



## Installation of a cast iron radiator

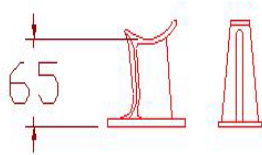
### Pre-installation requirements

#### Open the carton and check its contents:

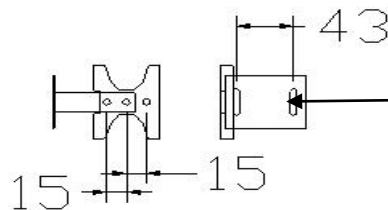
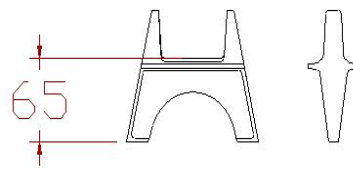
- Cast iron radiator with sections screwed together to form the required length
- Four plugs consisting of one pair ½" BSP for valves, one air bleed plug and one plain plug
- A set of brackets and feet to suit the number of sections of the radiator refer

1. It is wise to check a sample radiator to confirm dimensions before committing the pipe work. This allows for any variation in valve fittings and bracket location etc.
2. If the installation is into a new building, pre plumb the pipe work and fit noggins where the brackets will be placed and where the pipes come through the wall prior to the finish plastering of the wall.
3. Determine the size and position of the radiator to be installed in the room.
4. The radiators sit on cast aluminium feet which fixes the height at which the radiators sit above the floor.
5. Check that the height and thickness of the skirting board will clear the radiator-mounting bracket and the radiator.
6. Determine the position of the pipe entries through the floor or wall.
7. Determine there is no major building structure that will interfere with the location of the pipes
8. Determine on the radiator where the flow and return pipes will be connected. It is a good idea to keep to one side for all radiators i.e. all flow valves on the bottom left corner and all lockshields on the right with the air bleed plug above on the right side and the plain plug above the flow valve. Alternatively use red electrical tape to mark the flow pipes as they are installed.
9. Determine what colour the radiators are to be painted and organise this to be done.

#### Type 'A' foot for 2 column only



#### Type 'B' foot for all other sections



#### Standard Wall bracket

Use 4 mm dia fixings to suit the type of wall – 2 places per bracket



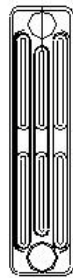
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## Installing a cast iron sectional radiator

1. Fix the brackets in place with appropriate fixing screws, level the brackets and if necessary adjust the length via the 3 hole spacers. Ensure the connection between the brackets and the radiator is secure.
2. This is a good time to paint the wall.
3. Fit the air bleed plug to a top corner and the valve unions and plug according to the plumbing requirements.
4. Drill oversize holes for the pipes to allow for alignment variations and expansion movement of the pipes. Use a pipe cover plate to hide the hole.
5. Locate the feet in their correct positions ready for the installation of the radiator.
6. Lift the radiator onto the feet.
7. Fit the radiator to the wall brackets.
8. Install the radiator valves and plumb to suit.

### Notes on installation:

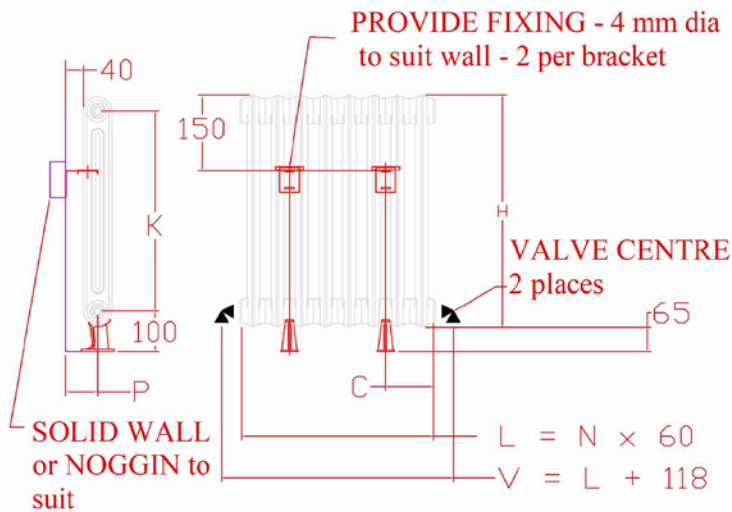
**Transport:** When carrying the radiator to its correct position, always carry the radiator in the upright position. Carrying the radiator lying on its side puts undue stress on the section joints which may cause leaking. The radiator can be transported and stacked on a truck on its side only if it is fully supported along its side.



**Radiator Valves:** If planning to use thermostatic heads with the control valves use only reverse pattern type valves that keep the head away from the radiator. Failure to do this will cause the thermostatic head to function erratically. **Alternatively use a thermostatic head with a remote sensor.**

## Installing dimension of a Hunt cast iron radiator

### BRACKET, FOOT AND VALVE SETUP



### 2 COLUMN RADIATOR AS DRAWN

NUMBER of FEET & BRACKETS + LOCATION			
N No of Sections	No. Feet & Brackets	Feet Type	C dim
4	2	A	60
5 - 9	2	B	120
10 - 14	3	B	120
15 - 19	4	B	120
20 - 24	5	B	120
25 - 30	6	B	120

### NOTES.

1. Total length of radiator equals Number **N** of section x **60** mm
2. Centre distance of pipe work **V** equals total length **L** including plugs plus **90** mm for the radiator valves
3. Dimension **40** & **P** can increase or decrease by 15 mm except for 2 column sections by the use of other mounting positions on the brackets.
4. Position wall brackets 150 mm down from top of radiator as shown.
5. Care should be taken when specifying the larger sections, combined with the maximum number of sections, as the total weight may exceed practical limits.



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## Dimension & weight of a Hunt cast iron radiator

Model	No. Columns	H Height	D Depth	K Interaxis	Weight Kg/ section	Max No Sections	P Pipe Centres from Wall
LBT 880/2	2	880	70	800	5.07	30	75
LBT 580/4	4	580	146	500	6.27	20	113
LBT 680/4	4	680	146	600	7.17	20	113
LBT 880/4	4	880	146	800	9.27	20	113
LBT 430/6	6	430	225	350	7.47	15	152
LBT 580/6	6	580	225	500	9.77	15	152
LBT 680/6	6	680	225	600	11.07	15	152
LBT 880/6	6	880	225	800	13.67	15	152
LBT 300/9	9	300	340	220	8.07	10	210

