

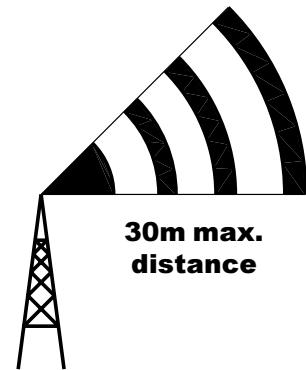
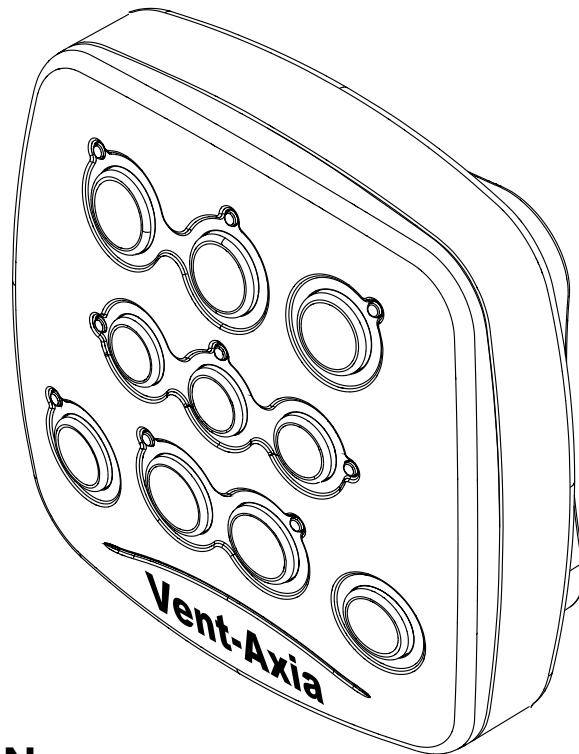
Vent-Axia[®]

Lo-Carbon

T-Series

3 SPEED WIRELESS FM CONTROLLER

Fitting and Wiring Instructions



Stock Ref. No.
455874

UK
CA CE

LOW VOLTAGE

*READ INSTRUCTIONS IN CONJUNCTION WITH ILLUSTRATIONS
PLEASE LEAVE THESE INSTRUCTIONS WITH END USER*

IMPORTANT

1. **INSTALL WITHIN A 30m RANGE OF THE FAN. STEELWORK WITHIN THE BUILDING MAY EFFECT THE SIGNAL. ENSURE THAT THE CONTROLLER OPERATES THE FAN FROM THE CHOSEN POSITION BEFORE FIXING TO THE WALL.**
2. **POSITION AWAY FROM EXCESSIVE MOISTURE OR HEAT SOURCES.**
3. **USE ONLY IN CONJUNCTION WITH Lo-CARBON T-SERIES PRODUCT**

INSTALLING THE WIRELESS FM CONTROLLER

1. Insert a small flat narrow bladed screwdriver into the small slot at the base of the controller, push the release catch in and gently lever upwards to remove the front cover of the controller, pulling the front cover away from the back box (Fig. 1/1a).

Fig. 1

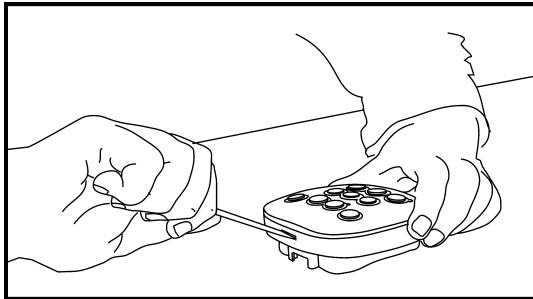
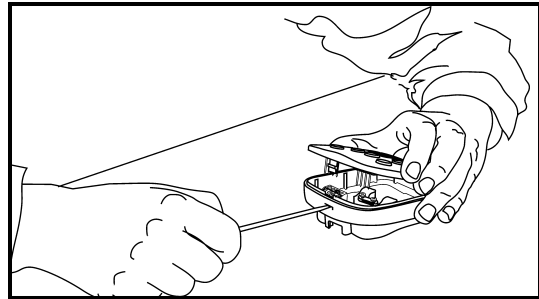
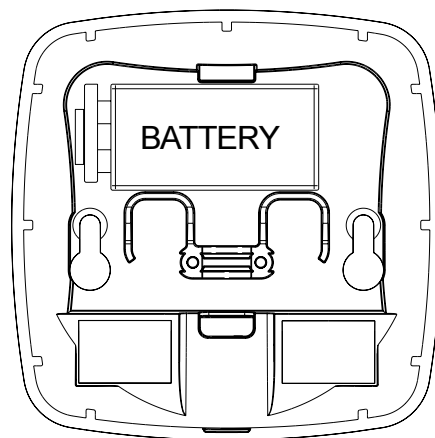


Fig. 1a



2. Mount the back box in the position required using the 2 keyhole slots. The countersinks at the top of the slot provides permanent fixing.
3. Connect the 9-volt battery supplied to the terminal connector attached to the front cover of the controller.
4. Fit the battery into the recess in the back box, Fig. 2, taking care to support the weight of the controller cover.

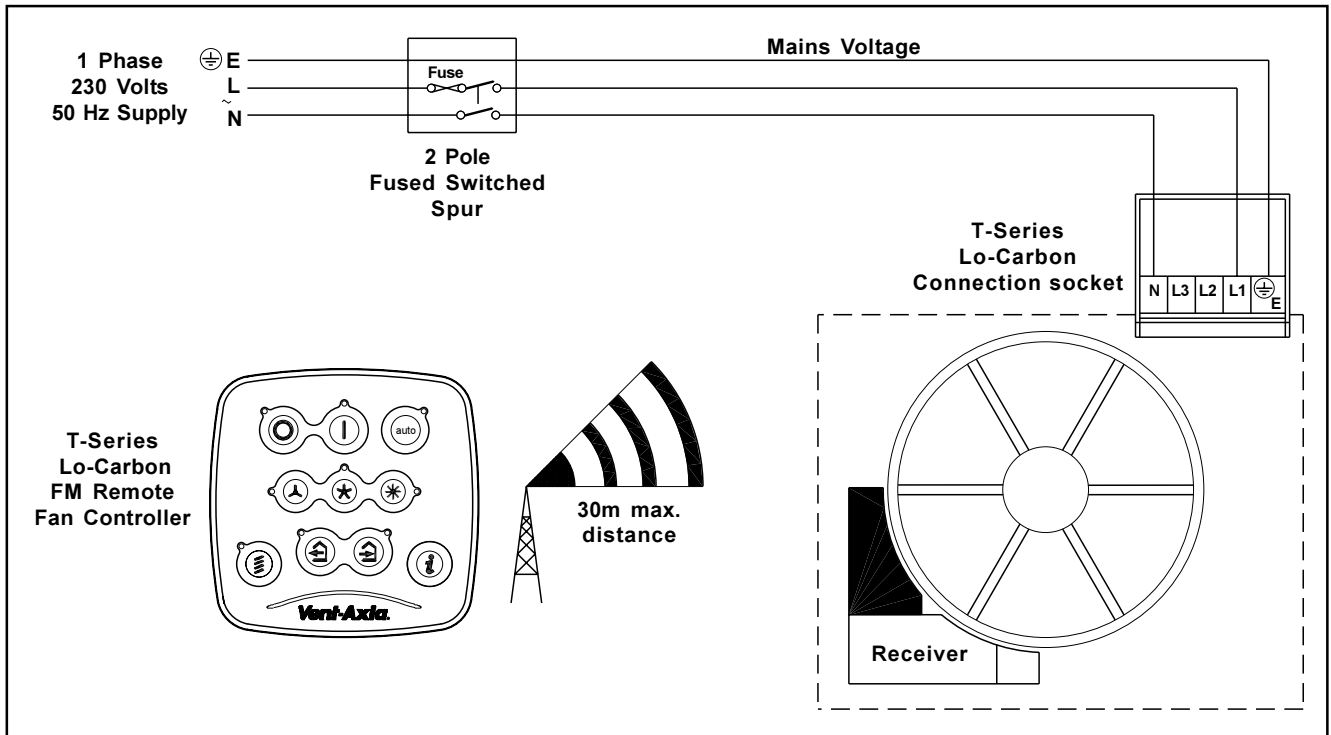
Fig. 2



5. Locate the two clips on the top of the front cover into the two recesses in the back box and push the bottom of the control cover until the locking clip at the bottom locks into position, ensuring not to trap the battery leads.

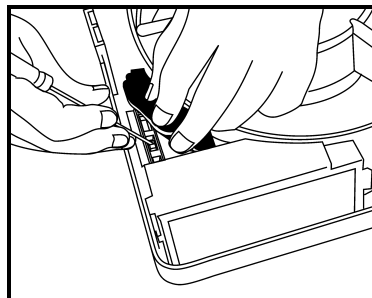
SETTING UP THE FAN WITH WIRELESS FM CONTROLLER

Fig. 3 SINGLE FAN WIRING DIAGRAM



1. Install the fan in accordance with the fan fitting and wiring instructions.
2. Before replacing the fan housing ensure that the three position SET switch on the receiver unit (See Fig. 4.) is set to + for all controller functions, for intake only or for extract only.

Fig. 4




3. LEARN MODE. Move the two position learn switch to a new position (e.g. from A to B or B to A)
4. Complete the fan assembly and fit top connector socket, ENSURING THAT THE POWER SUPPLY REMAINS ISOLATED.
5. Note: The controller transmits a dedicated signal which the fan must learn. Identify button on the controller. Switch on the supply to the fan, then press on the controller within 30 seconds. The shutter will open for a short time then close.
6. Failure to press within 30 seconds of switching the supply onto fan will result in the fan running on its default setting, speed 2 in extract. Dismantle fan and repeat instructions 3 to 5 above.
7. The fan has now been matched to the Speed Controller and will only respond to the controller from which it received the set-up signal.
8. For controlling several fans from 1 controller repeat steps 1 to 3 for each fan if all the fans are set to + they will operate identically. will always operate on extract only and will always operate on intake only.
9. For single direction fans the and buttons on the controller will not function.

USING THE CONTROLLER







Fig. 5







 Fan Off  Fan On  Auto Mode

 Speed 1  Speed 2  Speed 3

 Shutter open (Fan Off)  Extract  Intake  Status

10. To make  or  inoperative, momentarily press the  +  to retain extract or press  +  to retain intake. To re-enable the locked out function repeat step 10 by pressing the buttons required.

Shutter only/Fan Off

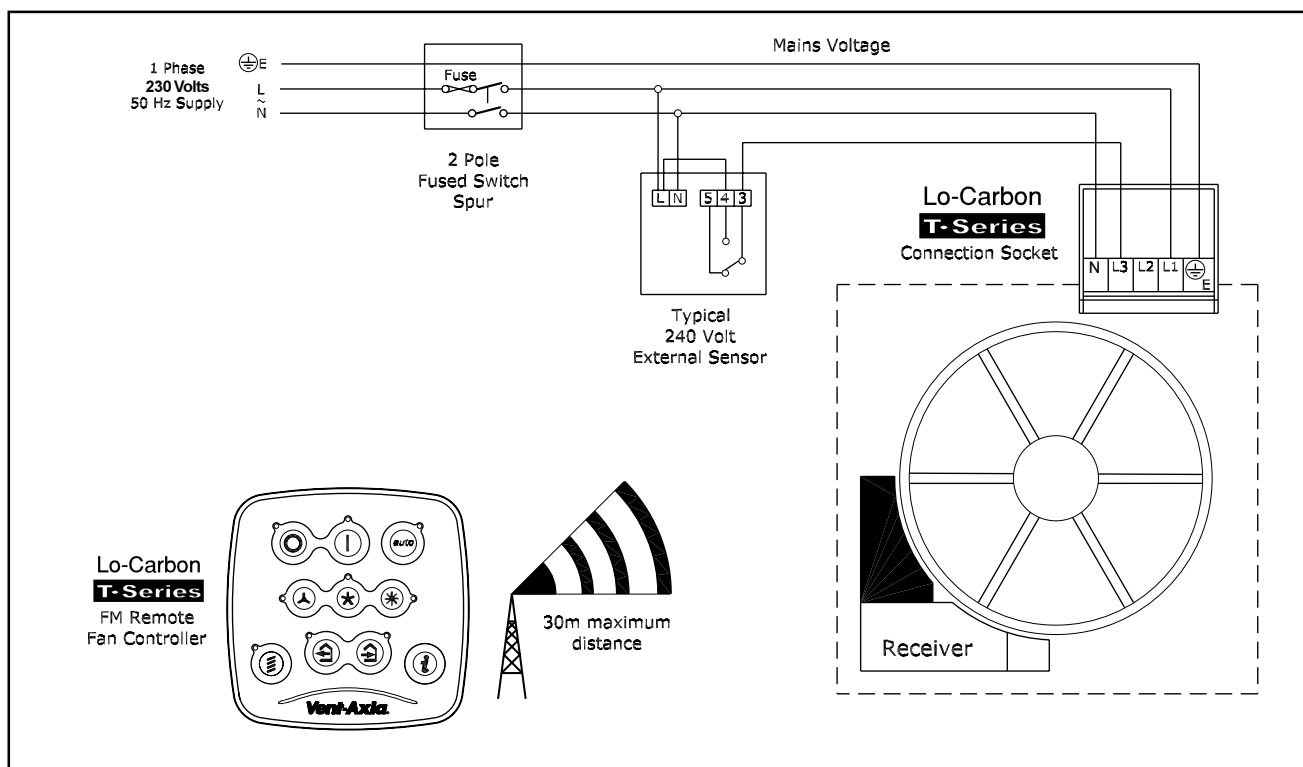
1. Press  button to switch the fan Off.
2. Press the  button for shutter operation only.
3. The L.E.Ds above the  &  buttons will illuminate for 5 seconds to confirm the controller setting.

 **Status.** Press . LEDs illuminate to indicate selected controller settings.

NOTE:

When any combination of L.E.D's flash continuously, replace the 9V battery.
See 'Installing the Wireless Controller', sections 1, 3, 4 & 5.

Fig. 6 WIRING TO THE FAN



1. Wire the sensor as shown in Fig. 6 to the fan.

Enable auto mode

1. To enable auto mode press auto. The L.E.D. to the right of the auto button will illuminate to confirm the instruction has been carried out - the auto function has now been enabled.

Disable auto mode

1. To disable auto mode press I. The L.E.D. will illuminate on the fan's current setting.

For further assistance in the operation or the programming of the 3 speed wireless FM controller contact:

Vent-Axia **Technical Help Desk** or, alternatively, via the Vent-Axia web site on www.vent-axia.com

