



EXTERNAL AIR SUPPLY KITS

A fixed ducted air supply may be used as an alternative to the traditional method of using a permanent open vent into a room to supply air for combustion. This gives increased comfort and efficiency by cutting down the number of air changes in the room. Independent testing by an accredited test laboratory has shown that the ducted air supply is as effective as an open vent in safely providing air for combustion. When installing and using the stove fitted with a ducted combustion air supply please follow these important safety points.

Installation

The ducting should be run in non-combustible, semi-rigid material - normally spirally wound aluminium. Bends should be kept to a minimum and there must be no more than five 90° bends in the duct with a maximum length of 5m. The ducting must be permanently open, with no valves or dampers fitted. Joints in the ducting should be made using suitable fittings or adhesives.

Ducted air supply kits are available which include 1 metre of suitable ducting, 2 jubilee clips and an adaptor (if required) for attaching the ducting to the rear spigot or external grill and a manifold (if required) to connect to the stove. Heat resistant silicone can be used to provide extra sealant as well as Jubilee clips. The table below shows the recommended diameters of ducting and air supply kits for the different ranges of stoves.

Where the ducting passes through the external wall a suitable grill must be fitted to prevent entry by rodents and must be positioned so that blockage by leaves or other debris will be avoided. Also ensure that rain water or flood water will not enter the duct. The flexible ducting should be protected with suitable sleeving to protect it where it passes through the wall.

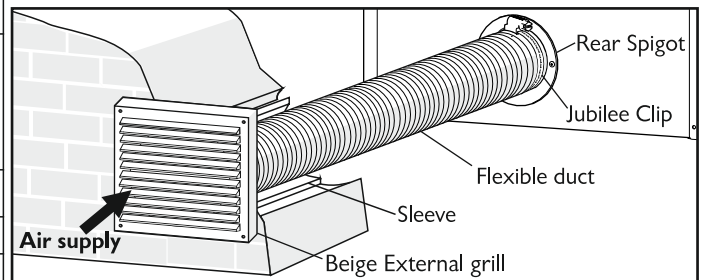
After installation the stove must be lit to ensure it is operating correctly - see the operation section below.

Commissioning

Before lighting, first check that there is an updraft in the chimney - open the door of the stove and hold a lit match at the top of the door opening. If the flame is pulled into the stove this indicates that there is an updraft and the fire may be lit. If the flame is pushed out from the stove then this indicates that a downdraft is present, the flue will need to be warmed to produce an updraft and then checked using the same procedure with the lit match. The flue may be warmed by lighting a single sheet of newspaper, or a firelighter, within the stove before attempting to light a proper fire. Sometimes it may be necessary to open a window to give an initial draw. Once the fire is burning, the heat of the fire will maintain the chimney draw.

A spillage test must be carried out to confirm safe operation with doors and windows closed and any extract fans in operation (i.e. worst conditions) Warm the appliance and flue before carrying out the spillage test. Light a smoke match from the middle of a bed of embers, hold the match approximately 20mm above the ember bed and ensure that the smoke is carried up the flue and emitted safely. Also check all joints and seals. On successful completion of the spillage test please leave the operating instructions and tools with the customer and advise them on the use of the appliance. If the spillage test fails the cause must be found and rectified, or the appliance decommissioned and the customer instructed not to use the appliance until it can be shown to operate safely.

Model	Minimum Recommended Duct Diameter (mm)	Required Kit Part No
C-Four, C Four Blu, Aire 3, Arc 5, Skye 5, Island I - AP	65	010/TH50
C Four Insert C Five, Six, Seven, Eight C Five, Six, Seven, Eight Blu Tor Pico, Arc 7, Aire 5, Aire 7 Skye 7 & Island II - BP	100	010/TH51
Cove 1	100	010/TH61
Cove 1 SR	65	010/JS52
Cove 2 & 3	100	010/TH62
Island I, Island II (mk 1 & mk 2)	100	010/TH63
Island III (mk 1 & mk 2)	100	010/TH64
Bay 5, Bay 5 VL Bay 5 Gt	100	010/TH51



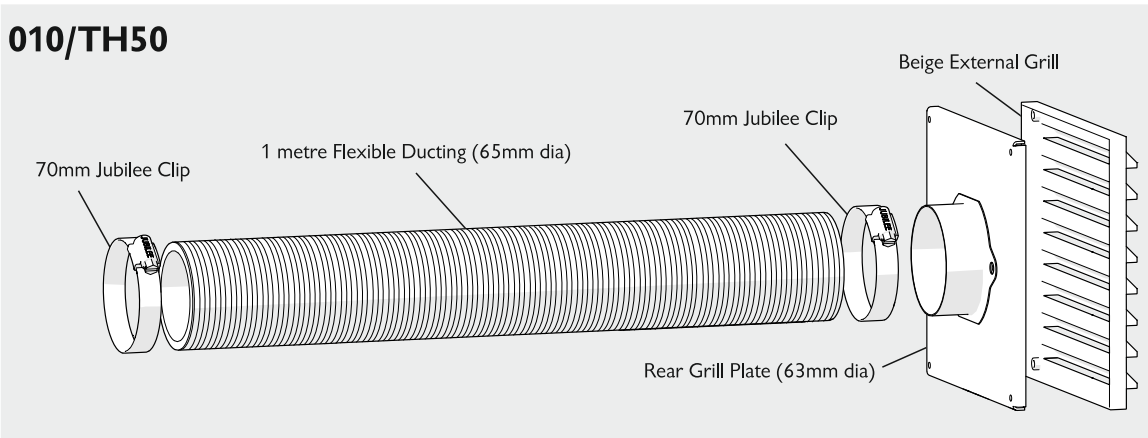
See reverse page for adaptor kits



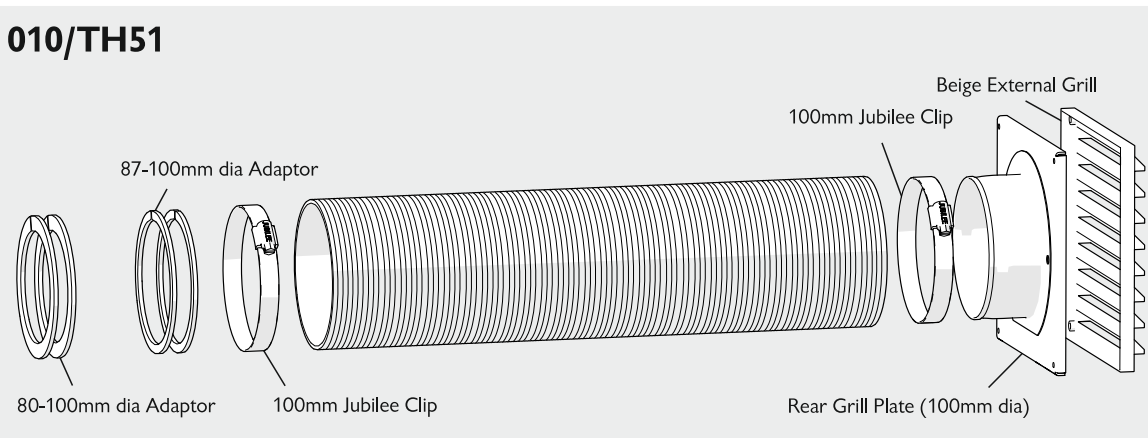


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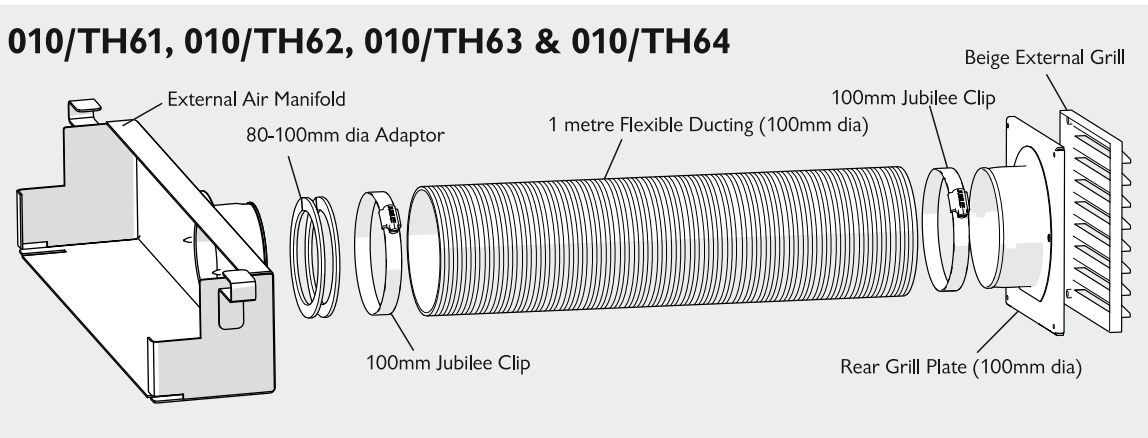
010/TH50



010/TH51



010/TH61, 010/TH62, 010/TH63 & 010/TH64



010/JS52

