

SERVICE INFORMATION

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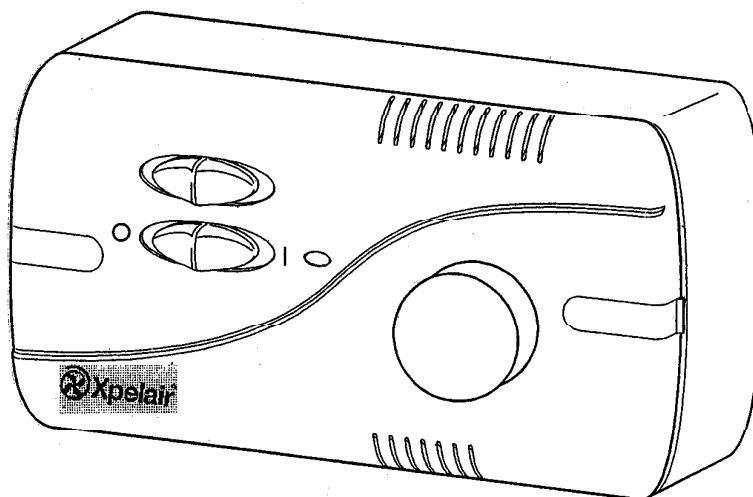
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Circulation:	Issue Date 16/01/01	Issue No 1	Compiled By I Williams
Product XPELAIR EC6H CONTROLLER			
Model	Product No	21854 AW	

The EC6H Fan controller is designed for use with the GX9-12 / WX9-12 / RX9-12 fan ranges.

The EC6H will control up to four 12" fans or six 9" fans but not a combination of sizes.

The controller is suitable for use with both the current range of fans and the previous models.



The Controller provides the following facilities :

- On / off switching
- variable speed control
- forward and reverse running
- Fan running light
- Surface or recess mounting option

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EC6H

Supply rating : 220 / 240 v 50 / 60 Hz

When surface mounted using the plastic wall box supplied, the EC6H does not require an earth connection however an earth parking terminal is provided in the plastic wall box.

If recess mounting using a metal wall box, earthing regulations apply and the metal wall box must be fitted with an integral earth terminal.

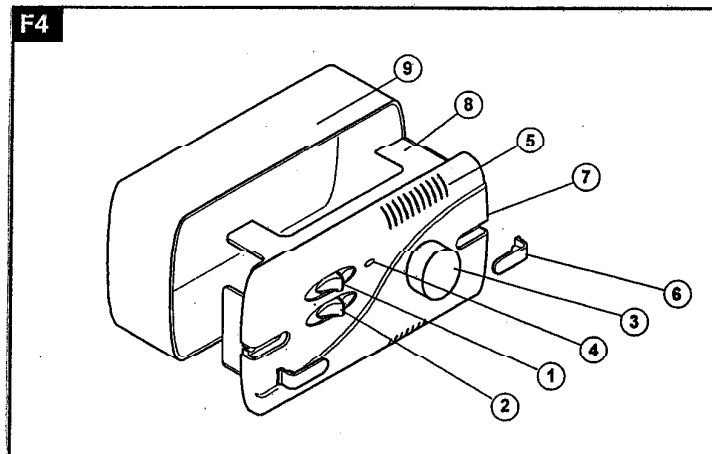
The double gang metal wall box required must be 45mm in depth (min)

And suitable cable glands used to protect the cables

The unit should be protected by a fuse rated 5 amps max

USER FEATURES

See F4



- (1) On / off switch
- (2) Forward and reverse
- (3) Speed regulator
- (4) Indicator light
- (5) Ventilation slots
- (6) Screw cover

- (7) Fascia
- (8) Mounting frame
- (9) Plastic wall box

DIMENSIONS

Height 86mm

Width 160mm

Depth 66mm (overall)

Installation IMPORTANT POINTS TO NOTE

- (1) The ventilation slots provided on the upper, lower and fascia areas provide the means of dissipating any heat generated within the controller. It is essential that these are maintained clear of any obstruction which would prevent their effectiveness.
- (2) The unit should always be connected via fixed wiring and suitable glands fitted to protect the cable.
- (3) Wiring should be carried out in accordance with the installation instructions with double pole isolation (min gap 3mm) and adequate fusing.
- (4) The controller should never be mounted where it is likely to become in contact with water or other liquids
- (5) When installed in a bathroom or shower room the controller and isolating switch must be so located that it cannot be touched by persons making use of the bath or shower.
- (6) The unit should not be mounted immediately above a cooker hob or eye level grill or where the ambient temperature could exceed 50 deg C.

ACCESS TO THE UNIT

Always isolate the unit via the double pole isolating switch and by removing appropriate fuses before attempting to access the interior of the sensor

Remove the two screw covers using a screwdriver to lever them forward as shown in the diagram at foot of page.

Remove the two fascia retaining screws and take off the fascia and mounting frame assembly.

Removal of the fascia from the mounting frame is not necessary as there are no serviceable parts contained within the assembly.

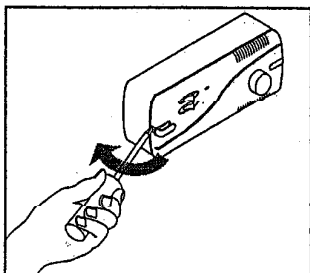


Fig. 2a : Removing screw covers

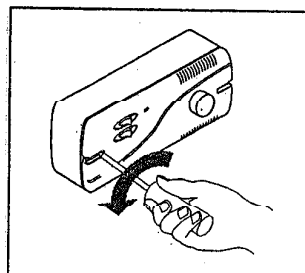


Fig. 2b: Removing fascia