



Aluminium Radiator Installation Instructions

Ancillary Components	
4	Blank Plug (Fixed on Radiator)
2	Air Vent Plug (Fixed on Radiator)
4	Bracket (a)
8	Wall Plug (b)
8	Coach Screw (c)
4	Bracket Buffer (d)
4	Decorative Chrome Cap

PLEASE READ THESE INSTRUCTIONS THOROUGHLY BEFORE COMMENCING INSTALLATION.

PLEASE CHECK THAT ALL ANCILLARY COMPONENTS ARE PRESENT AND THAT THE PRODUCT HAS NOT SUFFERED ANY DAMAGE DURING TRANSIT.

THIS PRODUCT IS MANUFACTURED FROM ALUMINIUM & IS ONLY SUITABLE FOR INSTALLATION WITHIN A CENTRAL HEATING SYSTEM WITH A CORROSION INHIBITOR ADDED TO THE WATER.

Installation should be carried out by a suitably qualified professional or other fully competent person & in accordance with the relevant British and European standards (BS7593:2006, EN12828:2003, EN12831:2003 & EN14336:2004) & all applicable Building Regulations.

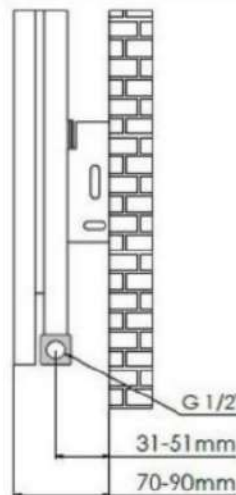
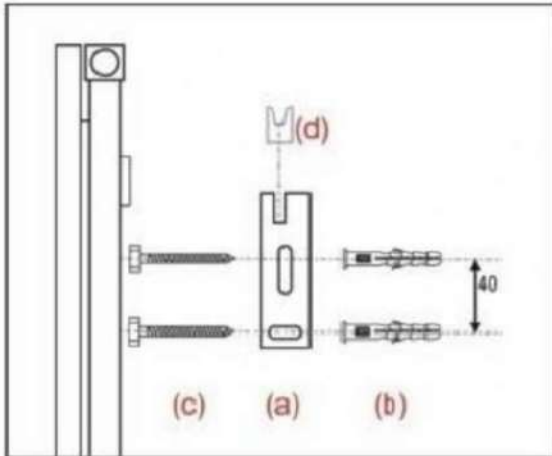
When drilling or fixing into walls, floors or ceilings it is essential that you check for pipes & wires before commencing. Please ensure that you wear all necessary personal protective equipment. Due to our commitment to continuous product development we reserve the right to alter specifications without prior notice.

This product carries a 5 year warranty against faulty materials & manufacturing defects. The warranty does not cover any defect arising from damage, negligence, usage outside the products intended purpose or fair wear & tear. The warranty does not cover pinholes or other issues caused by insufficient cleansing or protection of the central heating system.

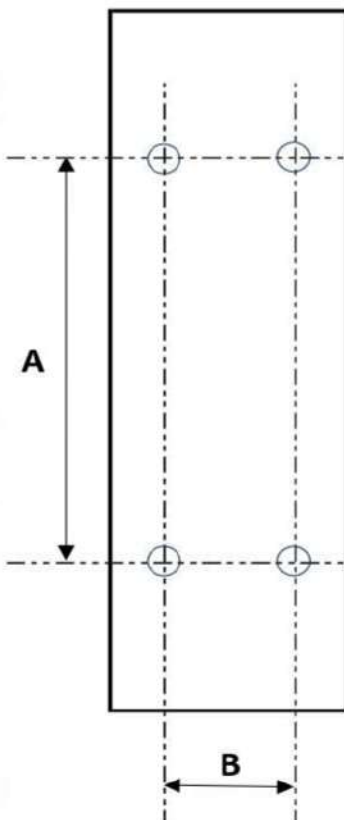
Regular cleaning with a soft cloth will keep the surface of your product looking new. Soapy water can be used to remove stubborn marks. Do not use abrasive or chemical cleaners as these will damage the surface finish over time..

1. Wind a thick layer (at least 6 turns) of PTFE tape, clockwise around the radiator valve tails (not supplied) and screw the radiator valve tails into the bottom two threads and tighten firmly.
2. Check that the wall is strong enough to hold the weight of the radiator filled with water. On plasterboard walls we strongly recommend fixing to the timbers.
3. The wide side of the Brackets should be against the wall. Mark the Bracket positions on the wall and then use one of the Brackets to mark the top slot positions. The bottom hole of the lower brackets should be at least 290mm above the finished floor level so that the bottom of the radiator is at least 150mm above the finished floor level.
4. Drill the top holes in the middle of the slot markings, for the fixings you intend to use. The Wall Plugs supplied are only suitable for solid walls and you will need alternative fixings for other wall types. Screw the Brackets to the wall through the top slot and level the Brackets horizontally and vertically. Mark the bottom hole position through the Bracket and then swivel the Bracket out of the way to drill the bottom holes. Using the slot at the top allows for initial adjustment and using the hole at the bottom prevents vertical movement. Screw the bottom fixings through the bottom hole in the Bracket and tighten all 4 fixings.
5. Place the plastic Bracket Buffers into the slots on the Brackets.

6. Lift the radiator into position on the Brackets.
7. Flush the entire central heating system with a DWTA approved central heating cleanser, carefully following the manufacturer's instructions.
8. After thoroughly flushing the entire central heating system, refill adding a DWTA approved central heating protector, carefully following the manufacturer's instructions.
9. Run the central heating system up to full temperature and release any trapped air using the Air Vent Plug.



Casina Single Aluminium Radiator (HxW)	Mid. Connection Option (50 mm)	Resistance holes on the bottom collector
1800 x 185	✓	✓
1800 x 280	✓	✓
1800 x 375	✓	✓
1800 x 470	✓	✓
1800 x 565	✓	✓
1800 x 660	✓	✓
600 x 470	✗	✓
600 x 565	✗	✓
600 x 660	✗	✓
600 x 850	✗	✗
600 x 1040	✗	✗
600 x 1230	✗	✗
600 x 1420	✗	✗



		Drill Positions													
Width of Radiator		185	275	280	345	375	415	470	485	565	660	850	1040	1230	1420
A	H 1800 Rads	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379
A	H 600 Rads	279	279	279	279	279	279	279	279	279	279	279	279	279	279
B		60	105	60	175	155	245	250	315	345	440	630	820	1010	1200

Reaction to fire: **A1**
 Release of dangerous substances: **None**
 Maximum operating pressure: **1000 kPa**
 Surface temperature: **Maximum 110°C**
 Resistance against corrosion: **No corrosion after 100 h humidity**
 Resistance against minor impact: **Class 0**





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2	Air Vent Plug (Fixed on Radiator)
2	Bracket
6	Wall Plug
6	Coach Screw
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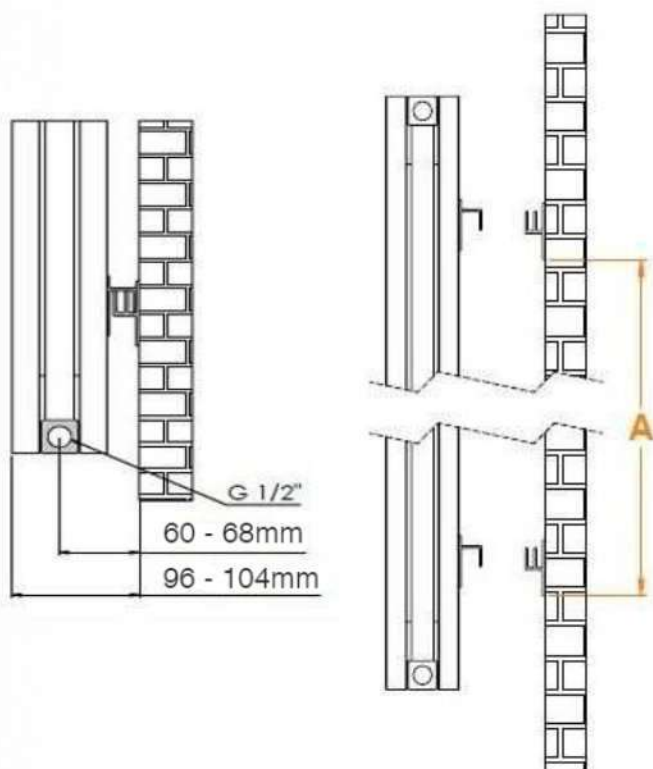
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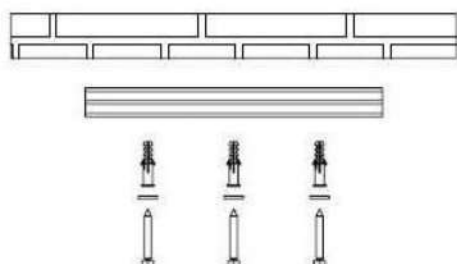
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600 x 850	✗	✗
600 x 1040	✗	✗
600 x 1230	✗	✗
600 x 1420	✗	✗



RADIATOR HEIGHT	600	1800
A	320	1520

<p>Reaction to fire: A1 Release of dangerous substances: None Maximum operating pressure: 1000 kPa Surface temperature: Maximum 110°C Resistance against corrosion: No corrosion after 100 h humidity Resistance against minor impact: Class 0</p>	
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