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REFRIGERATION

MOTORS | FANS | BLOWERS

New for 2016

CATERING

EX-STOCK SPARE PARTS



POLE STAR
PRODUCTS LIMITED



POLE STAR
PRODUCTS LIMITED

offers...

- ✓ Technical Advice & Assistance
- ✓ Big Cross Reference Database
- ✓ Next Day Delivery Nationwide
- ✓ Spares - Old & Obsolete Units
- ✓ All Parts Fully Guaranteed

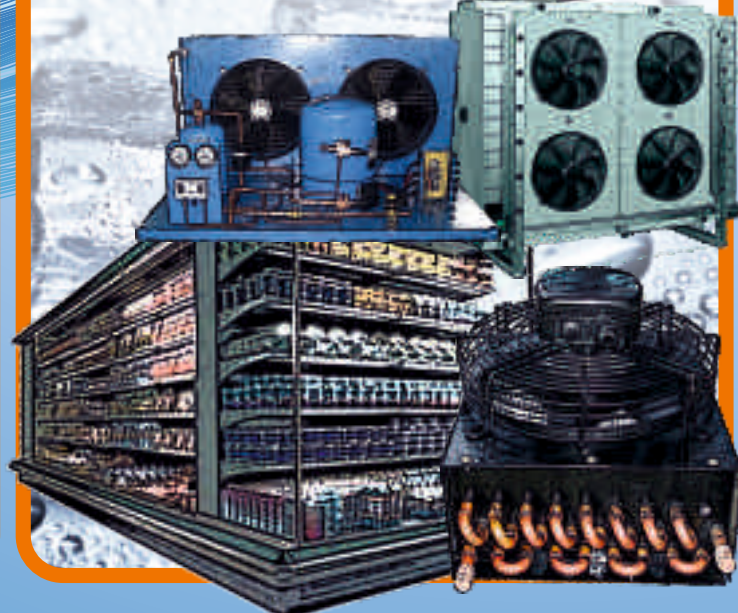
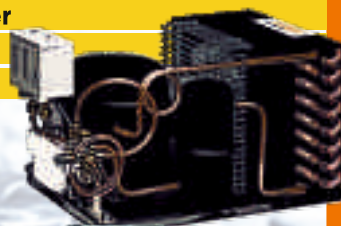


WE CAN HELP IF YOU GIVE US...

- ✓ Make & model of unit
- ✓ Motor or fan part number
- ✓ Description with sizes
- ✓ Photo from your mobile



**01526
399 711**



Multi-Fit Motors

Shaded Pole Fan Duty Multi-Fit Motor
Single Phase Supply 220/240V, 50/60Hz
4 Pole @ 1300RPM, Single Running Speed
Class B Insulation, Enclosure Rating IP42
Ambient Temperature Rating -40 °c to +60 °c
Continuously Rated Air over Motor (CRAOM)
1000mm Double Insulated Three Core Cable
Full Range of Brackets, Guards, Rings & Blades
Anti-Clockwise Shaft End Rotation as Standard

SLEEVE BEARINGS

Fantastic value & quality

OEM refrigeration companies generally fit sleeve bearing motors as standard. They offer acceptable performance and life, and the purchase cost is low.

PSM5W	5W
PSM7W	7W
PSM10W	10W
PSM16W	16W
PSM18W	18W
PSM25W	25W
PSM34W	34W



Full information can be seen on our website or call us for our latest catalogue

BALL BEARINGS

Longer life & higher duty

Ball bearing motors give longer life and higher duties. They will work at any angle or position, take heavier fan blades, and tolerate higher temperatures

PS05BM-1	5W
PS07BM-1	7W
PS10BM-1	10W
PS16BM-1	16W
PS18BM-1	18W
PS25BM-1	25W
PS34BM-1	34W

FREE NEXT DAY DELIVERY *

* Order 10 plus motors

Any mix of models

All Multi-Fit motors are individually boxed, fixing nuts, screws and washers included.



3 x M4 equi-spaced tapped holes on 72mm PCD + 4 x M4 x15mm extended corner bolts on 95mm PCD at shaft end for mounting



3 x M4 equi-spaced tapped holes on 72mm PCD at lead end for mounting, plus cast guides or webs to secure spider brackets



2 x M4 x 9mm long mounting studs on 26mm centres, Side brackets 51mm shaft centre height on pedestal bracket



2 x M4 x 11mm long mounting studs on 18mm centres, Side brackets 48mm shaft centre height on pedestal bracket



Ball bearing motors are packed in strong individual boxes with foam pads to avoid damage in transit and for van stock use



Multi-fit motors supplied with all necessary fixings, including mounting nuts, screws, washers etc. to ensure easy installation

www.psp.uk.com

tel: 01526 399 711 | fax: 01526 399 744 | email: sales@psp.uk.com

Ring & Grid Mounts



Aluminium Parts

Shaded pole motor with aluminium mounting ring and fan blade. The most common configuration, favoured by OEM refrigeration companies due to low cost and well proven performance.



Plastic Parts

Black thermoplastic mounting rings with black or white plastic fan blades for freezer or chiller applications. Superior airflow performance, reduced noise levels and damage resistant.



Square Cut Ring

The square cut aluminium ring allows the fan to be installed in tighter spaces and closer to the panel edges in refrigeration applications; popular in compact supermarket display cases.



Deep Ring Fans

The four mounting arms are longer to position the motor and fan blade further back from the flange. The fan blade tip is behind the mounting ring. Used with punched outlet grilles.



Energy Saving Fans

Low energy EC motors in two power outputs drive fan blades from 154mm to 254mm diameter. They use less than one third the energy of shaded pole motors and generate little heat.



Combined Ring & Guard

This design combines a metal mounting ring with wire guard to shield the fan blade from the motor side. It is used in conjunction with our WPG fan guard for all round protection.



Wire Grid Mount

Coated wire grid mounts motor to refrigeration unit. This arrangement is popular in commercial catering units. Shallow basket shape places the fan blade correctly in the aperture.



Pedestal Mount Fans

Pedestal mounting brackets are straight leg or angle leg (V Form). Motor mounts by two studs, 18mm or 26mm centres. A full range of bracket heights to match all blade diameters are available.



Blade Size	Motor Power
154mm	5W
172mm	5W
172mm	10W
200mm	5W
200mm	10W
230mm	10W
254mm	10W
254mm	16W
300mm	25W

prices include

25%

discount from our list price.

OPEN AN ACCOUNT TODAY - and start saving!

Skeleton or Open Frame Motors

2 Pole (2500RPM)
Class F
Single Speed
Plain Shaft or Fan Hub
24+ models



Liquid Stirrer Motors

2 Pole (2500RPM)
Class F
Single Speed
Stainless Steel Shaft
Waterproof Coil



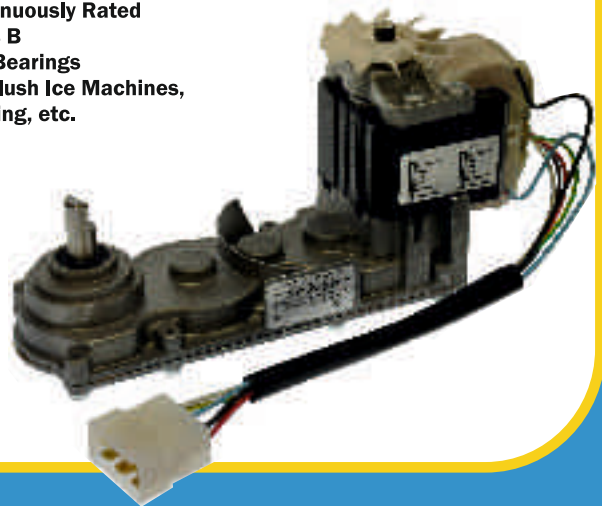
Pedestal Fans

2 Pole (2500RPM)
Class F
Single Speed
Fan Blade Sizes:
88, 130, 154, 165 & 172mm



Gearboxes

Continuously Rated
Class B
Ball Bearings
For Slush Ice Machines,
Vending, etc.



Oven Fans

2 Pole (2100RPM)
Class H
Single Speed
Stainless Steel Blade
150mm Standard



20 Range Motors

4 Pole (1300RPM)
Class B, Single Speed
Fan Blade 96mm
Metal Parts



Cross Flow Blowers or Tangential Fans

Standard Wheel Diameters: 45 & 60mm
Other Diameters: 30, 40, 65 & 133mm
Wheel Lengths: 60mm to 610mm
Single and Double Blowers



33 Range Motors SHADED POLE

2 Pole (2500RPM) & 4 Pole (1300RPM) Models
3W to 40W Output
Plain Shaft or Fan Hub
Replacements for old:

AEI, A.O. Smith
Brook Crompton
Controls Company
Electrohome
GEC Machines
Lemac
Magnatek
Ranco
Redmond
Universal Electric
and others



33 Range Motors CAPACITOR PSC

2 Pole (2500RPM) & 4 Pole (1300RPM) Models
5W to 70W Output
Plain Shaft or Fan Hub
OEM Specials, plus TEFC Long Shaft Stirrers



Mounting Parts & Accessories

Fan Blades: Metal & Plastic
Diameters: 96mm to 510mm
Wire Mounting Grids
Metal & Plastic Rings
Pedestal Brackets
Capacitors
Fan Guards



84 Range Motors CAPACITOR PSC

2 Pole (2500RPM) & 4 Pole (1300RPM) Models
5W to 50W Output
Plain Shaft or Fan Hub
OEM Specials & Direct Equivalents



84 Range Motors SHADED POLE

2 Pole (2500RPM) & 4 Pole (1300RPM) Models
3W to 40W Output
Plain Shaft or Fan Hub
OEM Specials & Equivalents
Fitted Plugs, etc.



Prices shown correct 2016
Net prices, excluding VAT
Subject to review annually
No minimum order or value
Errors & Omissions Excepted



Shipping is £8.50 per parcel - next day delivery
(not guaranteed). Use a timed delivery if urgent.
9am, 10am or noon. Maximum parcel weight 30Kg.
Pallet charge £50 for 2-3 days or £60 next day.
Highlands & Islands - extra cost, slower delivery

Ring Mount Fans

SHADED POLE MOTORS

Blade Diameters: 154, 165, 172, 200, 230, 254 & 300mm
 Pitch Angles: 11°, 18°, 19°, 20°, 22°, 25°, 28°, 31° & 34°
 Metal or Plastic Parts
 Sucking or Blowing Airflow
 Sleeve or Ball Bearings



Ring Mount Fans

EC MOTORS

Blade Diameters: 154, 172, 200, 230, 254 & 300mm
 Pitch Angles: 11°, 18°, 19°, 20°, 22°, 25°, 28°, 31° & 34°
 Metal or Plastic Parts
 Sucking or Blowing Airflow
 EC Motors with Sleeve or Ball Bearings



Compact Axial Cooling Fans

Supply: 12V, 24V, 115V, 240V @ 50/60Hz
 Square Frame Sizes: now from 40, 60, 80, 90, 120, 127 & 180mm
 2 Pole (2700RPM)
 Single Speed
 Class B
 Leads or Pins
 -40°C to +65°C
 Special include:
 Fish Eye
 Bow Tie
 etc.



Grid Mount Fans

SHADED POLE or EC MOTORS

Blade Diameters: 154, 172, 200, 230, 254 & 300mm
 Pitch Angles: 11°, 18°, 19°, 20°, 22°, 25°, 28°, 31° & 34°
 Flat or Basket Grids
 Sucking or Blowing Airflow
 Motors with Sleeve or Ball Bearings



Backward Curved Fans

Fan Sizes: 133, 175, 190, 220, 225, 250, 280, 315 & 355mm
 External Rotor Motor with Plastic or Steel Impeller
 2 Pole (2600RPM) & 4 Pole (1300RPM) Models
 Class B
 Single Speed
 IP54
 -30°C to +60°C
 Ball Bearings



Forward Curved Fans

Fan Diameter: 133mm
 External Rotor Motor with Steel Impeller
 2 Pole (2550RPM)
 Class B
 Single Speed
 IP54
 -30°C to +60°C
 Ball Bearings



Spares For...

Air Conditioners | Blast Coolers | Chillers | Condensers | Bakery Cases | Bar Refrigeration
 Beer Coolers | Beverage Dispensers | Bottle Coolers | Carbonators | Cellar Cooling | Cooker Hoods
 Dehumidifiers | Evaporators | Freezer Units | Fan Coils | Heat Pumps | Ice Machines
 Commercial Ovens | Supermarket Display Cases & Counters | Water Coolers . . .

Guard Mounted Axial Fans



- Single & Three Phase
- 2 Pole @ 2550RPM
- 4 Pole @ 1350RPM
- 6 Pole @ 900RPM

- Terminal Box or Long Cables
- Sucking or Blowing Airflow
- Flat Guard or Basket Guard
- PSC (Capacitor) or EC Motor
- Industry Standard Dimensions

175mm	450mm
200mm	500mm
250mm	550mm
300mm	600mm
315mm	630mm
330mm	710mm
350mm	800mm
380mm	900mm
400mm	
420mm	

*Some models slightly more

Full information can be seen on our website or call us for a catalogue

Pumps

CONDENSATE PUMPS

These condensate pumps are designed to be fitted into the ceiling void, in the AC unit itself within the trunking and below the AC unit. The condensate pumps have a separate submersible reservoir and pump whilst the "kitchen" unit is a complete all in one unit.

- Quiet Running
- Reliable
- Low dbB(A) sound levels
- Ideal for offices & meeting rooms
- EC (energy saving) pumps available

TANK PUMPS

These centrifugal tank pumps are designed to remove condensate water from air conditioners, refrigeration equipment, gas boilers, all kinds of cabinet fan coil ceiling cassettes and de-humidifiers.

- High Flow Rates
- Trouble Free, Centrifugal Pump Technology
- Reliable & Durable
- Easy to Fit
- Low Maintenance
- Ideal for Ducted A/C's & Cassettes

Part No	Max Flow	Max Head	Suction Lift	Sound
CP-1028	12 l/hr	12m	2m	25 dB(A)
CP-1218	12 l/hr	12m	2m	25 dB(A)
CP-12AB	12 l/hr	10m	-	30 dB(A)
CP-30228	15 l/hr	3m	2m	45 dB(A)
CP-50228	50 l/hr	5m	2m	55 dB(A)

CP-1218

CP-1018

CP-12AB

CP-30228\50228



**ACCOUNT HOLDERS
PRICES SHOWN ABOVE**

prices include

25%

discount from our list price.

OPEN AN ACCOUNT TODAY - and start saving!

 <p>BEERMASTER TYPE</p> <p>Suitable motor for Beermaster Range 105FS70</p>	 <p>POPULAR - T2-T6 TYPE</p> <p>Replacement for T2-T6 coolers 15W 33FS15-1</p>	 <p>CARAVELL TYPE</p> <p>Replacement for some Caravell monoblock units 84TM18S-1</p>	 <p>ZANUSSI</p> <p>96mm diameter fridge fan 20TM1S-3</p>	 <p>CONTARDO - G34 TYPE</p> <p>Replacement motor for G34 120FM34S-1</p>	 <p>CONTARDO - G90 TYPE</p> <p>Replacement for G90 & NDF-77 to 190 & NCF-87 to 220 120FS90</p>
 <p>CONTARDO HITEC TYPE</p> <p>HiTec external rotor fan fits onto HC Range (330mm) 3 options available</p>	 <p>CONTARDO HA/SHA SERIES TYPE</p> <p>Fan motor to suit Contardo HA & SHA Coolers (plug) 84FM9S-1</p>	 <p>CRAIG NICOL TYPE</p> <p>Replacement for Craig Nicol Ambassador cases 33FS7-1</p>	 <p>EBAC DEHUMIDIFIER TYPE</p> <p>Fan motor that is suitable for EBAC and other similar dehumidifiers 33FS4-1</p>	 <p>ECO CTE RANGE TYPE</p> <p>A replacement motor which fits Evo CTE models 84FS20-1</p>	 <p>POPULAR - TG TYPE</p> <p>Replacement for T2-T6 coolers 15W 33FS15-1</p>
 <p>ELCO EC FAN</p> <p>Popular energy saving motor hexagon hub ECFM12-2</p>	 <p>FOSTER - BTU/DRP TYPE</p> <p>Alternative motor that fits Foster BTU & DRP units 33TR33S-1</p>	 <p>FRIGA BOHN - MUC TYPE</p> <p>A replacement to fit Friga Bohn MUC mono models 84FM25S-8</p>	 <p>GB SHORT SHAFT TYPE</p> <p>Popular motor for GB cases 33FD-S101</p>	 <p>GB LONG SHAFT TYPE</p> <p>Popular motor for GB cases 33FD-F372</p>	 <p>HUSMANN REPLACEMENT</p> <p>Fan motor to suit Husmann PE5889 84FM9S-1</p>
 <p>POPULAR - CD1-CD6 TYPE</p> <p>Fan designed to fit CD1-CD6 coolers 90W 48FS90-3</p>	 <p>HUSMANN REPLACEMENT</p> <p>Fan motor to suit Husmann PE3607 84FS20-1</p>	 <p>L'UNITE TYPE</p> <p>Popular 18W motor with in-line fixings fits L'unité condensing units 84FS25-3</p>	 <p>PEREGO TYPE</p> <p>Popular replacement mPerego motor 84FM25S-5</p>	 <p>POPULAR AS75/LVS/SR TYPE</p> <p>Popular 18W motor for AS75, LVS70-9-, SR45-240 33FS18-1</p>	 <p>UNIVAP - ACH/ACM/TCH/TCM TYPE</p> <p>34W motor which fits various univap models 84FS34-1</p>
 <p>POPULAR - DSR TYPE</p> <p>Replacement for DSR12-83 33FS25-1</p>	 <p>POPULAR - ECL TYPE</p> <p>Replacement for ECL45-120 48FS90-2</p>	 <p>POPULAR - ECL TYPE</p> <p>Replacement for ECL 250W 60FM250R-1</p>	 <p>PRESTCOLD - D1/D2 TYPE</p> <p>Replacement motor or D1 & D2 48FS180-11PH 48FS180-33PH</p>	 <p>POPULAR - J1-J2/T1/SUZ TYPE</p> <p>Replacement for J1-J2 coolers T1 and SUZ, 7W high speed 33TS7-1</p>	 <p>POPULAR - J3-J4 TYPE</p> <p>Replacement for J3-J4 coolers 33FS15-1</p>
 <p>POPULAR - KM TYPE</p> <p>Popular replacement for KM coolers 63FS200-1 1PH 63FS200-3 3PH</p>	 <p>PRESTCOLD - AS100-300 TYPE</p> <p>Replacement motor for AS100-300 48FS120-11PH 48FS120-33PH</p>	 <p>POPULAR - CH TYPE</p> <p>Suitable alternative for C6H range coolers 90W 120FS90</p>	 <p>POPULAR - K180-360 TYPE</p> <p>Replacement for K coolers 350W, 180-360 range 60FM250R-1</p>	 <p>POPULAR - KS TYPE</p> <p>Highly popular replacement for KS coolers 70W 120FS70</p>	 <p>UCLCD1-CD6 TYPE</p> <p>Replacement for UCL 35-180 33TS35-1</p>

All references to manufacturers names, model or part numbers and any depiction by photographs or drawings are solely for guidance, reference and identification. No connection, endorsement or approval by any manufacturer is either given or implied. The customer is solely responsible for ensuring correct motor suitability in intended application. Errors and omissions excepted.