

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 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	Suitability
FDU16	A16 (VT16, XR16)
FDU20	A20 (VT20, XR18, XR20, Solar 20)
FDU24	A24, A26 (VT24, VT26, XR20+, XR26, XR26+, XR24, Solar 24)
FDU32	HD250 (XR32)
N.B: Models in brackets above are discontinued	

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 away from the obstruction.

Where there are multiple units installed that are positioned facing each other—there is potential for other units to suffocate from 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

Installation of the upwards flue diverter varies depending on the model, this is due to the different sizes of flue terminal.

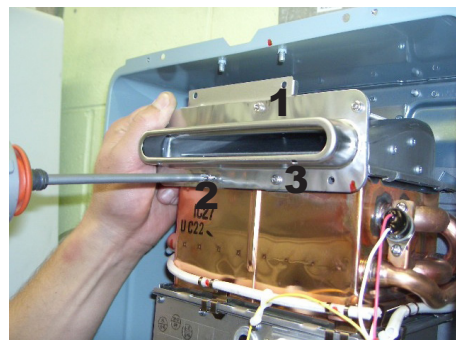
Ensure the gas and electricity are turned off before starting the installation.

Installation of the FDU16, FDU20, and FDU24

- Remove the INFINITY front cover.
- Remove and discard the existing foam housing around the outside of the flue terminal.



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

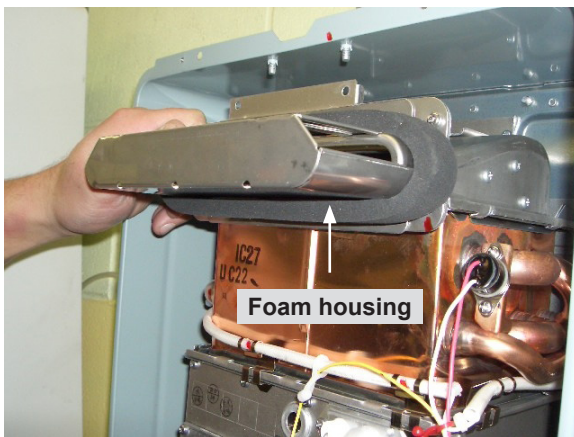


- Install the diverter onto the flue terminal, reinsert screws and tighten.



Installation of the FDU16, FDU20, and FDU24 continued

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. Install the diverter on 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.

