



Test pressure: **13 BAR**
 Max working pressure: **10 BAR**
 Max working temperature: **120° C**
 All aluminium construction: **extruded aluminium sections**
 Connections: **½ inch BSP opposite end tappings**

Heat output determined in accordance with EN 442
 Test Laboratory: M.R.T, Test Lab Registration No: 1695

Model	Height ± 2mm	Width ± 2mm	Finish	Output $\Delta T=50K$		Output $\Delta T=30K$		n	Weight kg	Water Content litres
				Watts	Btu	Watts	Btu			
SYMAS050063WZZZ	500	632	painted	576	1965	288	983	1.34	6.1	1.0
SYMAS050079WZZZ	500	792	painted	720	2457	360	1228	1.32	7.3	1.3
SYMAS050095WZZZ	500	952	painted	864	2948	432	1474	1.32	9.5	1.6
SYMAS050111WZZZ	500	1112	painted	1008	3439	504	1720	1.32	10.0	1.8
SYMAS060063WZZZ	600	632	painted	680	2320	344	1174	1.33	6.9	1.2
SYMAS060079WZZZ	600	792	painted	850	2900	430	1467	1.33	8.9	1.5
SYMAS060095WZZZ	600	952	painted	1020	3480	516	1761	1.33	10.0	1.8
SYMAS050111WZZZ	600	1112	painted	1190	4060	602	2054	1.32	11.4	2.1
SYMAS180031WZZZ	1800	312	painted	868	2962	432	1474	1.33	8.7	1.5
SYMAS180039WZZZ	1800	392	painted	1085	3702	540	1842	1.33	10.6	1.9
SYMAS180047WZZZ	1800	472	painted	1302	4442	648	2211	1.33	12.6	2.3
SYMAS180055WZZZ	1800	552	painted	1519	5183	756	2579	1.33	14.5	2.7

Issue 1.0

Tools & Material Required

Suitable valves
Silicone thread sealant
Set of Allen keys
Tape measure
Spirit level
Electric drill
Masonry drill bit Ø10mm
Hammer
Screwdriver - crosshead
Spanner (8mm)
Stepladder (for taller radiators)

Key	Component	Qty
A	Air Vent - 1/2"	2
B	Top Bracket	2
C	Bottom Bracket	2
D	Screw - Hex Head 6.3mm dia x 60mm	4
E	Wall Plug	4
F	Diverter	1
G	Diverter Installation Tool	1

Assembly Instructions

Sufficient thread sealant must be applied to valve-tail threads prior to their installation.

*Silicone thread sealant should be applied to all threaded components manufactured with 'O' rings.
Silicone thread sealant should be used instead of Hemp or Teflon.*

Fit valve tails, using correct size Allen key.

Fit air vents (A), using correct size Allen keys.

Accurately mark the position of all brackets using a tape measure, in reference to the dimensions given in the technical drawings. Align with the ground using a spirit level.

Drill holes (Ø10 mm) into the spots you have marked & insert the wall plugs (E) using a hammer.

Fix the bottom brackets (C) to the wall by using screws (D).
Use the spirit level to align the brackets.

Fix the top brackets (B) to the wall by using screws (D).
Leave the screws loose so that they can slide.

Place the radiator on the bottom brackets at an angle of 30° with the wall (F-1)
Be sure that the top bracket is in position A as shown (F-2)
Place the radiator into the top brackets in the vertical position (F-3)

Slide the top bracket up from position A to position B (F-4)
Tighten the screw using a spanner while the bracket is in position B (F-5)

*If required, instructions on how to fit the Diverter (F) using the Diverter Installation tool (G) can be found on the Diverter Fitting Instructions.
This radiator should be installed onto a central heating system that has been cleaned/flushed and contains water treatment and inhibitors in accordance with BS7593.*

*Artificially softened water should not be used with aluminium radiators.
Ph value of the water used in the system should be between 7.8 and 8.5.
The hardness of water in the system should not exceed 25°f.
When connecting pipes of various materials, their difference in electrode potentials may cause galvanic corrosion and serious damage of pipes, valves and other equipment in the systems.*

To avoid this, it is highly recommended to use the same materials or materials with similar electric potentials throughout the loop.

