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# INSTALLATION INSTRUCTIONS

## RECESS BOX (PN 299831 & 299831/WA) – FOR USE WITH CFGWH 872, 874, 876 SERIES 627 MODELS

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This instruction details the installation of the recess box suitable for the Rheem Electronic Continuous Flow Gas water heater models noted below (refer to the rating plate for model number).

### 872627, 874627, 876627 Models

The water heater must be located such that the installation meets the requirements of AS/NZS 5601.1. There must be sufficient ventilation so the water heater has an adequate supply of combustion air and the flue products are dispersed safely. It is the licensed installer's responsibility to ensure the installation complies with the relevant sections of the prevailing Gas installations Standard.

Kit Contents and Component Description	Qty
Recess Box body	1
Recess Box front cover	1
Recess Box security bracket	1
Installation instructions – Recess Box	1

**Note:** Refer to page 2 for the procedure to install the Recess Box and to page 3 for the procedure to install the water heater.

#### INSTALLATION WITHIN A COVERED AREA

Installation of the water heater in this Recess Box is permitted within a covered area open on at least two sides, if the water heater's flue terminal is located to ensure a free flow of air across it is achieved.

AS/NZS 5601.1 also allows the installation of a water heater within a covered area open on one side only if the flue terminal is within 500 mm of the opening, is discharging in the direction of the opening and the terminal is located to ensure a free flow of air across it is achieved. Additional clearances to openings into the building or obstructions also apply, refer to AS/NZS 5601.1, Fig 6.2.

*This recess box must be installed by a qualified person.*



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## RECESS BOX INSTALLATION

1. Install the Recess Box in the wall.

### New Masonry Wall

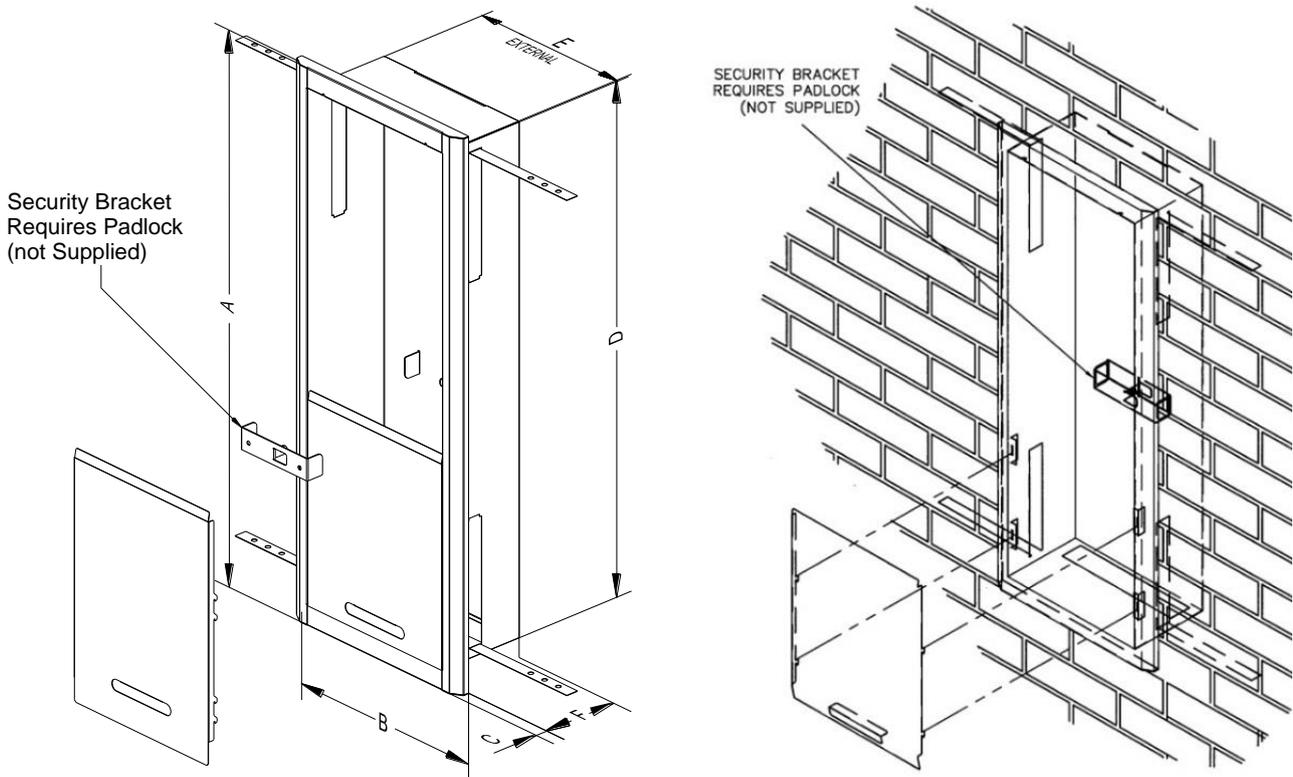
The Recess Box can be installed in a new wall as the masonry is being laid.

- Fold out the four masonry securing tabs to a horizontal position.
- Position the Recess Box into the opening in the masonry work.
- Place the securing tabs into the wet mortar joints of the masonry work as the masonry is being laid.

### Existing Wall

The Recess Box can be installed in an existing wall.

- Prepare an opening in the wall with a height of 1020 mm and width of 355 mm.
- Position the recess box into the wall cavity.
- Drill holes through both sides of the Recess Box at the desired fixing points (it is recommended the fixing points are located below the Continuous Flow water heater's installed position).
- Secure the recess box to the wall structure using suitable anchors.



Recess Box Kit	Fascia			Cavity		
	Height	Width	Depth	Height	Width	Depth
299831	A	B	C	D	E	F
299831/WA	1091	435	52	1016	353	158
	1091	435	86	1016	353	125

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## INSTALLING THE WATER HEATER

2. Install the gas, cold water supply and hot water flow pipes through the pipe entry slot at the bottom of the Recess Box.

**⚠ Warning:** The pipe entry slot in the base of the Recess Box must be sealed at the completion of the installation to prevent the seepage of gas or water into the wall cavity in the event of a leak. Refer to step 9.

3. There is information on the rating label located on the side of the water heater, which may be required for future warranty and service requirements, and will be hidden when the installation is complete.
  - Move the rating label to or indelibly copy the information, including the water heater serial number, manufacture date and model number, from the label onto the front panel of the water heater or to another position which is visible when the water heater is installed so the householder or responsible officer can access the water heater details when required.

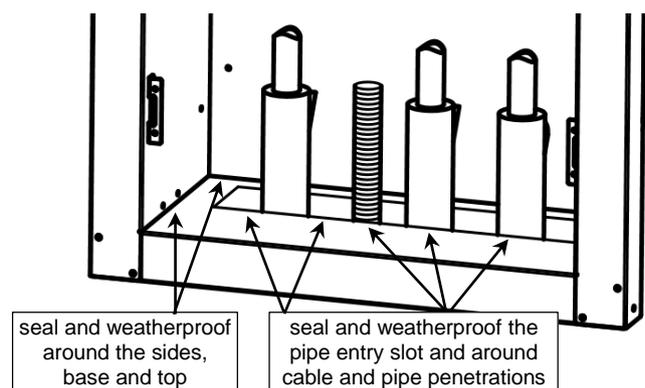
An additional rating label is supplied attached to the inside of the front cover of the water heater. This is for a service person to access the water heater details when required.

4. Mount the water heater in the Recess Box.
  - Place the top bracket of the water heater through the slot between the top plate and rear wall of the Recess Box and slide the water heater upwards.
  - Position the bottom bracket of the water heater over the centre tongue protruding from the rear wall toward the bottom of the Recess Box.
5. The Recess Box includes a theft-resistant bracket, supplied loose in the box.
  - Fit the three tongues on the security bracket against the three tongues protruding from the rear wall of the Recess Box, lining up the holes in the centre tongues.
  - A padlock (not supplied) can be placed through the centre tongues to prevent theft.
6. A weatherproof general power outlet (GPO) can be fitted outside or inside of the Recess Box.
  - If the GPO is fitted outside of the Recess Box, the power lead from the water heater can be brought through the space above the front access panel to the GPO.
  - If the GPO is fitted inside of the Recess Box, it also must be weatherproof. The cable entry to the GPO can be made through the pipe entry slot at the base of the Recess Box. Refer to step 9.

7. Connect the gas, cold water and hot water pipes to the water heater. Refer to the Owners Guide and Installation Instructions provided with the water heater for further installation details and information.

8. Seal and weatherproof the bottom and top of the Recess Box using silicone or similar waterproof sealant. This includes along the internal joints between the sides and the base and top of the Recess Box.

9. Seal and weatherproof the pipe entry slot and around the pipes and cable where they enter through the pipe entry slot at the base of the Recess Box.



**Steps 8, 9 – seal bottom and top of Recess Box**

10. Replace the access panel onto the Recess box.

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