

FV100DV

Ventilation & Extraction Fan



Operating Instructions & Safety Guide



General Safety

- Keep children and animals away from air conditioning units. Never leave them alone in a room where the units in use.
- This equipment should only be used by a competent person who has read and understood these instructions.
- Never operate this equipment if you are ill, feeling tired or under the influence of alcohol or drugs.
- Keep the vents clear of all obstructions.
- Never put anything on top of the unit or block the air outlets.
- Make sure equipment is switched off and unplugged after use.
- Never leave switched on or unattended.
- Check condition of equipment before use. If unit is showing signs of damage contact your supplier immediately.

Warnings

- Do not attempt to use this equipment before the following instructions are read and fully understood.
- Do not operate this equipment with missing, damaged, insecure guards or electrical components.
- Ensure equipment is sited on firm level ground.
- Ensure electrical supplies are of adequate capacity.
- Electrical installations must comply to current IEE regulations.
- The user must not undertake any service or repair of equipment.
- Ensure material exhausted through the outlet are deposited safely at ground level into a suitable container.
- Ensure inlet ducting is positioned as to prevent the entry of loose material.

General Installation

- Site the fans on firm level ground, safe from interference.
- Use only heavy duty ducting, on fan applications.
- Keep inlet and outlet duct work as straight as possible for maximum efficiency. Refer to data plate for maximum duct lengths.

- The fans are suitable for ventilation and extraction of NON flammable/explosive fumes and dust loads.

IF IN ANY DOUBT CONCERNING APPLICATION / INSTALLATION CONSULT YOUR SUPPLIER

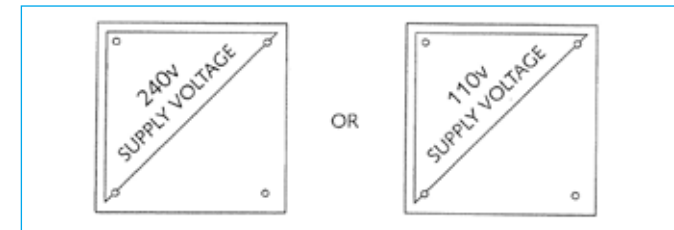
The Model FV100DV is mounted on a tubular steel frame which enables it to be used either in the vertical or horizontal positions.

Electrical Supply

- All electrical installations must comply with current IEE regulations
- It is recommended that electrical supplies are protected by a RCD (residual current devise).

The Model FV100DV is designed to run off either a 240V 1ph 50Hz or 110V 1ph 50Hz electrical supply.

The voltage indicator please mounted on the motor terminal box will show which supply voltage is required i.e. :



ENSURE THAT YOUR SUPPLY VOLTAGE CORRESPONDS WITH THAT INDICATED.

For 240V operation the supply cable supplied may be terminated with a BS1363 approved plug top (Domestic Type) fused at 13 amp.

REFER TO DATA PLATE FOR TECHNICAL SPECIFICATION.

1phase plugs must be wired according to the following colour code.

Brown - Live

Blue - Neutral

Green/Yellow - Earth

IF IN ANY DOUBT ABOUT ELECTRICAL SUPPLIES, CONSULT YOUR SUPPLIER.

Operating Instructions

Connect to a switched electrical supply, switch on and the fan will start.

Please Note: These fans will take 30 Sec. to attain full working speed.