

INFINITY® upwards flue diverter installation guide

The upwards flue diverter is an accessory that can be fitted to an external Rinnai continuous flow water heater. It is designed to expel combustion products in an upwards direction. The flue diverter is fitted with screws to the flue terminal.

Important: The flue diverter **MUST** remain as a permanent fixture as removal could mean the water heater position no longer complies with AS/NZS 5601.1. All clearances must conform with AS/NZS 5601.1

Suitability

Externally mounted Rinnai INFINITY continuous flow water heaters NOT installed into a recess box.

Balconies, patios, or other enclosed areas where products of combustion can be rapidly dispersed into the open-air.

Code Model

FDU16: VT16 and XR16

FDU20: VT20, XR18, XR20, Solar 20

FDU24: VT24, VT26, XR20+, XR26, XR26+, XR24, Solar 24

FDU32: HD250, XR32

Specific applications

Noise reduction, in particular with larger INFINITY models where the unit is positioned close to a neighbouring property.

Where there may be an obstruction such as a tree, fence, wall or other structure, that even though an INFINITY is installed with the required clearances, will perform more efficiently if the flue gases are cleared upwards and away from the obstruction.

Where there are multiple units installed that are positioned facing each other—there is potential for the units to suffocate from the flue gases of the unit directly opposite. With an upwards flue diverter the flue gases can be expelled upwards and away from the units.

Installation

Upwards flue diverter models differ in type and installation due to the different sizes of flue terminal.

Ensure the gas and electricity are turned off before starting the installation.

Installation of the FDU16, FDU20, and FDU24

1. Remove the front cover off the Rinnai INFINITY.
2. Remove and discard the existing housing around the outside of the flue terminal.



3. Remove the inside three screws from the flue terminal and set aside.



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Installation of the FDU16, FDU20, and FDU24 continued

4. Slot the diverter on to the flue terminal, reinsert screws, and tighten.



5. Use the foam housing from the kit and place over the diverter and flue terminal. This foam is thicker and will prevent the metal components vibrating against each other.



6. Put the cover of the INFINITY back on—be careful not to scratch the paint finish on the cover.



Installation of the FDU32

1. Loosen the fixing screws on the diverter.



2. Insert diverter into the flue terminal ensuring it clips into the top and bottom lip of the terminal.



3. Secure the diverter to the INFINITY by tightening the screws.

