimum profile for the convector plate, and welding directly onto the wet and dry sections of the radiator, have combined to give high heat output per surface area of radiator.

The heat outputs shown in the table below are based on a mean water to air temperature difference of 50°C. When the difference is not 50°C, the output should be multiplied by the appropriate factor from within the table:

Centigrade	Factor	Fahrenheit
20°C	0.30	36°F
25°C	0.41	45°F
30°C	0.51	54°F
35°C	0.63	63°F
40°C	0.75	72°F
45°C	0.87	81°F
50°C	1.00	90°F
55°C	1.13	99°F
60°C	1.27	108°F
65°C	1.41	117°F
70°C	1.55	126°F

Example:

Heat emission required: 2000 Watts  
 Room air temperature required: 20°C  
 Mean water temperature in radiator: 65°C

1. Temperature difference = 65-20 = 45°C
2. From Factor Table 45°C gives a factor of: 0.87
3. Divide required heat emission by factor =  $\frac{2000}{0.87}$  = 2298 Watts
4. From selection tables choose any radiator rated at 2298 Watts or more.

**Weight and Water Contents per Metre Length**

		Height (mm)											
		300		400		450		500		600		700	
Type		Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
11G	SSG	8.4	1.7	11.2	2.1	N/A	N/A	13.8	2.6	16.7	3.0	19.3	3.5
21G	SXG	14.1	3.4	18.7	4.3	N/A	N/A	23.2	5.2	27.9	6.2	32.3	7.0
22G	SDG	15.8	3.4	21.2	4.3	N/A	N/A	26.6	5.2	32.0	6.2	37.3	7.0
33G	STG	24.5	5.1	N/A	N/A	37.4	7.5	N/A	N/A	50.2	9.8	N/A	N/A

**Mounting Positions, Dimensions and Wall Brackets**

**Wall Brackets**

Supplied with Type 11, 21, 22: Type 11 only (5.6, 9.6, 23), Type 21 & 22 (24, 39, 22, 14.6, 32, 17, 69).

Supplied with Type 33 only: Fixing Hole Dimensions (32, 14, 22.5, B+11, 79, 10, 15, 32.5, 12, 23), Type 33 only (12, 23).

Nominal Height (mm)	A (mm)	B (mm)
300	250	142
400	350	242
450	400	292
500	450	342
600	550	442
700	650	542

**Bracket Positions and Dimensions**

Nominal Height (mm)	C (mm)
300	120
400	220
450	270
500	320
600	420
700	520

**Connections**

All MYSON SELECT Compact radiators are fitted with 4 - 1/2 inch BSP connections.

**Air Vents**

An air vent and plug are packed with every radiator.

**Operating Pressures**

Every MYSON SELECT Compact radiator is tested to a pressure of 10.5 bar (152.5 psi) and is suitable for a working pressure of up to 8.0 bar (117.1 psi).

