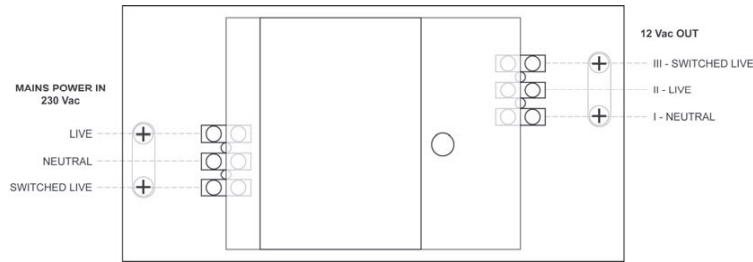


Diagram 5 contd.



Range:

- STF100LV-S** SELV Standard
- STF100LV-PC** SELV Pull-cord switch
- STF100LV-T** SELV Overrun timer
- STF100LV-H** SELV Humidistat and optional overrun timer
- STF100LV-HPC** SELV Humidistat and optional overrun timer and pull-cord switch override

*All of the above are available with integrated backdraught shutters. Add 'BS' to the end of the codes above to specify backdraught shutters.

Operation:

Overrun timer adjustment – models fitted with overrun timers only

Before making any adjustments, isolate the fan from the power supply. Remove the front cover and the inner cover. Locate the 'jumper' on the relevant set of pins to achieve the desired run-on time (see Diagram 5).

Humidity adjustment – humidistat models only

All STF humidistat fans automatically sense a rapid change in humidity and adjust accordingly. The humidity control does not require manual adjustment. Humidistat fans, when energised for the first time, will run and time out as part of the stabilising process.

Performance: 23 l/s at 0 Pa – 28 Pa at 0 l/s

Rating: 230V 50Hz 21.3W IPX4

This product is double insulated and does not require an earth conductor.

Maximum room temperature 40°C.



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To see the range of stylish alternative fascias available for this fan please visit our website

www.domusventilation.co.uk

or ring our Customer Service team on **03443 715523**



Installation Instructions



Sapphire Range

STF100LV SELV Axial Wall Fans

Sapphire

STF100LV SELV Axial Wall Fans

These high quality bathroom and toilet extractor fans are designed to provide effective ventilation. To achieve this, please read these instructions carefully BEFORE installing the fan unit. Failure to comply with these instructions could reduce both the life and performance of the product and may invalidate the warranty.

This product is suitable for use with up to a maximum of 1.5m of ducting.

This fan can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

IMPORTANT NOTE: Before commencing any work read the following instructions carefully and ensure you have the necessary competency to complete the work safely.

WARNING: ISOLATE ELECTRICITY SUPPLY BEFORE STARTING WORK

Installation:

1. Select a suitable wall position for the fan that keeps the duct as short and as straight as possible (ideally within 400mm of the ceiling)
2. Cut a hole in the wall to suit the outside diameter of the ducting or wall-liner. Install the duct or wall-liner taking care to seal at both ends between it and the wall using proprietary waterproof mastic
3. Remove the front cover of the fan by pulling straight off the fan back-plate (Diagram 1)

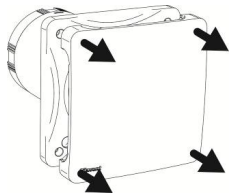


Diagram 1

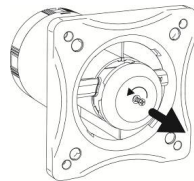


Diagram 2

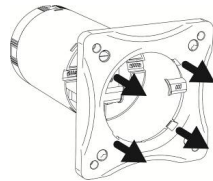


Diagram 3

4. Position the fan in the duct and mark the four retaining screw positions through the backplate. Fit screw anchors suitable for the wall construction
5. Remove the central terminal cover by first removing the central Posidriv® retaining screw (Diagram 2)
6. Unclip and remove the fan wall-mounting plate (Diagram 3)

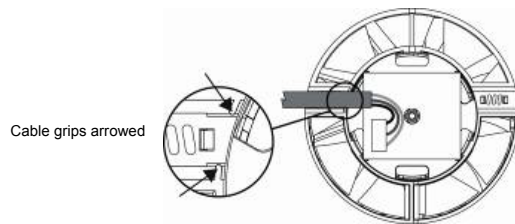


Diagram 4

7. Complete the wiring by following the relevant wiring diagram on the following page (for cable entry detail see Diagram 4)
8. Reassemble using these instructions in reverse

Wiring Instructions:

It is recommended that the fans are connected into the lighting circuit, with double pole isolation (3mm minimum contact separation) provided before the room light switch and suitably fused, in accordance with the latest edition of the IEE Wiring Regulations.

Wall mounted fans for fixed wiring should be connected to the power supply through a cable with solid conductors of 1.0mm² or 1.5mm².

ONLY STF100LV SELV MODELS ARE SUITABLE FOR SHOWER CUBICLES OR ZONES 1 & 2 (IN THIS RANGE)

WARNING: ISOLATE ELECTRICITY SUPPLY BEFORE STARTING WORK

IF IN ANY DOUBT CONSULT A QUALIFIED ELECTRICIAN

SL or T = 230 Vac Switched Live **L** = 230 Vac Permanent Live **N** = Neutral

