

AEL

HEATING SOLUTIONS

LONGO RADIATOR - FLOW DIVERTER - BOTTOM OPPOSITE END CONNECTIONS

Any tall radiator that is usually over one metre high that is being installed with BOE or



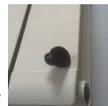
Bottom Opposite End connections will either have a flow diverter already fitted or as with the Longo one will need to be installed on the flow inlet just prior to fitting the corner flow in tapping bush, fitting the flow diverter literally takes five seconds.



When using BOE or Bottom Opposite End connections on a tall radiator the flow of water will always take the least line of resistance across the bottom of the radiator and mostly bypass the top half making it cooler and inefficient. The flow diverter corrects the direction of flow from flowing along the bottom of the tall radiator and out to diverting the flow of water straight up, across and down the radiator.

The flow diverter is required to push the hot water up to the top of the radiator as it enters allowing the water to then cascade from the top down giving an equal distribution of hot water across the radiator from top to bottom maximising the thermal efficiency of the tall Longo radiator.

It is important that the flow diverter is fitted or situated as close to the bottom flow inlet side of any tall radiator, if the diverter is incorrectly fitted or situated on the flow out of the radiator it will restrict the water leaving the radiator and effect the efficiency of the radiator.



The Longo radiator requires the flow diverter <- inserting and pushing firmly into



the centre of the first nipple <- on the bottom flow inlet into the radiator.

The diverter is not required if the connections are configured as TBOE



Top Bottom Opposite Ends -> -> as the water will naturally flow across the top of the radiator and evenly cascade down from the top leaving the radiator from the bottom corner.