

# SOLO

## RADIATOR

INNOVATIVE HEATING SOLUTION.



## FAN ASSISTED LOW TEMPERATURE RADIATOR

Solo Radiator's intelligent fan convector radiators delivers a truly innovative heating solution. Our low temperature radiators promises to deliver a more stylish, flexible, responsive and energy efficient heating option. We understand the users need to have control of their environment. Solo Radiator is designed to provide precise control of conditions, resulting in optimal comfort whilst minimising energy consumption.



### 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 alongside other heat emitters.



### Instant Heat

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



### Capacity Control

Each space can be individually zoned allowing precise control while enabling comfort and energy savings.



### No Thermostatic Radiator Valves

Solo Radiator requires no thermostatic radiator valves to prevent heat emission when not required.



### Compact & Stylish

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



### Energy Efficient

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



### Low Surface Temperature

Maintains low surface temperature regardless of water temperature.



### Temperature Control

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



Independently Tested by BSRIA



Independently Tested by  
the Heat Transfer and  
Fluid Flow Laboratory



Manufactured by  
Aubren Ltd.



As Featured on Grand Designs



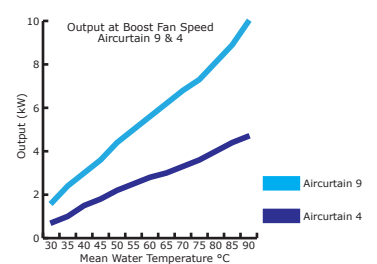
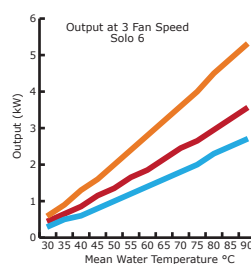
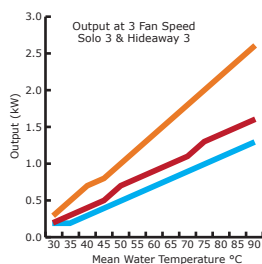
CE Certified

## TECHNICAL SPECIFICATIONS

- 5** 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.

	Solo 3	Hide Away 3	Solo 6	Air Curtain 4	Air Curtain 9
<b>PERFORMANCE (BS EN ISO 16430)</b>					
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)
<b>SOUND PRESSURE LEVEL (ISO 3744)</b>					
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
<b>AIR FLOW RATE (ISO 5801)</b>					
Low (m3/hr)	35	35	70	-	-
Medium (m3/hr)	60	60	120	-	-
Boost (m3/hr)	115	115	230	250	540
<b>MECHANICAL/ELECTRICAL</b>					
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
<b>POWER INPUT</b>					
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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