Industrial Heaters

Thermostatic Controller for Fan Heaters

- Variable thermostatic control
- Fan on indicator light
- Provides on/off, fan only / fan heater switch
- Surface or recess-mounted
- Rating for single phase supply: 240V @ 50Hz
- Suitable for Xpelair Fans WH50 and WHP30

H = 180, W = 90, D = 78
Surface Mounted
D = 74 Recess Mounted

WH60

- 6 kW industrial fan heater
- Single and three-phase operation
- Wall or ceiling mounting with directional adjustment
- Robust steel casing with die-cast aluminium guards

WHP30

- 3 kW commercial fan heater
- Flame-retardant polycarbonate
- Glass-filled nylon plastic casing
- Double-insulated with two thermal cut-outs
- For suitable thermostatic controller for WH50 and WHP30, see Xpelair HC301 (Order Code 700-4590)

Industrial Wall-Mounted Fan Heaters

WH30

- 3 kW industrial fan heater
- Fast, efficient space heater
- Robust steel casing with die-cast aluminium guards
- Wall mounted with 180° swivel and 45° tilt

WH60

- 6 kW industrial fan heater
- Single and three-phase operation
- Wall or ceiling mounting with directional adjustment
- Robust steel casing with die-cast aluminium guards

WHP30

- 3 kW commercial fan heater
- Flame-retardant polycarbonate
- Glass-filled nylon plastic casing
- Double-insulated with two thermal cut-outs
- For suitable thermostatic controller for WH50 and WHP30, see Xpelair HC301 (Order Code 700-4590)

Air Coolers & Conditioners

Synthetic Bulk Rolls

- Eurovent ratings of EUZ-EU4
- Fire resistant to DIN 54348 F1 or BS 5588 P10
- Thermally-bonded for optimum filtration efficiency

This range of synthetic filter media is available in bulk rolls for economy and to enable the cutting of customised profiles. The synthetic media are manufactured from 100% polyester fibres, thermally bonded for optimum filtration efficiency and to avoid fibre shedding. The range includes disposable filter media and media that can be washed and re-used.

Ventilation Equipment

Power Ventilator

- Heavy-duty power ventilator
- For extraction, cooling and ventilation
- Airflow of 3600 m³/h
- Robust steel construction
- Ducting capability

Designed to be used in environments where fumes, dust or unpleasant smells prevail, this ventilator has the power to extract huge amounts of contaminated air through its heavy-duty, non-collapsible flexible ducting. It can also be used to introduce a constant flow of fresh air, helping even the hottest area to become more comfortable. Typical applications are: welding booths, factories, foun-
dries, laboratories, roof spaces, joinery shops, marquees and ventilation in underground passageways.

Power Ventilator

<table>
<thead>
<tr>
<th>Ventilation Equipment</th>
<th>Power Each</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1+ 3+ 5+ 10+ 25+ 50+</td>
</tr>
<tr>
<td>Order Code</td>
<td></td>
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<tr>
<td>WH30</td>
<td>700-4333</td>
</tr>
<tr>
<td>WH60</td>
<td>700-4357</td>
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<td>WHP30</td>
<td>700-4345</td>
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</table>

Ducting (4.4m)

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Heating, Ventilation & Air Conditioning

Air Coolers & Conditioners

Industrial Heaters

Controllers and Sensors

Ventilation Equipment
Ventilation Equipment - continued

AC Axial Fan

- Reliably and rugged plate fans suitable for industrial application.
- External rotor motor gives good speed control and energy efficiency.
- Sickle blades provide lower sound levels, higher pressure development and improved air flow.
- Insulation class F (unless otherwise stated) motor with maintenance free sealed for life bearings.
- Terminal box protected by IP54.
- Galvanised painted wall plate with full bell-mouth and inlet guard.

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<td>ac: 50/60Hz</td>
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<td>945</td>
<td>49</td>
<td>30 x 186 x 115</td>
<td>1.3kg</td>
<td>G2E108-A01-01</td>
<td>101-1770</td>
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Single Inlet Blowers - AC & DC

- High performance single inlet fans with an external rotor motor offering the advantage of matched motor and impeller in a compact space saving design.
- Motors are IP 44 rated, sealed for life, maintenance free, class B insulation and precision ball bearings.
- Impeller is forward curved multi-vane type ‘force’ fitted for vibration free operation and efficient cooling.
- May be mounted in any position.
- Scroll is made from die-cast aluminium with motor capacitor and terminal block.

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4’ (100mm) In-Line Duct Timer Fan and Ceiling Kit

- Mixed flow in-line duct fan designed to provide a high extract rate over long distances where a high rate of extraction is required. The unit is produced in clean white ABS with detachable mounting foot to allow fast, trouble-free installation.
- Ceiling kit includes inlet, 3m of compressed PVC flexible duct, brown louvered outlet and flaps for conversion to gravity flap outlet.
- Remotely operated electronic overrun timer adjustable from 1 to 25mins, enabling a 15min overrun.
- Exceeds building regulations for bathrooms and toilets.
- Ideal for installation within shower cubicles.
- BSI Kitemarked to BS EN 60335 for electrical safety.
- Three year guarantee.

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- Dial Setting and Tamperproof

Controllers and Sensors

Dial Switch Fans: Includes an integral pull cord for manual operation.
Timer Fans: Remote switch controlled with an integral overrun timer that is adjustable from 1 to 25 minutes. A 15 minute overrun is needed to comply with the Building Regulations for toilets.

Pull Switch Fans

- Ceiling kit includes inlet, 3m of compressed PVC flexible duct, brown louvered outlet and flaps for conversion to gravity flap outlet.
- Remotely operated electronic overrun timer adjustable from 1 to 25mins, enabling a 15min overrun.
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- Dial Setting and Tamperproof

$$\text{4’ (100mm) In-Line Duct Timer Fan and Ceiling Kit}$$

- A range of stylish extractor fans manufactured from tough, yet easily cleaned, high gloss white ABS. The fans are suitable for ducting and accessories. Constructed to EN60335 for electrical safety.
- Exceeds Building Regulations for bathrooms and toilets.
- Window or wall fixing options
- Pull cord, timer and humidistat control options
- IPX4 splash-proof rating
- Fire retardant and UV stabilised materials
- Quick and easy installation
- Insulation class II, double insulated
- 15W power consumption
- Motors fitted with thermal fuses
- Wall Fans: For use with 4’ ducting and accessories.

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H=71, W=71, D=36
H=71, W=71, D=30
A general purpose range of bimetal thermostats suitable for wall or panel mounting.

179-868 and 179-869 have a break on temperature rise single pole contact. They are fitted with accelerator heaters to minimise switching differential and prevent overshoot.

179-870 has a single pole change over contact which can be used to control heating or cooling.

179-873 is an empty housing with terminal block for mounting of sensors. Supplied with comprehensive installation and instruction leaflet.

Operating voltage

240V, 50Hz

- Current rating
- 179-868 and 179-869
- 16A resistive, 4A inductive
- 179-870
- 10A resistive, 4A inductive heating
- 5A resistive, 4A inductive cooling
- Temperature range
- 179-868/9= +5°C to +30°C
- 179-870
- 179-873
- Housing
- Cream coloured Thermoplastic to IP30
- Interface suppression
- Complies with VDE0875

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