







Glossary

Btu/hr	British Thermal Unit per hour is the standard measurement used to state the amount of output of any heat generating device.
Watts	Is another measurement for heat output, 1 watt is equivalent to 3.412 Btu/hr.
P1	Also known as Type 10, is a type of radiator with 1 radiator panel and no convection fins.
K1	Also known as Type 11, is a type of radiator with 1 radiator panel and 1 set of convection fins.
P+	Also known as Type 21, is a type of radiator with 2 radiator panels and 1 set of convection fins.
K2	Also known as Type 22, is a type of radiator with 2 radiator panels and 2 sets of convection fins.
K3	Also known as Type 33, is a type of radiator with 3 radiator panels and 3 sets of convection fins.
Δt	Refers to the difference in temperature between the water circulating in the central heating system and that of the ambient temperature. It is important to use the correct Δt when selecting your radiators, as the same radiator will have different outputs at different water temperatures.
$\Delta t50$	$\Delta t50$ is the UK standard, however Stelrad also quote at lower levels for lower water temperature systems.
Heat loss	Is the amount of heat a room loses, it is therefore an important calculation when determining what size radiator is required to heat a room to the correct level.
UIN	Is the Stelrad product identification code.
Warranty	The warranty covers any defect that is attributable to a manufacturing, assembly or material fault, further details available on request.
ISO14001	Is a set of International regulations related to the environment.
ISO9001	Is a set of International regulations related to quality management systems.
OHSAS18001	Is a set of International regulations related to health and safety.
TBOE / BOE	Refers to which position the pipes are connected to the radiator, OE means opposite end i.e. 1 pipe on each side, TB is top bottom i.e. 1 pipe is connected to the top and 1 to the bottom, B is both pipes connected to the bottom.

CETIAT tested	A leading independent French laboratory which conducts testing and assessments.
	EN 442 is the European standard which defines the manufacturing standards for radiators and convectors which operate at temperatures of less than 120°C. The standard defines the type of steel which must be used, the type of pressure testing which must be carried out and the accuracy of the heat outputs quoted in the literature.
	The Stelrad Technically Advanced Radiator System heatloss calculator, offers an even simpler way to get sizing of radiators right, first time. Visit www.starsapp.co.uk
KIWA	KIWA Ltd is an energy consultancy, Notified Body, UKAS-accredited testing lab and training centre with expertise in gas, oil, solid fuel, biomass and other renewables, construction materials, water and electricity.
	Continuing Professional Development. CIBSE (Chartered Institute of British Service Engineers) and RIBA (Royal Institute of British Architects) CPD approved courses available.  
	Business Information Modelling (components). Visit www.stelrad.com to download BIM components.
RAL	A European wide colour matching system.
BSP	British Standard Piping.