

Account Postage GB
AC04164090004

2



Delivered by



Return Address: Bardney Airfield | Henry Lane | Bardney | Lincolnshire | LN3 5TJ



STOCK - UK'S LARGEST STOCK OF FRACTIONAL HP MOTORS

KNOWLEDGE - LARGE CROSS REFERENCE DATABASE

SERVICE - NEXT DAY DELIVERY & EASY TO ORDER

ORDERING - NO MINIMUM ORDER VALUE OR QUANTITY

NEW OPENING HOURS 8:00 - 5:30



TEL.: 01526 399711
FAX: 01526 399744
EMAIL: SALES@PSP.UK.COM

BARDNEY AIRFIELD | HENRY LANE | BARDNEY
NR. LINCOLN | LINCOLNSHIRE | LN3 5TJ

BUYING DIRECT
HAS NEVER BEEN
SO EASY!

VISIT OUR WEBSITE: WWW.PSP.UK.COM

FRACTIONAL HORSEPOWER MOTOR

SPARES

WE WON'T BEATEN ON STOCK, PRICE OR SERVICE



FRAC
19

CROSS REFERENCE DATABASE

Our computer database has over 100,000 products listed, as well as many hundreds of manufacturers, makes and models. A cross reference enables us to identify our direct equivalent to ensure that replacements are quick and easy to install. We stock equivalents to motors which are either old, obsolete or imported. Check with our office before you rewind or scrap any old fhp motors.

Here's are some makes of motor which we can match and replace...

AEI, A.O. Smith, Alexmar, Brook Crompton, Elco, EMI, Euro Motors, GEC, General Electric, Lemac, Ma-Vib, Magnatek, Olmo, Ranco, Sisme, Universal Electric, etc.

IDENTIFYING THE OLD MOTOR

All we need to identify the old motor is...

- 1 The motor part number or nameplate details
- 2 The fan part number (if it's fitted into a fan)
- 3 The make and model of the heater, blower, etc.
- 4 A description if you can't see any information
- 5 Some photos from your mobile by SMS or email
- 6 A sample of the old motor sent for us to match

Please note that most other manufacturers, makes and model numbers are already familiar to us. It doesn't usually take our experienced sales team long to identify the old motor over the phone and establish which model from our range is the direct equivalent. Most enquiries to our office made before late afternoon result in the delivery of the correct spare to the customer next day.

Statistics

Pole Star operates from a 30,000 sq ft factory and warehouse near Lincoln. Current stock exceeds £1.8 million with approx 2,500 models of motors and fans. Fractional horsepower motors and fans for most air movement applications are available from stock. Sales representation enables us to regularly visit our customers nationwide. We also offer on-site assistance for larger projects, please ask for more details.



IDENTIFYING THE OLD MOTOR

RESILIENT BASE MOUNTED FAN COIL MOTORS

Motor Power	Motor RPM Options	Shaft diameter available	Mounting centre options	Terminal strip or leads	Number of Speeds	Prices From £
35W	1250	3/8", 1/2"	97, 111, 123, 143mm	Trans. Lead, Term	Up to 7	£ 61.27
55W	1250 / 850	3/8", 1/2"	111, 118, 123, 143mm	Trans. Lead, Term	Up to 7	£ 63.62
75W	1250	7/16", 1/2"	123, 133mm	Leads, Term block	Up to 6	£ 68.97
90W	1250	1/2"	123mm	Flying leads	1	£ 72.54
100W	1250 / 850	1/2"	123mm	Leads, Term block	Up to 6	£ 74.87
125W	1250	1/2"	132mm	Flying leads	Up to 3	£ 91.00
135W	1250	1/2"	123mm	Flying leads	Up to 6	£ 91.31
180W	1250	1/2"	132, 153mm	Leads, Term block	Up to 6	£ 92.97
210W	1250	1/2"	132mm	Flying leads	Up to 3	£ 94.23
370W	1250	1/2"	123, 153mm	Leads, Term block	Up to 5	£ 103.82
420W	1250	1/2"	165mm	Flying leads	Up to 3	£ 118.26
550W	1250	1/2" & 15mm	183mm	Flying leads	Up to 3	£ 134.01
600W	1250	1/2"	197mm	Flying leads	Up to 3	£ 135.78

Other output powers available, above list are the most common performances

Prices are after standard 25% discount, large quantities receive larger discount



APPLICATIONS



FAN CONVECTORS



DOOR CURTAINS



AIR HANDLING UNIT



COMFORT COOLING



A/C UNITS

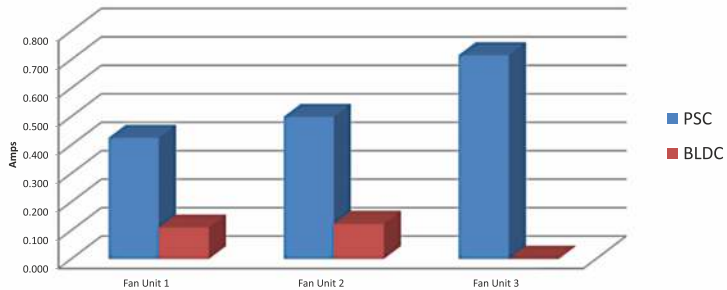


WARM AIR HEATING

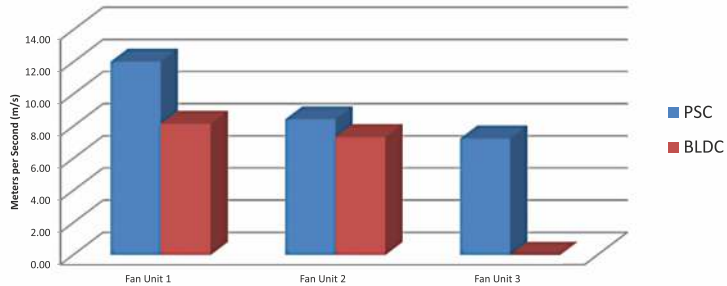
UPGRADE TO EC (ENERGY SAVING)

ANNUAL SAVING OF £15,382.75 (BASED ON 350 UNITS)

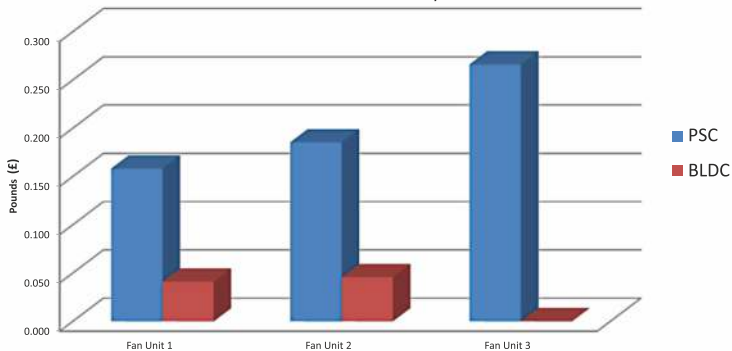
POWER CONSUMPTION



AIR-FLOW DATA



RUNNING COSTS/DAY



POWER

AMPS	PSC	BLDC
Fan Unit 1	0.425	0.110
Fan Unit 2	0.498	0.123
Fan Unit 3	0.715	0.000

AIRFLOW

Air-Flow (m/s)	PSC	BLDC
Fan Unit 1	12.02	8.15
Fan Unit 2	8.43	7.33
Fan Unit 3	7.23	0.00

COST/DAY

Cost (£)	PSC	BLDC
Fan Unit 1	0.158	0.041
Fan Unit 2	0.185	0.046
Fan Unit 3	0.266	0.000

	PSC	BLDC
300 Single Units:	£ 47.43	£ 12.28
50 Double Units:	£ 9.27	£ 2.28
TOTAL DAILY COST:	£ 56.70	£ 14.55

ANNUAL COST (365 days per year):

£ 20,695.14 | £ 5,312.39

RADIAL AND LUG MOUNTED BLOWER MOTORS

Motor Power	Motor RPM Options	Shaft diameter available	Number of Speeds	Prices From £
8W	850	5/16"	1	£ 33.20
12W	850	5/16"	1	£ 33.45
16W	850	5/16"	1	£ 33.57
20W	850	5/16"	1	£ 33.91
25W	1250 / 850	5/16"	1	£ 34.80
35W	1250 / 850	5/16"	1	£ 35.68
50W	1250 / 850	5/16", 1/2"	Up to 3	£ 44.99
75W	1250 / 850	5/16"	1	£ 50.97
90W	850	5/16"	1	£ 63.18
100W	1250	5/16"	1	£ 54.49
125W	850	1/2"	1	£ 95.01
150W	1250	5/16", 1/2"	Up to 3	£ 60.27
185W	850	1/2"	Up to 3	£ 91.09
200W	1250 / 850	1/2"	Up to 3	£ 71.65
245W	850	1/2"	Up to 3	£ 93.96
335W	850	1/2"	1	£ 88.94
370W	1250	1/2"	Up to 3	£ 82.90
550W	1250 / 850	1/2", 5/8"	Up to 3	£ 85.01
735W	850	5/8"	Up to 3	£ 142.40
750W	850	5/8"	1	£ 142.40
1100W	850	5/8"	1	£ 229.29

Prices are after standard 25% trade discount

Other power outputs are available, above list are the most popular sizes

Shaft sleeves available



B56/60 RANGE MOTORS

Motor Power	Phase Supply	Motor RPM	Shaft Diameter	Mounting Options	Prices From £
125W	1PH	1425	1/2"	Res. Base	£ 98.12
185W	1PH	1425	1/2"	Res. Base	£ 106.62
250W	1 & 3PH	1425	5/8"	Res. Base & 4 rad. pads	£ 115.11
370W	1PH	1425	5/8"	Res. Base or foot	£ 136.56
550W	1 & 3PH	1425	5/8"	Res. Base	£ 165.23
750W	1 & 3PH	1425	5/8"	Foot	£ 176.67
990W	1PH	920	5/8"	3 radial pads	£ 147.07

Prices are after standard 25% trade discount

OTHER OPTIONS INCLUDE:

DRIP PROOF

SPLIT PHASE

KEYWAYS

REVERSIBLE ROTATION

CAP START CAP RUN

CAP START IND. RUN

FAN COOLED



60FM250R-1



60SM990R



60FM250R-1

ACCESSORIES



FAN BLADES

Sizes - 96 - 510mm
Prices from - £3.77



SINGLE INLET WHEELS

Diameters - 96 - 238mm
Lengths - 50 - 110mm
Prices from - £7.81



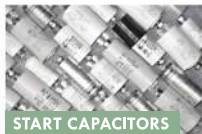
DOUBLE INLET WHEELS

Diameters - 96 - 330mm
Lengths - 100 - 321mm
Prices from - £11.22



START & RUN CAPACITORS

Sizes - 1 - 100MFD
Prices from - £1.62



START CAPACITORS

Sizes - 53 - 259MFD
Prices from - £3.68



THERMOSTATS

Variety of thermostats
Prices from - £25.53



SWITCHES

Options - rotary/rocker, 2/3 & off
Prices from - £5.76



TRANSFORMERS

Variety of thermostats
Prices from - £19.15



COUPLING

Spring coupling
Prices from - £19.23



SPEED CONTROLLERS

Sizes - 1.5 - 5Amp boxed and front only
Prices from - £15.30



DIRECT DRIVE CENTRIFUGAL BLOWERS

1PH & 3PH Phase Supply

Flange or foot mounting



Model Size	Phase Supply	Outlet Size	Run Speed	Number of Speeds	Prices From £
7/5	1PH	168x208	850/1250	1 to 3	£ 126.39
7/7	1PH	232x208	850/1250	1 to 3	£ 130.90
9/7	1PH	232x262	850/1250	1 to 3	£ 146.16
9/9	1PH	298x262	850/1250	1 to 3	£ 154.26
10/8	1PH	265x289	850/1250	1 to 3	£ 191.45
10/10	1PH	331x289	850/1250	1 to 3	£ 217.61
12/9	1PH & 3PH	309x342	950/1250	1 to 3	£ 259.09
12/12	1PH & 3PH	395x342	950/1250	1 to 3	£ 263.82
15/15	3PH	474x400	850	1	£ 611.26
18/18	3PH	557x298	700/965	1	TBC

Prices after standard 25% discount

NEW & REFURBISHED FAN DECKS

Available in single or three phase, PSC or EC



POD TRAY FAN DECK

Prices from - £165.80

Available in EC



SINGLE FAN DECK

Prices from - £167.44

Available in EC



DOUBLE FAN DECK

Prices from - £235.67

Available in EC



TREBLE FAN DECK

Prices from - £383.82

Available in EC



TREBLE FAN DECK (TWO MOTORS)

Prices from - £395.46

Available in EC



QUAD FAN DECK (TWO MOTORS)

Prices from - £481.21

Available in EC

Refurbishment fan deck services also available.