

HPAC 30

Cooling model Only



Operating Instructions & Safety Guide

ANDREWS
AIR CONDITIONING

0800 211 611
andrews-sykes.com

General Safety

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

Electrical Safety

- This unit operates on a 415 volt 5pin 32amp power supply
- The power cable must be a minimum of 6mm² up to a maximum length of 40 meters. All cables over 40 meters will require a larger C.S.A of cable.
- Always inspect plugs and power cables for damage before plugging into power supply.
- DO NOT USE IF ANY DAMAGE IS FOUND.
- If an extension lead is used, ensure it is of the correct standard and fully uncoiled before use.
- Cables must not be laid in wet or damp areas.
- Do not move equipment while operating.

Getting started and operation

Position equipment on level ground.

Position away from any materials that can be drawn into the air intake grill.

Do not use within any zoned or hazardous areas.

Do not position unit inside of any building or temporary structure

Keep at least 1 meter of clearance around the unit and don't restrict the air flow around the chiller

The HPAC 30 unit can only be controlled on outlet Air and not inlet Air

Fig 1
5 pin 32amp 415 volt Appliance inlet plug found on the HPAC 30



Fig 1



Fig 2



Fig 3



Fig 4

Fig 2 :
 Connect the outlet Air Ducting to the top spigot 300mm (12")
 Connect the inlet Air Ducting to the bottom spigot 300mm (12")

Fig 3 :
 When the electrical supply is connected and turned on, the phase rotation must be checked inside the electrical panel. Yellow light indicates correct phase rotation.
 If phase rotation is incorrect then the controller 3CF1 will not light up and the unit will not work

Fig 4:
 Fan Speed Controller Switch. This switch must be turned to max speed when ducting is connected to improve airflow

Fig 5:
 Carel 4 button controller. Cooling is selected through the controller Main isolating switch for power isolation

Fig 6:
 Normal running conditions will have the outlet Air temperature displayed on the controller and the condensing fan motors on top of unit will only run when the unit needs to remove the heat from the condensing coil

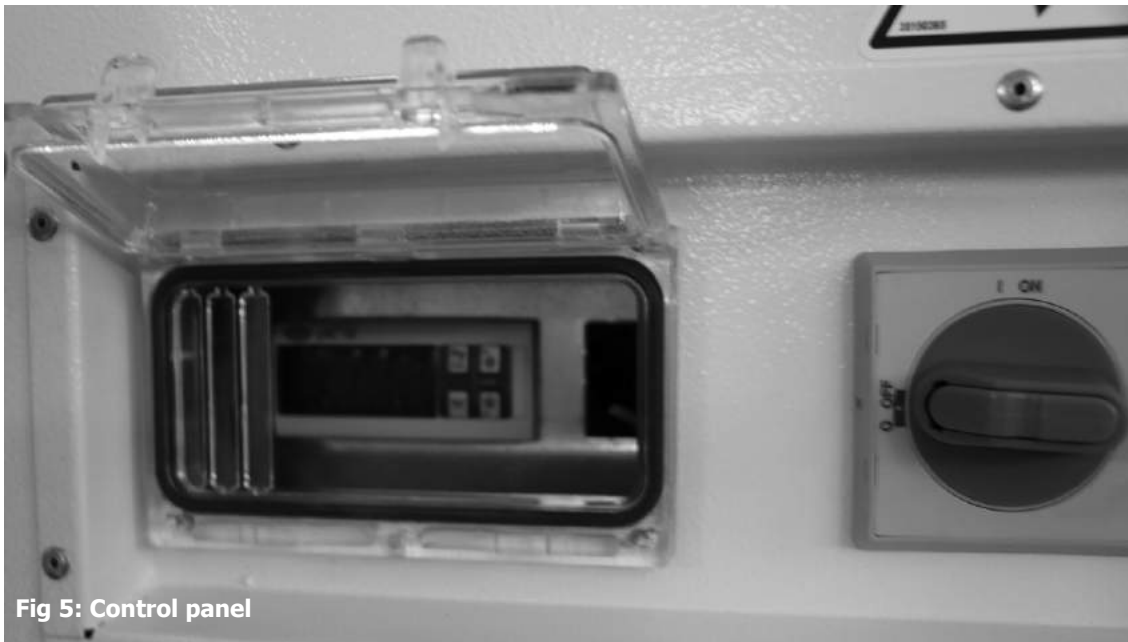


Fig 5: Control panel



Fig 6