

SECTION 3.0
FITTING THE PRODUCT
SEMI-RECESSED MOUNTING

3.4 Fan installation

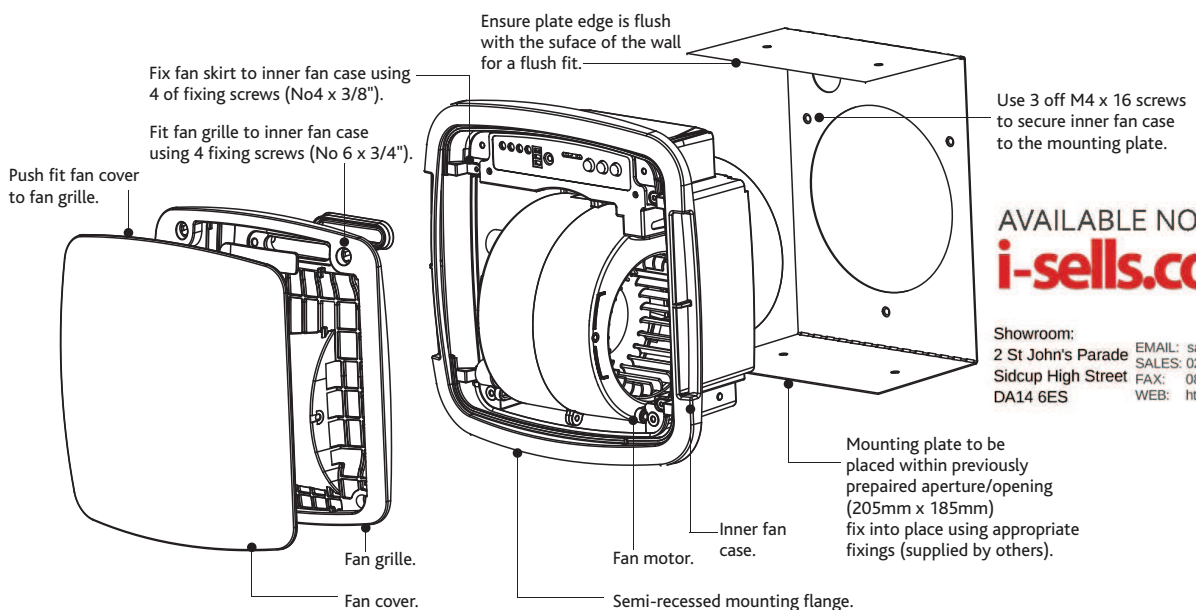
Note: Semi-Recessed mounting requires the optional mounting kit: (Part number: CYFAN-RKIT).

Installation must be completed by qualified personnel. A solid non reverberant mounting position must be selected and passages for ductwork from the outlet spigot, as well as electrical connection prepared. Compatible ductwork should have already been installed.

3.5 Required tools

Drill, PH2 Screwdriver, Terminal Screwdriver and Tape Measure.

4. Partially remove the PCB assembly from the fan casing by placing a finger tip behind the dip switches and pulling the PCB away from the fan casing. (see fig 14).
5. Disconnect and remove the fan scroll from assembly and completely remove the PCB assembly. Note: if the pull cord is not required, remove it completely.
6. Prepare an opening 205mm x 185mm in the mounting position.
7. Position the mounting bracket in the previously prepared aperture so that the ends of the bracket are flush with the surface of the wall. Secure the bracket top and bottom with suitable fixings (by others).
8. Drill and plug (if necessary) the mounting surface.
9. Feed wiring flex through the back of the fan casing and mounting plate.
10. Secure the case to the surface (fixings supplied by others). Note: care must be taken not to twist or distort the case whilst fitting.
11. Partially replace PCB into the fan casing and wire flex into the terminal block (see wiring options on page 5).



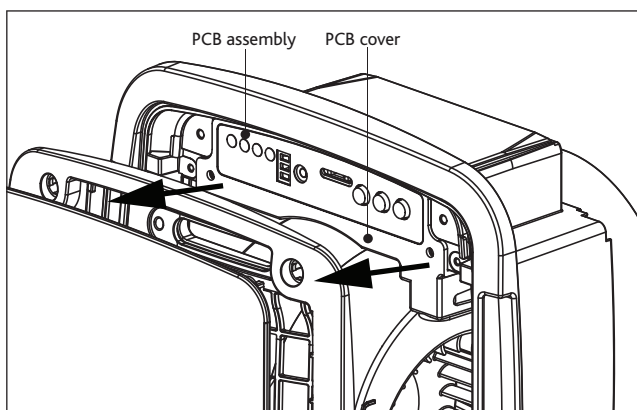
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Fig 13. Semi-Recessed mounting frame kit suitable for 100mm and 125mm dia duct, consists of mounting plate and mounting flange.

3.6 Installation procedures

1. Unpack the fan unit and other components, and ensure that all parts listed on page 1 are present. If not please contact the manufacturer for replacement / missing parts.
2. Place the front cover and inlet grille to one side.
3. Remove the PCB cover by removing 2 off No6 x 1/2 inch screws.

Fig 14. Removal of PCB cover from casing.



12. Replace fan scroll assembly and plug motor into PCB, replace PCB fully into position by pushing the dip switches.
13. Replace PCB cover by fitting with 2 off No6 x 1/2 inch screws. (see point 2 of the procedure).
14. Fit front inlet grille using 4 off No6 x 3/4 inch screws found in the fixing kit.
15. Remove rubber gasket and adjust control to required settings (shown in section 4). Once required settings are complete and desired airflow rate is achieved replace rubber gasket.
16. Complete the fan installation by fitting (push fit) the front cover.

Fig 15. Ceiling mounting using the Semi-Recessed mounting kit. First cut an aperture for the fan in the ceiling, cut and fit (A) timber supports (not supplied) and fit fan as shown. Note: Remove the shutters from the spigot if you are mounting CYFAN in the ceiling. Note: pull-cord must be removed.

