



Outside Air Kit 100

INSTALLATION INSTRUCTIONS

OAK100

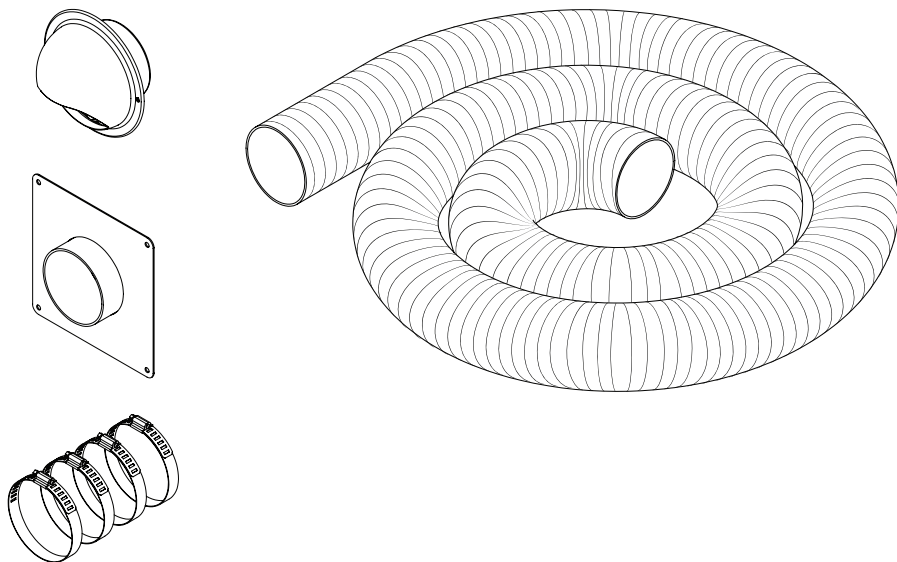


Glen Dimplex Australia supports the Australian wood heating industry through its membership of the AHHA.

VERSION 1.0

CONTENTS OF BOX

- 2 metre length of black flexi duct
- Hooded vent
- Wall plate
- **4x** hose clamp



ITEMS REQUIRED

- Roof and gutter silicone sealant
- Internal sealant
- **2x** screws for exterior use (suit 4.5mm holes)
- **4x** screws for internal use (suit 5mm holes)
- Plugs/wall anchors as needed

INTRODUCTION

Many modern wood heaters have the ability to be connected to outside air. This enables the heater to draw air for combustion completely from outside your home.

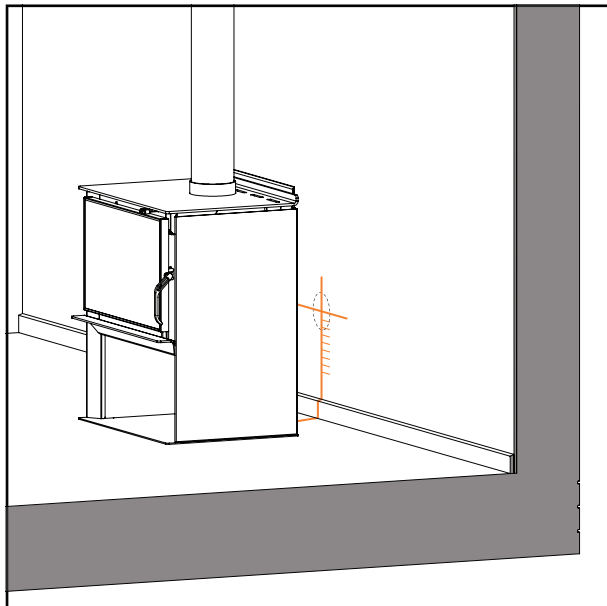
This is especially useful in modern, air-tight homes with high energy ratings, but can be done in any house if desired.

This kit can be used with any wood heater with a 100mm diameter air intake port.

Before starting installation, ensure you have read this manual from start to finish.

Refer to your heater's Installation Instructions for the additional requirement of components to complete installation of outside air connection.

INSTALLATION INSTRUCTIONS

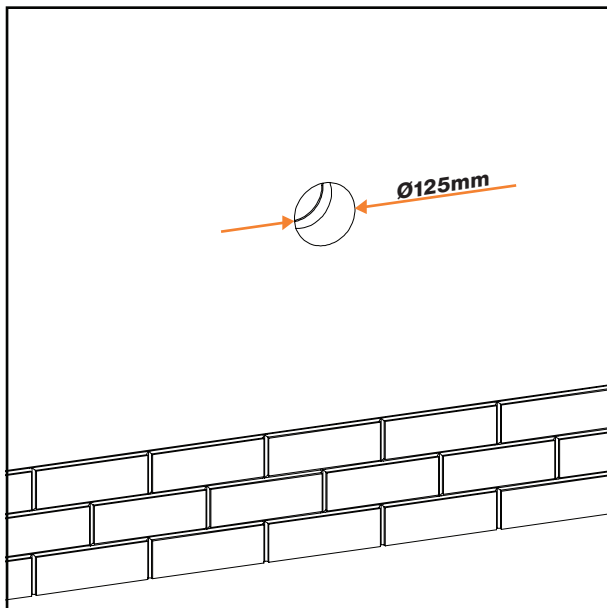


STEP 1

Select a suitable location for outside air duct installation. Ensure chosen location is not obstructed by timber studs inside wall.

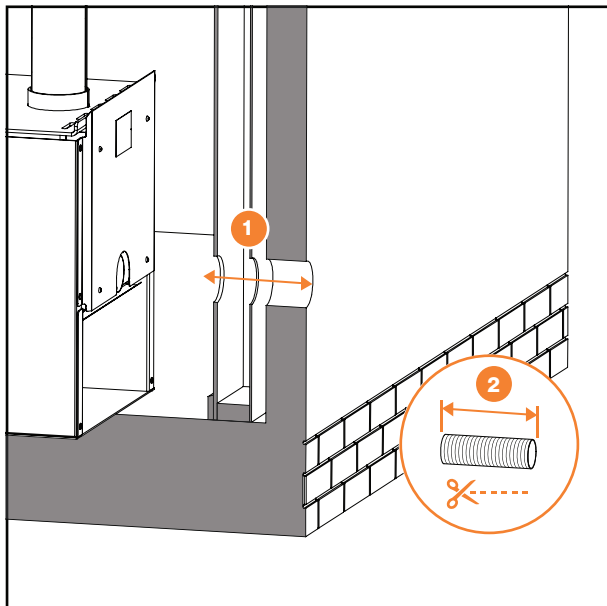
It is desirable to have as straight a run as possible from the heater through to the exterior.

Measure the height from the floor to duct collar and drill a pilot hole into wall at the same height through to the exterior.



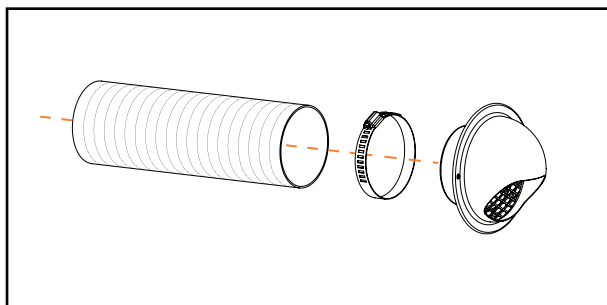
STEP 2

From exterior, drill 125mm diameter hole through wall.



STEP 3

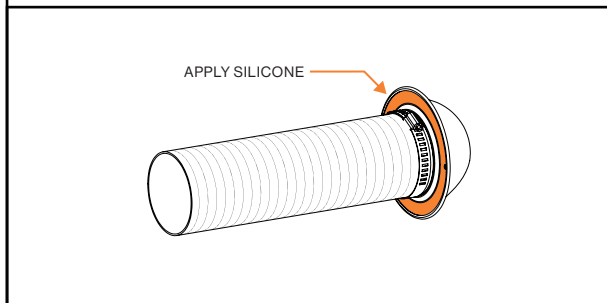
1. Measure total thickness of wall.
2. Cut supplied flexi duct to approximately the same length. Do not extend flexi duct before cutting.

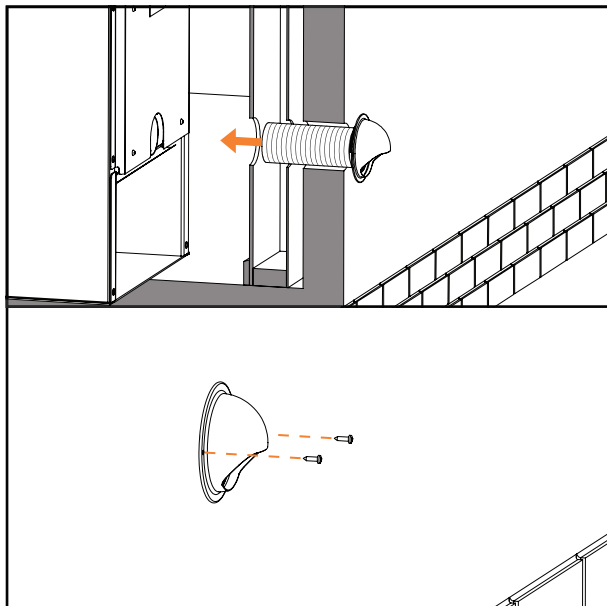


STEP 4

Attach short length of flexi duct to hooded vent. Cutting a couple of small (1cm) slits into the flexi duct and flaring out the end may make it easier to fit the duct over the rear of the vent. Secure with hose clamp.

Apply continuous bead of roof and gutter silicone to backside of hooded vent. This is to ensure a weatherproof seal when vent is installed.

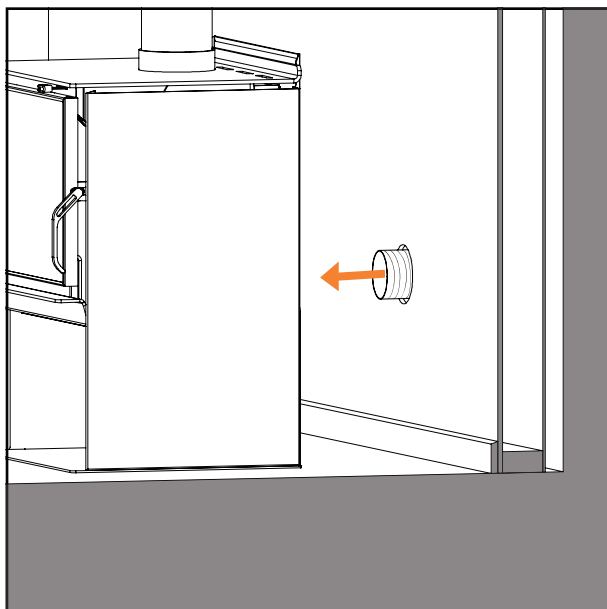




STEP 5

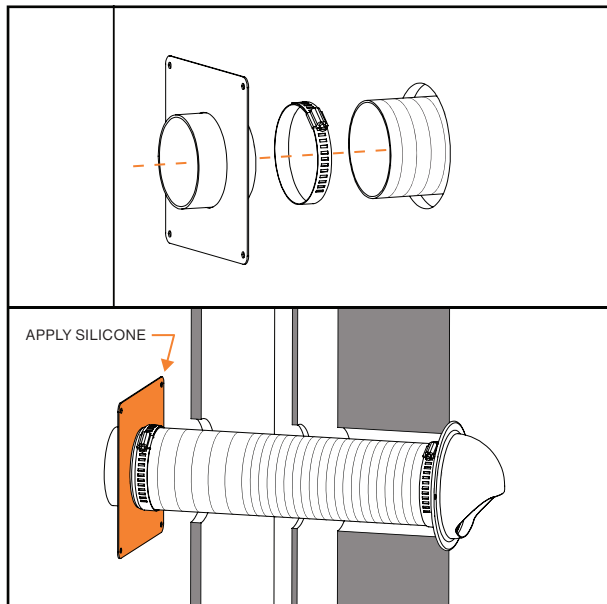
Insert duct into wall.

Fasten to wall using two screws. Select screws that are suitable for the type of wall that the vent is being fitted to.



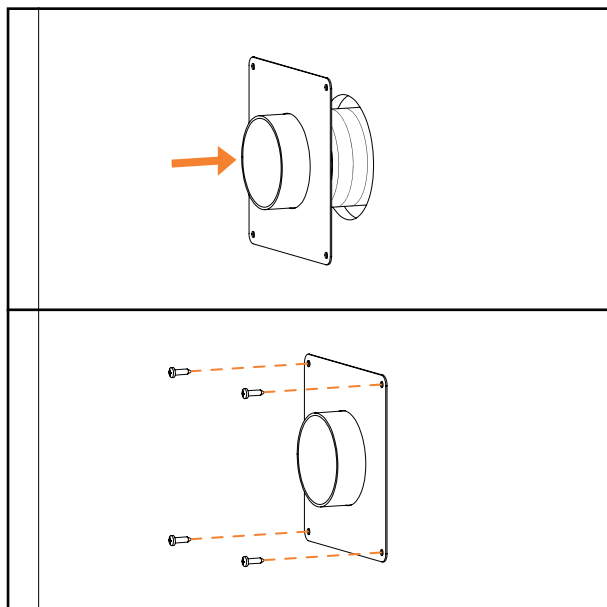
STEP 6

From inside, carefully pull end of flexi duct out so that the end extends a few centimetres past the wall.

**STEP 7**

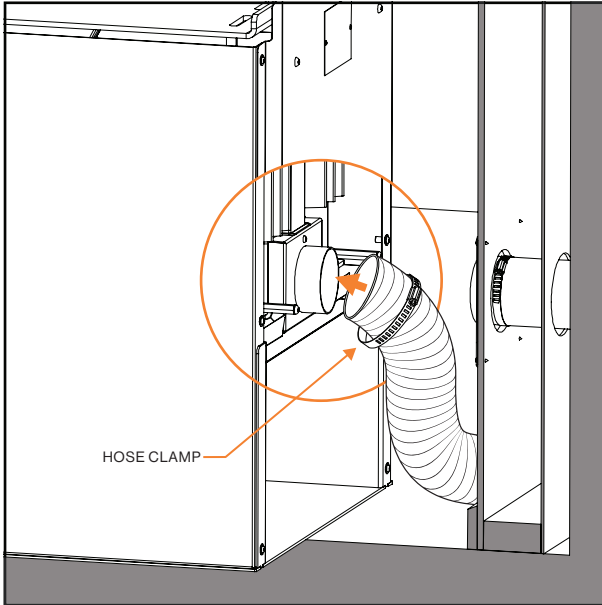
Attach wall plate to stretched out flexi duct.
Use hose clamp to secure.

Apply continuous bead of silicone sealant to
backside of wall plate. This ensures that there
is no air leakage around the air duct.

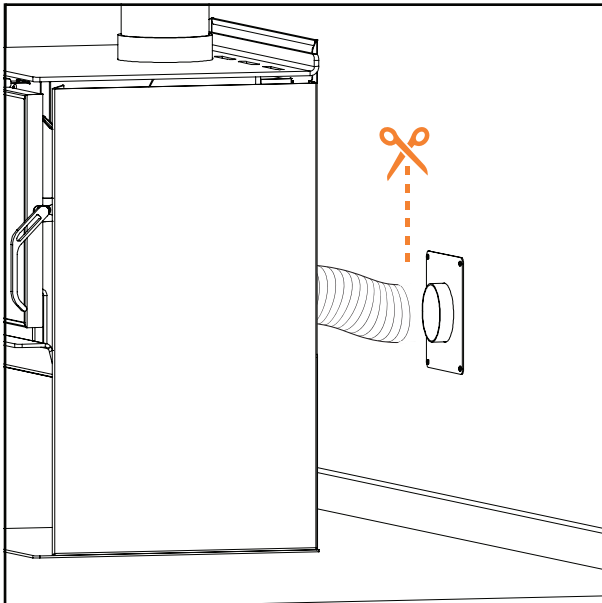
**STEP 8**

Press wall plate up against wall, compressing
flexi duct.

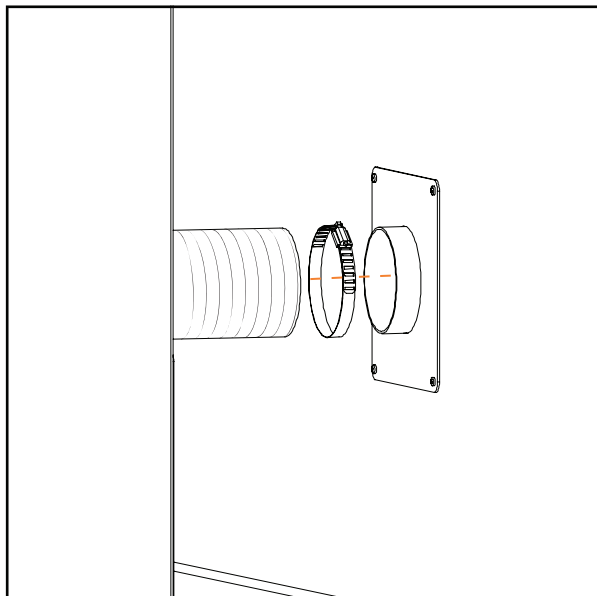
Secure wall plate with four screws. Select
screws that are suitable for the type of wall the
plate is being fitted to.

**STEP 9**

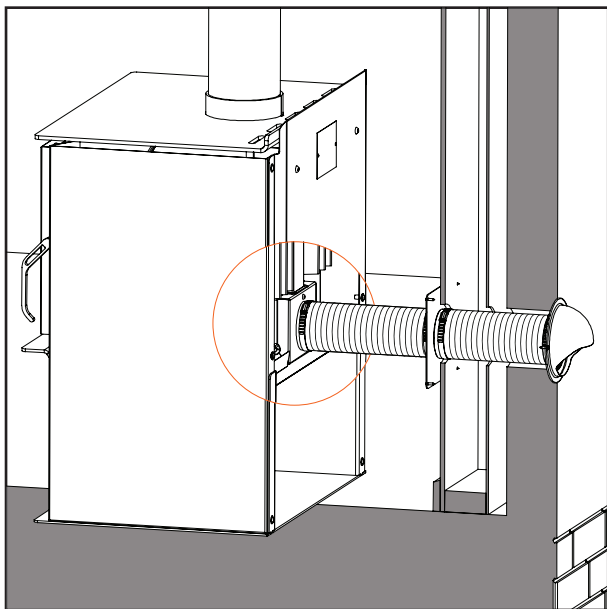
Attach end of flexi duct to outside air collar on rear of heater. Cutting a couple of small (1cm) slits into the flexi duct and flaring out the end may make it easier to fit the duct over the collar. Secure with hose clamp.

**STEP 10**

Trim excess flexi duct. Leave only a short run to the wall plate.

**STEP 11**

Attach end of flexi duct to wall plate. Secure with remaining hose clamp.



Installation complete.



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