

SOLO RADIATOR

INNOVATIVE HEATING SOLUTION.



SAFE HEATING FOR VULNERABLE USERS

FAN ASSISTED (LST) LOW SURFACE TEMPERATURE RADIATOR



Solo Radiator's range of fan assisted (LST) low surface temperature radiators combines innovation and engineering excellence to deliver a safe, energy efficient, stylish, space saving and responsive heating solution for vulnerable users. Our LST radiators surpasses NHS and HSE surface heating safety guidelines and are independently certified to BS EN 16430, making Solo Radiator ideally suited for hospitals, nursing homes (aged care homes) and any other environment where safety is integral.

Safe Design

Surface temperatures never reaches above room temperature reducing the risk of burns or scalds. Smooth and rounded design minimises risk of injury in the event of a fall.

NHS & HSE Compliant

Conforms with NHS Estates Health Guidance Note for 'Safe hot water & surface temperatures' and HSE Information Sheet 'Managing the risks from hot water and surfaces in health and social care'.

Flexible Heating Solution

Designed to integrate effectively with low temperature systems such as geothermal, heat pumps, solar, condensing gas and oil boilers. Solo Radiator also operates efficiently with other heat emitters.

Energy Efficient

Consumes up to 40% less energy than conventional radiators making it a more cost-effective heating option.

Instant Heat

Solo Radiator contains 5% of the water volume of a conventional radiator resulting in much more rapid rate of convection.

Temperature Control

Adjustable heating levels to maintain comfort in step with fluctuating weather conditions.

Compact & Stylish

Significantly smaller than conventional radiators, Solo Radiator's slim and stylish design compliments all décor where space is at a premium.

TECHNICAL SPECIFICATIONS

Five years warranty on all units.

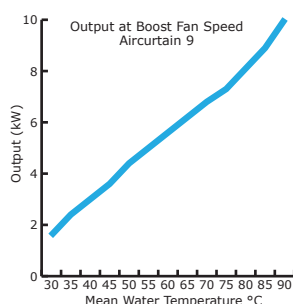
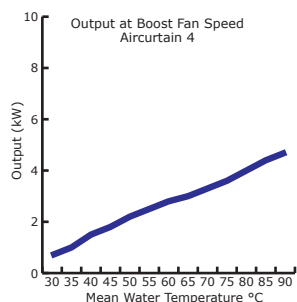
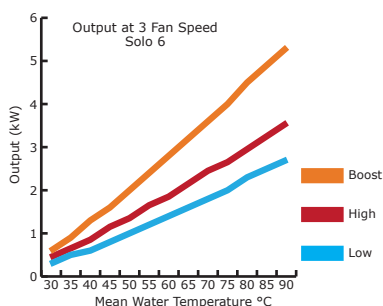
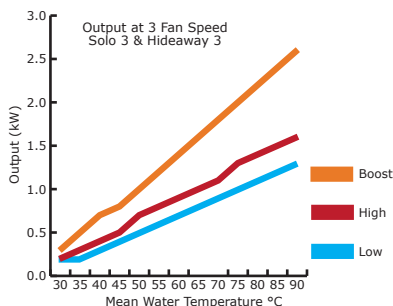
CE Certified and conforms to Low Voltage Directive 2014/35/EU and the EMC Directive 2014/30/EU.

Efficiency tested to BS EN 16430 Fan Assisted Radiators, Convectors and Trench Convectors.

All models are available in standard white or architect specified colours.

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	Solo 3	Hide Away 3	Solo 6	Air Curtain 4	Air Curtain 9
PERFORMANCE (BS EN ISO 16430)					
Heating Capacity at Mean Water Flow Temperature					
Temperature 30°C (kW)(BTU)	(0.3)(1023.6)	(0.3)(1023.6)	(0.6)(2047.2)	(1.2)(4094.6)	(2.4)(8189.1)
Temperature 40°C (kW)(BTU)	(0.7)(2388.4)	(0.7)(2388.4)	(1.3)(4435.8)	(1.5)(5118.2)	(3.0)(10236.4)
Temperature 50°C (kW)(BTU)	(1.0)(3412.1)	(1.0)(3412.1)	(2.0)(6824.3)	(2.2)(7506.7)	(4.4)(15013.4)
Temperature 60°C (kW)(BTU)	(1.4)(4777.0)	(1.4)(4777.0)	(2.8)(9554.0)	(2.8)(9554.0)	(5.6)(19107.9)
Temperature 70°C (kW)(BTU)	(1.8)(6141.9)	(1.8)(6141.9)	(3.6)(12283.7)	(3.4)(11601.3)	(6.8)(23202.7)
Temperature 80°C (kW)(BTU)	(2.2)(7506.7)	(2.2)(7506.7)	(4.5)(15354.6)	(4.0)(13648.6)	(8.1)(27638.4)
Temperature 90°C (kW)(BTU)	(2.6)(8871.6)	(2.6)(8871.6)	(5.3)(18084.4)	(4.7)(16037.1)	(10.0)(34121.4)
SOUND PRESSURE LEVEL (ISO 3744)					
Low dB(A) at 1m	11	11	10	-	-
High dB(A) at 1m	22	22	23	-	-
Boost dB(A) at 1m	38	38	39	44	45
AIR FLOW RATE (ISO 5801)					
Low (m3/hr)	35	35	70	-	-
Medium (m3/hr)	60	60	120	-	-
Boost (m3/hr)	115	115	230	250	540
MECHANICAL/ELECTRICAL					
Height x Width x Depth (mm)	410x610x110	418x700x120	410x985x110	410x610x110	410x985x110
Weight (kg)	8.2	6.6	13.8	8.2	13.8
Hydraulic Connections (mm)	15	15	15	15	15
Water Content (L)	0.15	0.15	0.3	0.15	0.3
Normal Voltage / Fuse Rating (V/A)	230/3	230/3	230/3	230/3	230/3
POWER INPUT					
Low (W)	8	8	13	-	-
High (W)	10	10	19	-	-
Boost (W)	20	20	36	85	170
Standby Power (W)	4	4	4	4	4
Cable Supplied (m)	1	1	1	1	1



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EFFICIENT HEATING
SOLUTION FOR
VULNERABLE USERS**



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