

<b>Air Coolers &amp; Conditioners</b> .....	<b>2465</b>	<b>Industrial Heaters</b> .....	<b>2465</b>
<b>Controllers and Sensors</b> .....	<b>2466</b>	<b>Ventilation Equipment</b> .....	<b>2465</b>

## 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 WH30 and WHP30

H = 192, W = 90, D = 78  
Surface Mounted  
D = 74 Recess Mounted

214998

Mftrs.	Order Code	1+	5+	10+	25+	50+
List No.	<b>700-4590</b>					
HC301						

### Industrial Wall-Mounted Fan Heaters



#### WH30

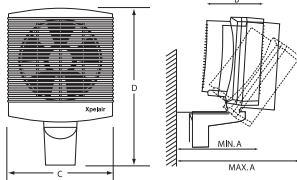
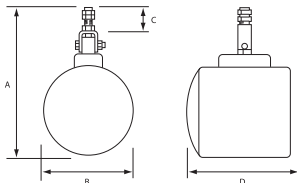
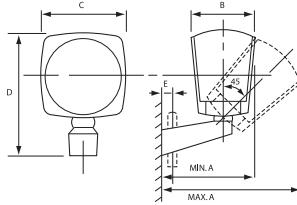
- 3 kW industrial fan heater
- Fast, efficient space heater
- Robust steel casing with die-cast aluminium guards
- Wall mounted with 180° swivel and 45° tilt

#### 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 WH30 and WHP30, see Xpelair HC301 (Order Code 700-4590)



Power kW	Temperature Rise Through Unit °C	Air Movement			Impeller m3/h	Power 240V, 50Hz	Mftrs'	
		RPM	l/s	285			List No.	Order Code
3	26	1250	79	285	203	240V, 50Hz	WH30	700-4333
6	45	1350	86	311	229	415V, three phase 50Hz	WH60	700-4357
3	30	-	83	300	-	240V, 50Hz	WHP30	700-4345
Dimensions		Mftrs'						
A		B	C	D	Weight	List No.	Order Code	
Min. 270, Max. 419		191	254	368	-	25.5kg	WH30	700-4333
429		276	46	327	-	6.5kg	WH60	700-4357
Min. 175, Max. 370		229	267	370	-	2.93kg	WHP30	700-4345

214996/435935

### Price Each

Order Code	1+	5+	10+	25+	50+
700-4333					
700-4357					
700-4345					

## Air Coolers & Conditioners

### Synthetic Bulk Rolls



- Eurovent ratings of **EU2-EU4**
- Fire resistant to **DIN 53438 Pt3** or **BS 5588 P19**
- 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.

Type	Disposable	Washable
Order Code	700-9719	719-3142
Mftrs' List No.	VS711/2000	VS724/2000
W (m)	2	2
L (unrolled) (m)	20	20
D (mm)	20	20
∅ (rolled) (mm)	700	700
Eurovent rating	EU3	EU3
Arrestance	88%	7%
Dust-holding capacity g/m <sup>2</sup>	345	578
Face velocity m/s	1.5	1.5
Initial pressure drop Pa.	41	36
Final pressure drop Pa.	200	400
Fire resistance	<b>Din 53438</b>	<b>Din 53438</b>
Suitable use	<b>Pt3 F1</b> HVAC	<b>Pt3 F1</b> HVAC

hva68/215029

Order Code	1+	3+	5+	10+
EU3 Disposable	<b>700-9719</b>			
EU3 Washable	<b>719-3142</b>			

## Ventilation Equipment

### Power Ventilator



- Heavy-duty power ventilator
- For extraction, cooling and ventilation
- Airflow of 3600 m<sup>3</sup>/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, foundries, laboratories, roof spaces, joinery shops, marquees and ventilation in underground passageways.

Ventilation	Duct
H	L
W	∅
D	W
Weight	Order Code
Voltage	702-5531
Power	
Airflow m <sup>3</sup> /h	
Order Code	

215048

Order Code	1+	3+	5+	10+	20+
Power ventilator	<b>702-5520</b>				
Ducting (4.6m)	<b>702-5531</b>				

# Ventilation Equipment - continued

## AC Axial Fan



- Reliable 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 IP 54
- Galvanised painted wall plate with full bell-mouth and inlet guard

Voltage	Power Input	Air Flow	Noise	Dimensions	Weight	Mftrs. List No.	Order Code
ac, 50/60Hz	47W	945m <sup>3</sup> /h	44	370 x x 49	3.4kg	W4S250-DI02-06*	101-1725
230V ac, 50/60Hz	120W	2441m <sup>3</sup> /h	49	430 x x 62	7.3kg	W4E315-DP18-38	101-1726
230V ac, 50/60Hz	180W	3110m <sup>3</sup> /h	54	485 x x 68	6.8kg	W4E350-DP06-39	101-1727
230V ac, 50/60Hz	300W	5000m <sup>3</sup> /h	61	540 x x 86	7.3kg	W4E400-DS02-38	101-1729
230V ac, 50/60Hz	470W	6732m <sup>3</sup> /h	61	576 x x 86	9.6kg	W4E450-DV01-38	101-1731

Note: \* Denotes Class B Motor

416707

Mftrs. List No.	Order Code	1+	2+	5+
W4S250-DI02-06	101-1725	●		
W4E315-DP18-38	101-1726	●		
W4E350-DP06-39	101-1727	●		
W4E400-DS02-38	101-1729	●		
W4E450-DV01-38	101-1731	●		

## 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
- Scroll is made from die-cast aluminium with motor capacitor and terminal block

Voltage	Power Input	Air Flow	Dimensions	Weight	List No.	Order Code
230V ac	41W	155	159 x 168 x 115mm	1.3kg	G2E108-AA01-50	101-1719
230V ac	80W	255	178 x 184 x 115mm	1.8kg	G2E120-AR77-A6	101-1720
230VAC	180W	1030	296 x 332 x 183mm	6.1kg	G4E180GS1101M00	178-1414
230V ac	120W	385	226 x 261 x 130mm	3kg	G2E140-AB17-50	178-1408
230VAC	160W	485	226 x 247 x 130mm	3.4kg	G2E140-AI28-A5	178-1409
240V ac	240W	600	226 x 247.5 x 130mm	2.9kg	G2E160-AD03-50	101-1721
230VAC	315W	530	261 x 294 x 125mm	5.4kg	G2E180AA0301M00	178-1410
12VDC	40W	220	174 x 190 x 115mm	2kg	G2G120-AR31-01	178-1413

416698

Mftrs. List No.	Order Code	1+	2+	5+
<b>AC Supply</b>				
G2E108-AA01-50	101-1719	●		
G2E120-AR77-A6	101-1720	●		
G4E180GS1101M00	178-1414	●		
G2E140-AB17-50	178-1408	●		
G2E140-AI28-A5	178-1409	●		
G2E160-AD03-50	101-1721	●		
G2E180AA0301M00	178-1410	●		
<b>DC Supply</b>				
G2G120-AR31-01	178-1413	●		

## 4" (100mm) Axial Extractor Fans



A range of stylish extractor fans manufactured from tough, yet easily cleaned, high gloss white ABS. The fans are suitable for 4" 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.

**Standard Fans:** Single speed fans with remote switch operation.

**Pull 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.

447611.259501

Description	Extraction Rate	Order Code	Price Each	
			1+	5+
<b>Standard Fans</b>				
Wall Fan	94m <sup>3</sup> /hr	126-5801		
<b>Timer Fans</b>				
Wall Fan	94m <sup>3</sup> /hr	126-5795		

## 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

447621.259505

Order Code	1+	5+
126-5808		

Note: extraction figures are not quoted as they vary dependant on the installation

## Controllers and Sensors

### Dial Setting and Tamperproof



179-868/179-870  
H=71, W=71, D=36

179-869/179-873  
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 179-869 179-870
	16A resistive, 4A inductive 10A resistive, 4A inductive heating 5A resistive, 2A inductive cooling
Temperature range	179-868/9 = +5°C to +30°C, 179-870 =
Housing	Cream coloured Thermoplastic to IP30
Interface suppression	Complies with VDE0875

Mftrs. List Nos: 3521 = 179-868 3545 = 179-869 6721 = 179-870 007103554000 = 179-873

212236

Description	Order Code	Price Each		
		1+	10+	50+
Dial adjust with N.O. contact	179-868			
Tamperproof adjust with N.O. contact	179-869			
Dial adjust with C.O. contact	179-870			
Housing only	179-873			