KESTON
Boilers

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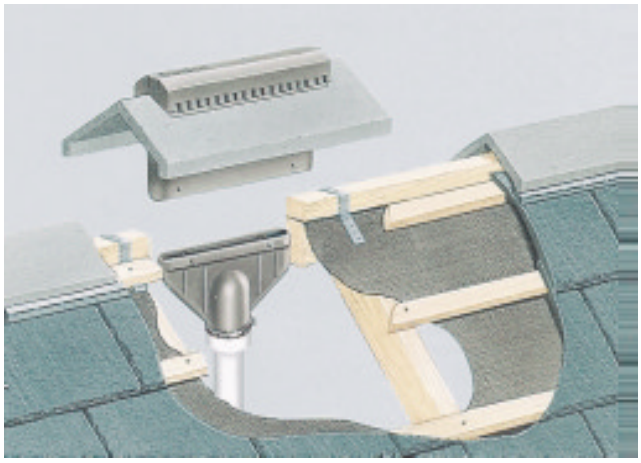
RIDGE VENT TERMINATION INSTRUCTIONS
FOR THE CELSIUS 25, C40 and C55 BOILERS

General
The Celsius range of high efficiency gas condensing boilers operate at ultra high efficiency levels throughout their operational range. As a result the flue gas temperatures are vastly reduced in comparison to conventional boilers.

It is therefore possible to terminate the air intake and flue gas pipes using roofing products previously intended only for ventilation purposes, The RedVent Ridge Ventilation Terminal from Redland Roofing Products has been approved for this purpose.

The RedVent Ridge Ventilation Terminal has an equivalent length of 50mm muPVC pipe of 1m when used as a flue terminal and 2m when used as an air intake terminal.



Clearances
The RedVent Ridge terminal must be installed no closer than 300 mm from any internal or external corner and a minimum separation of 200 mm must be maintained between air intake and flue exhaust terminals (300 mm for the Celsius 40 and 55).

Installation Procedure

1) If used for the flue pipe terminal the top cap of the RedVent Ridge terminal should be removed and discarded. This is detached by unclipping from the main body of the terminal. For air intake termination the top cap MUST be retained.
2) For flue pipe terminal a modified replacement cap should be fitted. This part (part no C17.0.03.00.0) is available from Keston Boilers Ltd via its stockists.
3) The RedVent Ridge terminal should be assembled and installed in the roof system in accordance with the instructions supplied with the product.
4) Having attached the terminal adapter, supplied with the RedVent, to the terminal the 110 mm spigot should be converted to a female socket using a Polypipe SWH16 solvent pipe coupler (110mm). This socket should then be reduced to 82 mm using a Polypipe SO62 reducer. All joints should be secured with solvent weld adhesive.
5) The resulting 82 mm spigot should be reduced to 50 mm muPVC using a Polypipe SW82 reduced. This should be solvent welded on to the 82 mm spigot.
6) Connect the air inlet or flue exhaust pipework to the SW82 using solvent weld adhesive.
7) All joints must be checked for soundness. The flue exhaust and air intake pipework must be installed in accordance with the requirements detailed in the boiler Installation & Servicing Instructions.

END