

ebmpapst



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07 Fans, Blades & Motors

Multi-Fit Motors



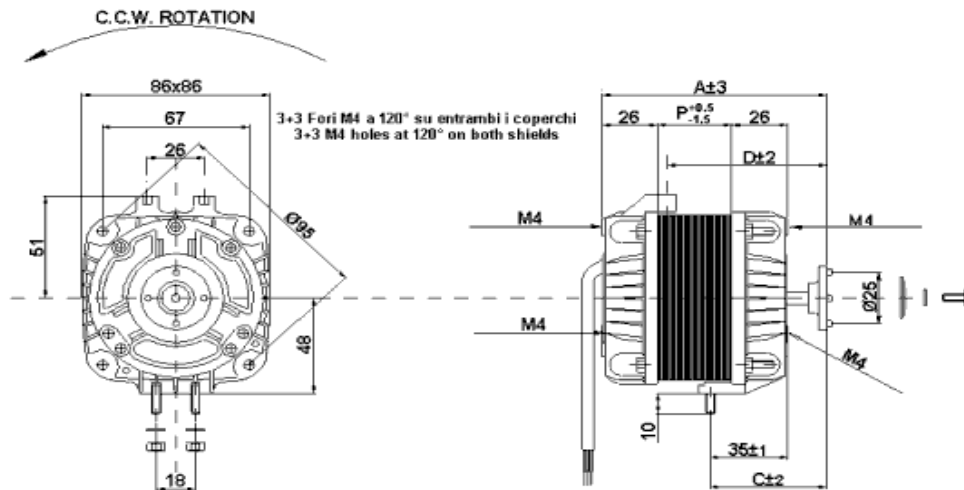
A universal multi fit fan motor with fixings to suit nearly all applications.

These motors are particularly suited to refrigeration and ventilation applications and can be fitted to rings, guards, stirrup brackets or flanges. With a standard 25mm speed disc for blade attachment. Produces a CCW rotation when viewed at shaft end toward motor body.

Operating temperature range: -30 to +43°C

Features: Top & bottom stud fixings at 18mm & 26mm. Front & rear M4 tapped holes. Stack bolts for attaching to ring mounts. 3-core 300mm lead. supplied with fitted 2-core cable

Part N°	Description	Wattage	Dimensions (mm)				List Price £
			A	C	D	P	
MOTOR FM5 MFIT (P)	Individually Boxed w/ fixings	5W	81	51	51	12.7	9.76
MOTOR FM5 MULTIFIT	Packaging to suit production runs	5W	81	51	51	12.7	7.76
MOTOR FM7 MFIT (P)	Individually Boxed w/ fixings	7W	88	51	58	19.1	10.23
MOTOR FM10MFIT (P)	Individually Boxed w/ fixings	10W	88	51	58	19.1	10.90
MOTOR FM10 MULTIFIT	Packaging to suit production runs	10W	88	51	58	19.1	9.18
MOTOR FM16MFIT (P)	Individually Boxed w/ fixings	16W	97	55	67	25.4	12.13
MOTOR FM18MFIT (P)	Individually Boxed w/ fixings	18W	97	55	67	25.4	13.76
MOTOR FM20 MULTIFIT	Packaging to suit production runs	20W	105	56	75	31.8	11.87
MOTOR FM25 MFIT (P)	Individually Boxed w/ fixings	25W	118	69	88	31.8	15.40
MOTOR FM25 MULTIFIT	Packaging to suit production runs	25W	118	69	88	31.8	13.82
MOTOR FM34 MFIT (P)	Individually Boxed w/ fixings	34W	118	63	88	38.1	18.47
MOTOR FM34 MULTIFIT	Packaging to suit production runs	34W	118	63	88	38.1	18.28



Our range of aluminium and plastic fan blades to suit our range of multi fit motors. Available in a variety of diameters and pitches to suit most refrigeration applications. Sucking or blowing as indicated when fitted to a CCW motor.



Sucker: Air flow Blade to Motor
Blower: Air flow motor to Blade

Part N°	Description				List
	Diameter	Pitch	Flow	Material	Price £
FAN BLADE D.170-26P	170mmØ	26° Pitch	Sucker	Plastic	1.60
FAN BLADE D.200-26P	200mmØ	26° Pitch	Sucker	Plastic	2.01
FAN BLADE D.254-24P	254mmØ	24° Pitch	Sucker	Plastic	2.59
FAN BLADE D.254-28P	254mmØ	28° Pitch	Sucker	Plastic	2.46
FAN BLADE D.154-31A	154mmØ	31° Pitch	Sucker	Aluminium	5.00
FAN BLADES D.170-26A	170mmØ	26° Pitch	Sucker	Aluminium	5.00
FAN BLADE 178-31A S	178mmØ	31° Pitch	Sucker	Aluminium	5.00
FAN BLADES D.200-26A	200mmØ	26° Pitch	Sucker	Aluminium	5.00
FAN BLADES D.230-26A	230mmØ	26° Pitch	Sucker	Aluminium	5.00
FAN BLADES D.250-26A	250mmØ	26° Pitch	Sucker	Aluminium	5.00
FAN BLADES D.300-20A	300mmØ	20° Pitch	Sucker	Aluminium	5.00
FAN BLADE D.200-22P	200mmØ	22° Pitch	Blower	Aluminium	5.00

Using the FM series fan motors, these ring mounts offer air volumes from 150 to 1300m³/hr. Air flow is blade to motor.

Ring-Mount Fans



Other options available for special orders. Please contact the sales office for minimum purchase quantities and a bespoke quotation.

Part N°	Motor	Blade	Pitch	Flow	Ring Diameter	List
	Power	Diameter				Price £
A600.5/5W/150/RMA1.5	5 W	150mmØ	26° Pitch	Sucker	200mmØ	16.26
A600.982 5W 154/20	5 W	154mmØ	20° Pitch	Sucker	200mmØ	16.42
A602.5/5W/200/RMA1.5	5 W	200mmØ	26° Pitch	Sucker	246mmØ	16.63
A700.5/7W/154/26RMA	7 W	154mmØ	26° Pitch	Sucker	200mmØ	17.03
A700.5/7W/172/34 RMA	7 W	172mmØ	34° Pitch	Sucker	200mmØ	16.41
A700.5/7W/200/26 RMA	7 W	200mmØ	26° Pitch	Sucker	246mmØ	16.63
A700.9/7W/200/31 SPC	7 W	200mmØ	31° Pitch	Sucker	246mmØ	16.74
A707.5/10W/230/26RMA	10 W	230mmØ	26° Pitch	Sucker	276mmØ	18.55
A707.961 10W 200/34	10 W	200mmØ	34° Pitch	Sucker	246mmØ	18.99

Part N°	Description	List
		Price £
A602.963 RING ASSY	246mmØ Ring only	7.68



Fan Brackets

Part N°	Description	List
		Price £
BRACKET 1661.002	Olmo motor bracket to suit Multifit Series. 56mm high	0.68
BRACKET 1661.005	Olmo motor bracket to suit Multifit Series. 75mm high	0.68

07 Fans, Blades & Motors

Axial Fans

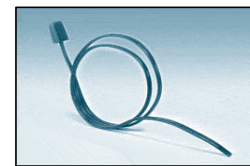


Square frame axial fan motors in a choice of sizes and speeds offering airflows from 19 to 115 cfm. Many other variations are available with optional sleeve bearings, lead lengths or terminal pin connections, contact sales office for full details.

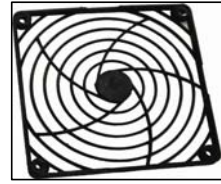
Part N°	Depth (mm)	Voltage	Speed	Bearings	Flow Rate		List Price £
					CFM/ (m ³ /min)	Leads (mm)	
Axial - 80 x 80 mm							
FA8025-24HBW	25	240Vac	High	Ball	29 (0.83)	300	19.70
FA8038-24LSW 760MM	38	240Vac	Low	Sleeve	19 (0.55)	760	15.00
FA8038-24HSW 660MM	38	240Vac	High	Sleeve	24 (0.68)	660	15.00
FA8038-24LBW 660MM	38	240Vac	Low	Ball	19 (0.55)	660	15.00
FA8038-24HBW 660MM	38	240Vac	High	Ball	24 (0.68)	660	15.00
Axial - 92 x 92mm							
FA9225-24HBW	25	240Vac	High	Ball	31 (0.87)	300	15.00
FA9238-24HBW	38	240Vac	High	Ball	42 (1.19)	300	14.00
Axial - 120 x 120 mm							
FA1225-24HB(TERM)	25	240Vac	High	Ball	92 (2.60)	Terminal	15.50
FA1225-24HBW 660MM	25	240Vac	High	Ball	92 (2.60)	660	16.00
FA1225-24LBW	25	240Vac	Low	Ball	50 (1.42)	300	14.00
FA1225-24MBW	25	240Vac	Medium	Ball	55 (1.56)	300	15.00
DP201AT-2122HBT.GN	25	240Vac	High	Ball	66 (1.87)	Terminal	16.35
FA1238-11HSW (110V)	38	110Vac	High	Sleeve	92 (2.60)	300	15.00
FA1238-24HB(TERM)	38	240Vac	High	Ball	92 (2.60)	Terminal	15.00
FA1238-24HSW 760MM	38	240Vac	High	Sleeve	92 (2.60)	760	15.00
FA1238-24LBW 660MM	38	240Vac	Low	Ball	74 (2.10)	660	15.00
FA1238-24LS 660MM	38	240Vac	Low	Sleeve	74 (2.10)	660	15.00
FA1238-24MBW 760MM	38	240Vac	Medium	Ball	55 (1.56)	760	15.00
DP200A-2123XBL.GN	38	240Vac	Xtra High	Ball	97 (2.75)	310	15.00
DP201A-2123HBL-760	38	240Vac	High	Ball	87 (2.46)	760	15.00
DP200A-2123XBL.GN	38	240Vac	Xtra High	Ball	97 (2.75)	310	15.00
DP200A-2123XBT	38	240Vac	Xtra High	Ball	97 (2.75)	Terminal	16.00
Axial - 127 x 127 mm							
FA1338-24HBW	38	240Vac	High	Ball	115 (3.25)	300	15.00

3 meter fan lead with moulded plug. For use with axial fans with terminal connections.

Sold individually



Part N°	Description	List Price £
C180-3 METRE	Hawco/Fana fan power cord. 180 degree type. 3m long.	1.12



Part N°	To Suit	Fixing	Material	List Price £
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80 x 80 mm Guard

FG80-5	80 x 80mm	Screw-On	Metal	2.20
FG80P-2	80 x 80mm	Push-On	Plastic	1.40
FG80S HA	80 x 80mm	Screw-On	Plastic	1.40

92 x 92 mm Guard

FG92-5	92 x 92mm	Screw-On	Metal	2.60
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120 x 120 mm Guard

FG120P	120 x 120mm	Push-On	Plastic	1.50
FG120S	120 x 120mm	Screw-On	Plastic	2.00
FG120-17	120 x 120mm	Screw-On	Metal	2.50

127 x 127 mm Guard

FG127	127 x 127mm	Screw-On	Metal	3.02
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Accessories for the compact axial fan range. Fast assembly rivets to reduce installation time and the elastic rivets devised to neutralise noise and vibration between the fan and cabinet.

Part N°	Description	List Price £
EAR4401N	Pack of 400 elastic rivets for axial fans	30.00
FAR175TSY	Pack of 400 fixing rivets for axial fans	30.00

Axial fan Rivets

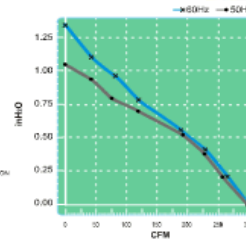
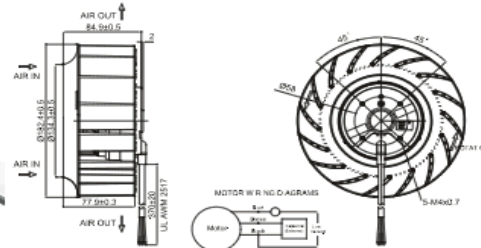


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Axial Fans



New



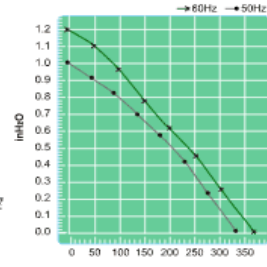
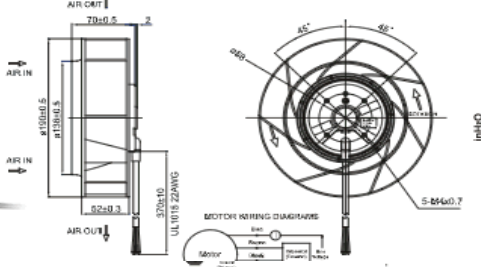
Thermal Protection

Lead Wire Type



Part N°	Voltage/ Frequency (V/Hz)	Input Power (W)	Rated Current A	Locked Current A	Speed RPM	Max. air Flow CFM	Max. Pressure mmH ₂ O	Max. Pressure InchH ₂ O	Capacitor uF/UDB	List Price £
UF180APA	230/50Hz	70	0.3	0.41	2300	8.5	25	1	2/450	39.16

New



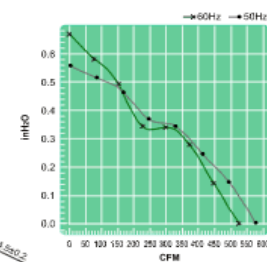
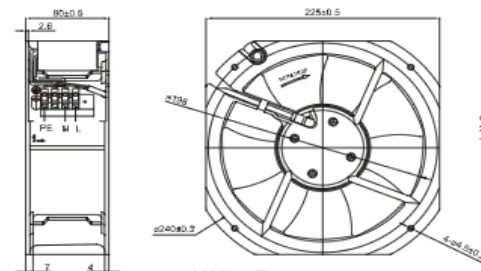
Thermal Protection

Lead Wire Type



Part N°	Voltage/ Frequency (V/Hz)	Input Power (W)	Rated Current A	Locked Current A	Speed RPM	Max. air Flow CFM	Max. Pressure mmH ₂ O	Max. Pressure InchH ₂ O	Noise dB	Weight kg	List Price £
UF190APA	230/50Hz	57	0.23	0.43	2500	335	25	1	60	1.2	32.74

New



Thermal Protection

Lead Wire Type



Part N°	Voltage/ Frequency (V/Hz)	Input Power (W)	Rated Current A	Locked Current A	Speed RPM	Max. air Flow CFM	Max. Pressure mmH ₂ O	Max. Pressure InchH ₂ O	Noise dB	Weight kg	List Price £
UF200BMB	230/50Hz	64	0.29	0.5	2550	530	17	0.67	59	2.1	55.32

Please contact the sales office for availability and minimum sales quantity.

A range of single impeller tangential fan assemblies. Many options and variations are available, please contact the sales office to discuss in detail.



Part N°	Description	OA Length	List Price £
TGA601-120/20	23 Watt 60mm x 120mm impeller	148mm	20.14
TGA601-180/15	16 Watt 60mm x 180mm impeller	238mm	20.14
TGA601-180/20	27 Watt 60mm x 180mm impeller	248mm	21.38
TGA601-180/30	31 Watt 60mm x 180mm impeller	258mm	22.57
TGA601-240/30	34 Watt 60mm x 240mm impeller	318mm	31.50
TGA601-270/20	19 Watt 60mm x 270mm impeller	338mm	32.47
TGA601-270/30	39 Watt 60mm x 270mm impeller	348mm	33.12
TGA601-300/20	19 Watt 60mm x 300mm impeller	368mm	32.91
TGA601-300/30	39 Watt 60mm x 300mm impeller	378mm	33.17
TGA601-360/30	37 Watt 60mm x 360mm impeller	438mm	34.84

Tangential fan assemblies are specified as follows:

TG – series

A- Anti-clockwise rotation viewed on shaft (Non-motor end)

- 60- 60mm dia impeller
- 1- Housing type
- 120- Length of impeller
- 20- Motor

Specifications

- Supply: 220v/50hz
- Insulation: Class B
- Connection: 6.3mm x 0.8mm (DIN46247)
- Cosntruction: VDE

Hot Cupboard Fans



Air flow 200 m³/h
 Speed 2000 rpm
 Voltage 230 Vac
 Power consumption 32 W
 Weight 1.0 kg
 Max impellar temp. 550°C
 Stainless Steel Blade



Low-cost Hot cupboard fan

Voltage 230Vac/50/60Hz
 Power consumption 35 W

Ambient Temp range
 Motor: -10 °C to +60 °C

Model	Description	List Price £
R2K-150-AC01-15	EBM Hot air fan. 152mm diameter blade, 98.5mm deep (19mm deep blade only)	29.40
VF150/20	Emmevi hot cupboard fan. Motor operates to +60°C	25.20

For appropriate heater assemblies see section 9. Catering spares page 195.

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