

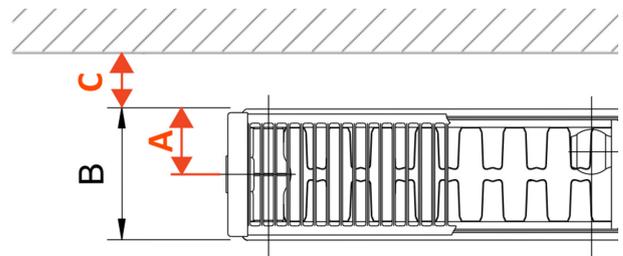
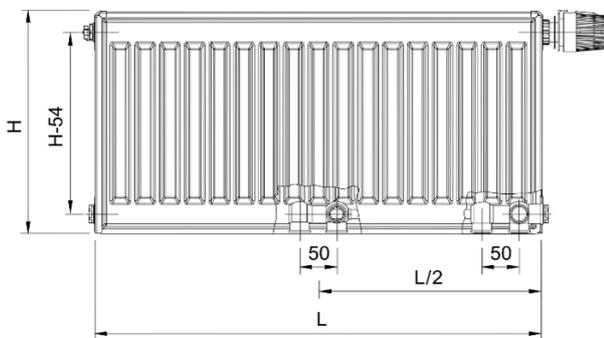
Korado Universal Radiator Installation Guide



Radiator set out for all models

The flow and return pipes are located at 50mm centres with the outside connection being set in 31mm from the edge of the radiator. When using an angled valve block the flow and return pipes are to be located 31mm under the bottom of the radiator.

NB: Typical install height is 150mm from floor to radiator pipes (181mm to bottom of radiator). Please check height of skirting boards as radiator pipes need to be above skirting. For radiators over 1,800mm, extra mounting brackets should be considered.

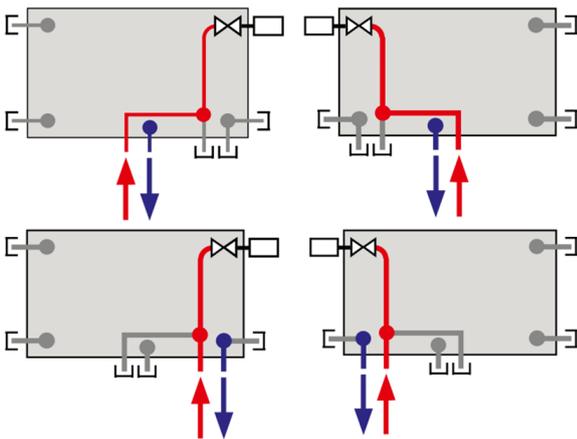


Ref	Description	21	22	32	33
A ¹	Pipe centre distance RH connection *1	33	50	50	50
A ²	Pipe centre distance central connection *1	33	33	33	33
A ³	Pipe centre distance LH connection *1	33	67	122	122
A ⁴	Pipe centre distance central connection LH valve *1	33	50	105	105
B	Radiator total depth	66	100	155	155
C	Radiator distance from wall (F7 Brackets)	30	30	30	30

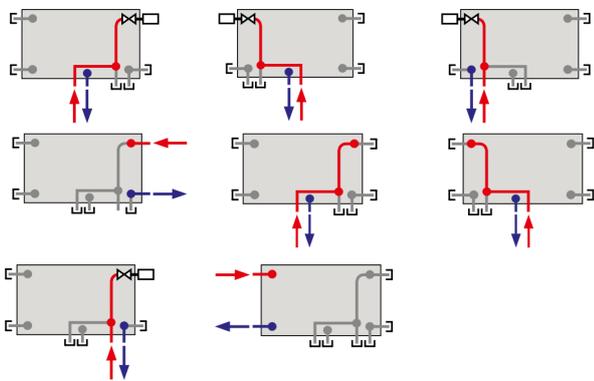
*1 These distances apply for radiators supplied with factory RH integral valve placement, for indent order LH valve radiators please refer to the Korado manual.

Connections

Korado Universa Radiators can be installed with the flow and return connections on either side of the radiator or central while still utilising the integral valve.



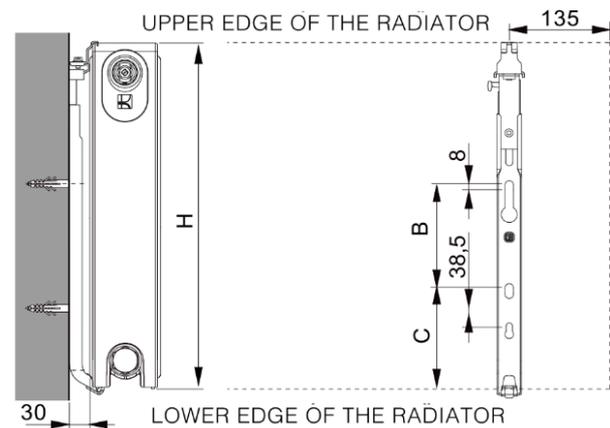
Other connection options are possible but not all will allow the integral regulating valve to be used:



NB: Radiators with factory fitted decorative panels and model 32 radiators cannot be flipped and must be special ordered with left hand connections (right hand connection is standard).

Brackets

Korado Universal radiators are supplied with Easy-Fit brackets that can be located anywhere along the width of the radiator, however 150mm from each end is recommended. At pre-pipe stage add fixings into the wall framing for future mounting of the brackets:



NB: For radiators over 1,800mm wide, extra mounting brackets are required with each bracket suitable for a total weight of 150kg.

Radiator Height H (mm)	B (mm)	C (mm)
300	74	105
400	174	105
500	274	105
600	374	105
700	474	105
900	674	105

Valve Blocks & Connectors

Korado VKM8U radiators are supplied with 8x 1/2" female connections with 2 on each end and 4 on the underside.

The 4 connections on the underside of the radiator allow the flow and return pipes to be grouped together as shown above and the integral regulating valve to be used with a Danfoss RA thermostatic radiator valve.

The valve blocks used for these connections are a double lockshield H valve available in angled or straight connections and are supplied with a 1/2" to 3/4" self sealing nipple to be installed between the radiator and valve:



— Angled (KRVBANG)

— Straight (KRVBSTR)

The pipe connection side of these valves is a 3/4" Eurocone male connection allowing for composite or copper pipe connections to be easily made:



— Composite 16mm (CONMT1634)

— Composite 20mm (CONMT2034)

— Copper 15mm (CON437515)

Decorative Panel



Korado VKM8U radiators can have a decorative panel added to improve the appearance, the Line version of these panels are available from stock and can be added to either side of the radiator once installed.

These panels will reduce the heating output of the radiator by 7%.

Please refer to the Korado Decorative Panel Installation Instructions for more details.