

Axair Fans offer the widest range of industrial fans available from a single source, operating as the exclusive UK distributor for seven international fan manufacturers. It is our policy to supply fans, ventilation equipment and accessories to commercial and industrial clients. By continually monitoring, developing and improving our own procedures, resources and staff training, we will provide consistently high quality products, service and technical support to our clients. Many products ranges within the Axair portfolio are available from stock within our 12000m³ warehouse, or on short lead times.

Our extensive range of climate control solutions for cabinets and enclosures effectively controls air movement and heat dissipation within electrical panels.

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■ Denotes a non stocked line - Contact us for lead times



Axair Fans provides full climate control solutions for effective enclosure cooling inside the enclosure or cabinet. Effective thermal management is essential for ensuring the reliability of electronic components within an enclosure. Our enclosure ventilation accessories will meet your needs for safe and reliable temperature control and prevent the premature failure of equipment within an electrical cabinet.

Contact us for more information on 01782 349430, sales@axair-fans.co.uk or visit www.axair-fans.co.uk.

PLASTIC ROOF EXHAUST UNIT
IP24/44/54/55.
Also in metal version

PRESSURE COMPENSATION DEVICE
PG29 Fixing System Ø37mm
IP55

FILTER FANS
5 sizes with/without fan.
Optionally IP55 and EMC version

LED LAMP
115/230Va.c. or multi-voltage
12/24/48 Vd.c.
ON/OFF switch or infrared sensor,
screw or magnetic fixing

NO-NC THERMOSTAT
Setting range: -10 to +80°C
°C or °F version

HYGROSTAT
Setting range: 10-90%RH

TWIN THERMOSTAT
Setting range: -10 to +80°C
°C or °F version

COMPACT FANS
a.c./d.c. axial or centrifugal fans,
also in IP55, all metal and HTR version.
Several accessories available

ANTI-CONDENSATION HEATERS
Version with cable, terminal block or ventilated.
Available in plastic (touch proof) or metal version.
5-350W



FPF series are available in a choice of industry standard sizes both with and without fans. They provide protection to IP54 using robust G3 filter media, all fans incorporate ball bearings for optimum performance and working life.

Model	Dimensions	Cut-out	Voltage	Frequency	Rated Power	Max Air Flow	Rated Temp. Range
	mm	mm	(V)	(Hz)	(W)	(m ³ /h)**	(°C)
FPF08KUG-101	105x105	92x92	-	-	-	-	-10 ~ +60
FPF08KU115BR-110	105x105	92x92	115 Va.c.	50/60	9/7	23/30	-10 ~ +50
FPF08KU230BR-110	105x105	92x92	230 Va.c.	50/60	10/8	23/30	-10 ~ +50
FPF08KUD24BR-110	105x105	92x92	24 Vd.c.	-	3.6	20	-10 ~ +50
FPF12KUG-100	150x150	124x124	-	-	-	-	-10 ~ +60
FPF12KU24BER-110	150x150	124x124	24 Va.c.	50/60	15/16	57/61	-10 ~ +50
FPF12KU115BER-110	150x150	124x124	115 Va.c.	50/60	20/18	57/61	-10 ~ +50
FPF12KU230BER-110	150x150	124x124	230 Va.c.	50/60	20/19	57/61	-10 ~ +50
FPF12KUD24BR-110	150x150	124x124	24 Vd.c.	-	9.6	60	-10 ~ +50
FPF12KUD48BR-110	150x150	124x124	48 Vd.c.	-	7.7	60	-10 ~ +55
FPF13KUG-100	204x204	177x177	-	-	-	-	-10 ~ +60
FPF13KPU115BER-110	204x204	177x177	115 Va.c.	50/60	20/18	110/120	-10 ~ +50
FPF13KPU230BER-110	204x204	177x177	230 Va.c.	50/60	20/19	110/120	-10 ~ +50
FPF13KPU24BR-110	204x204	177x177	24 Vd.c.	-	9.6	120	-10 ~ +50
FPF13KU115BER-110	204x204	177x177	115 Va.c.	50/60	17/15	120/135	-10 ~ +50
FPF13KU230BER-110	204x204	177x177	230 Va.c.	50/60	17/15	120/135	-10 ~ +50
FPF15KUG-100	250x250	223x223	-	-	-	-	-10 ~ +60
FPF15KPU115BER-110	250x250	223x223	115 Va.c.	50/60	20/18	115/125	-10 ~ +50
FPF15KPU230BER-110	250x250	223x223	230 Va.c.	50/60	20/19	115/125	-10 ~ +50
FPF15KPU12BR-110	250x250	223x223	12 Vd.c.	-	6.6	120	-10 ~ +50
FPF15KPU24BR-110	250x250	223x223	24 Vd.c.	-	9.6	145	-10 ~ +50
FPF15KPU48BR-110	250x250	223x223	48 Vd.c.	-	7.7	145	-10 ~ +55
FPF15KMU115BER-110	250x250	223x223	115 Va.c.	50/60	17/15	130/150	-10 ~ +50
FPF15KMU230BER-110	250x250	223x223	230 Va.c.	50/60	17/15	130/150	-10 ~ +50
FPF15KU115BER-110	250x250	223x223	115 Va.c.	50/60	30/30	240/270	-10 ~ +50
FPF15KU230BER-110	250x250	223x223	230 Va.c.	50/60	29/29	240/270	-10 ~ +50
FPF15KUD24BR-110	250x250	223x223	24 Vd.c.	-	22.8	250	-10 ~ +50
FPF15KUD48BR-110	250x250	223x223	48 Vd.c.	-	17.8	250	-10 ~ +55
FPF15KG U115BER-120	250x250	223x223	115 Va.c.	50/60	50/64	360/400	-10 ~ +55
FPF15KG U230BER-120	250x250	223x223	230 Va.c.	50/60	67/87	360/400	-10 ~ +50
FPF15KG U400TBER-120	250x250	223x223	400 3~	50/60	71/93	360/400	-10 ~ +55
FPF15KUD24BER-120	250x250	223x223	24 Vd.c.	-	59	470	-10 ~ +55
FPF15KUD48BER-120	250x250	223x223	48 Vd.c.	-	59	470	-10 ~ +55
FPF20KUG-100	325x325	291x291	-	-	-	-	-10 ~ +60
FPF20KU115BER-120	325x325	291x291	115 Va.c.	50/60	50/64	520/580	-10 ~ +55
FPF20KU230BER-120	325x325	291x291	230 Va.c.	50/60	67/87	520/580	-10 ~ +50
FPF20KU400TBER-120	325x325	291x291	400 3~	50/60	71/93	520/580	-10 ~ +55
FPF20KG U115BER-120	325x325	291x291	115 Va.c.	50/60	107/143	660/745	-10 ~ +55
FPF20KG U230BER-120	325x325	291x291	230 Va.c.	50/60	114/158	660/745	-10 ~ +55
FPF20KG U400TBER-120	325x325	291x291	400 3~	50/60	105/105	650/730	-10 ~ +55
FPF20KG U115BR-110	325x325	291x291	115 Va.c.	50/60	120/135	650/730	-10 ~ +55
FPF20KG U230BR-110	325x325	291x291	230 Va.c.	50/60	140/185	650/730	-10 ~ +55
FPF20KG U400TBR-110	325x325	291x291	400 3~	50/60	93/123	650/730	-10 ~ +55

(**) data with uncertainty of ±15%

Roof Exhaust Units - T Series

A range of powerful, all metal centrifugal fan roof exhaust units for effective heat dissipation within enclosures.



Model	Voltage	Frequency	Rated Power	Max Air Flow
	(V)	(Hz)	(W)	(m ³ /h)**
T19U115B	115 Va.c.	50/60	58/71	550/590
T19U230B	230 Va.c.	50/60	62/78	550/590
T22U115B	115 Va.c.	50/60	130/170	800/850
T22U230B	230 Va.c.	50/60	125/161	800/850

(**) data with uncertainty of ±15%

Roof Exhaust Units - TP Series

A range of plastic centrifugal fan roof exhaust units design to extract warm air out from the top of an enclosure.



Model	Voltage	Frequency	Rated Power	Max Air Flow	Protection Degree
	(V)	(Hz)	(W)	(m ³ /h)**	IP
TP19U1	-	-	-	-	IP24
TP19U541	-	-	-	-	IP54
TP19U551	-	-	-	-	IP55
TP19U115B	115 V a.c.	50/60	62/75	500/575	IP24
TP19U115B1	115 V a.c.	60	97	575	IP24
TP19U115B441	115 V a.c.	60	97	560	IP44
TP19U115B54	115 V a.c.	50/60	66/74	420/490	IP54
TP19U115B541	115 V a.c.	60	97	490	IP54
TP19U115B55	115 V a.c.	50/60	66/74	420/490	IP55
TP19U115B551	115 V a.c.	60	97	490	IP55
TP19U230B	230 V a.c.	50/60	67/83	500/575	IP24
TP19U230B1	230 V a.c.	50/60	70/81	500/575	IP24
TP19U230B44	230 V a.c.	50/60	69/81	485/560	IP44
TP19U230B441	230 V a.c.	50/60	70/81	485/560	IP44
TP19U230B54	230 V a.c.	50/60	70/83	420/490	IP54
TP19U230B541	230 V a.c.	50/60	70/81	420/490	IP54
TP19U230B55	230 V a.c.	50/60	70/83	420/490	IP55
TP19U230B551	230 V a.c.	50/60	70/81	420/490	IP55

(**) data with uncertainty of ±15%

Multi Directional Fan

Perfect for spot cooling, the multi directional fan can be installed at the required location within the cabinet and manoeuvred to cool specific components and areas.



Model	Dimensions	Voltage	Frequency	Rated Power	Max Air Flow	Rated Temp. Range
	(mm)	(V)	(Hz)	(W)	(m ³ /h)	(°C)
OF-A12B23SWBAQ130	119X119X38	230 V a.c.	50/60	21/21	163/182	-10 ÷ +70

Replacement G3 & G4 Filter Media

Filter media available in boxes of 6pcs in both IP54 (G3) & IP55 (G4) protection.

Model	Description
FOR IP54 VERSION (G3)	
M08FPFK	Fits FPF08/FF08 series Fan Filters
M12FPFK	Fits FPF12/FF12 series Fan Filters
M13FPFK	Fits FPF13/FF13 series Fan Filters
M15FPFK	Fits FPF15/FF15 series Fan Filters
M20FPFK	Fits FPF20/FF20 series Fan Filters
FOR IP55 VERSION (G4)	
M12FPF5K	Fits FPF12/FF12 IP55 series Fan Filters
M13FPF5K	Fits FPF13/FF13 IP55 series Fan Filters
M15FPF5K	Fits FPF15/FF15 IP55 series Fan Filters
M20FPF5K	Fits FPF20/FF20 IP55 series Fan Filters

Plastic Adaptors

Allows a fan filter to sit up to 25mm on the outside of the cabinet leaving more space inside the enclosure.

Model	Description
FPFA12-7035G	Plastic adaptor RAL 7035 for FPF12
FPFA15-7035G	Plastic adaptor RAL 7035 for FPF15
FPFA20-7035G	Plastic adaptor RAL 7035 for FPF20

Stainless Steel Weather Protective Cover

Also available as an economical powder coated RAL7035 Stainless Steel cover.

Model	Description
SSC-08	steel cover for FPF08 and FF08
SSC-12	steel cover for FPF12 and FF12
SSC-13	steel cover for FPF13 and FF13
SSC-15	steel cover for FPF15 and FF15
SSC-20	steel cover for FPF20 and FF20

A4 Internal Document Holder

Model	Description
TPD-A4	A4 Document Holder

Mechanical thermostats and hygrometers for temperature and humidity regulation in electrical enclosures compatible with standard DIN rail application.



Mechanical Thermostats

Model	Rated Voltage	Rated Current	Contact Current carrying capacity	Setting Range	Differential (referred to set point)	Accuracy
	(Va.c.) 50/60Hz	(A)	(A)		(K)	(K)
°C VERSION						
TRT-10A230V-NC	12-60 Vd.c. 110-250 Va.c.	10 (6*)	15	-10 ~ +80 °C	- 3	± 3
TRT-10A230V-NO	12-60 Vd.c. 110-250 Va.c.	10 (6*)	15	-10 ~ +80 °C	+ 4 if A≤5 + 7 if A>5	± 3
°F VERSION						
TRT-10A230V-NCF	12-60 Vd.c. 110-250 Va.c.	10 (6*)	15	+14 ~ +176 °F	- 3	± 3
TRT-10A230V-NOF	12-60 Vd.c. 110-250 Va.c.	10 (6*)	15	+14 ~ +176 °F	+ 4 if A≤5 + 7 if A>5	± 3

NC = open on rise (red) NO = closed on rise (blue)

* () inductive load with cos φ = 0.6

Twin Thermostats

Model	Rated Voltage	Rated Current	Contact Current carrying capacity	Setting Range	Differential (referred to set point)	Accuracy
	(Va.c.) 50/60Hz	(A)	(A)		(K)	(K)
°C VERSION						
TRT2-10A230V-NCNC	12-60 Vd.c. 110-250 Va.c.	10+10	15+15	-10 ~ +80 °C	- 3	± 3
TRT2-10A230V-NCNO	12-60 Vd.c. 110-250 Va.c.	10+10	15+15	-10 ~ +80 °C	-3 (NC) / +4 if A≤5 +7 if A>5 (NO)	± 3
TRT2-10A230V-NONO	12-60 Vd.c. 110-250 Va.c.	10+10	15+15	-10 ~ +80 °C	+4 if A≤5 +7 if A>5 (NO)	± 3
°F VERSION						
TRT2-10A230V-NCNCF	12-60 Vd.c. 110-250 Va.c.	10+10	15+15	+14 ~ +176 °F	- 3	± 3
TRT2-10A230V-NCNOF	12-60 Vd.c. 110-250 Va.c.	10+10	15+15	+14 ~ +176 °F	-3 (NC) / +4 if A≤5 +7 if A>5 (NO)	± 3
TRT2-10A230V-NONOF	12-60 Vd.c. 110-250 Va.c.	10+10	15+15	+14 ~ +176 °F	+4 if A≤5 +7 if A>5 (NO)	± 3

NC = open on rise (red) NO = closed on rise (blue)

Flash Device

Alerts the operator to live voltages within the cabinet and electrical systems using three flashing red lights.

Model	Rated Voltage		Temp. Range
	(Va.c.) 50/60Hz		(°C)
	Single phase	3-phase	
FD01	110-290	220-500	-25 ~ +70
FD02	110-290	220-500	-25 ~ +70
FD03	110-290	220-500	-25 ~ +70



Effective thermal control increases the life of electrical components and expensive equipment inside an enclosure.



Change-Over Mechanical Thermostats

Model	Rated Voltage	Rated Current	Contact Current	Setting Range	Differential (referred to set point)
	(Va.c.) 50/60Hz	(A)	(A)	(°C)	(K)
TRT-230V-S01	230	(Heating) a.c. 10 (4*), d.c. 30W (Cooling) a.c. 5 (2*), d.c. 30W	10	5 ~ 60	4 1 (with thermal retroaction)

* () inductive load with $\cos \varphi = 0.6$



Mechanical Hygrostats

Model	Rated Voltage	Rated Current	Setting Range	Differential (referred to set point)	Accuracy
	(Va.c.) 50/60Hz	(A)	(%RH)	(%RH)	(%RH)
IGR35F	120-240	12-6; 6-3	10 ~ 90	5	± 5

Pressure Compensation Devices

Differences in air pressure inside and outside of the enclosure are minimised, which reduces the risk of condensation, whilst preventing the ingress of dirt and water.



Model	Protection Degree	Fixing System	Torque	Cross Section	Temp. Range
			Nm	cm ²	(°C)
CP-U55-00	IP55	PG29 Ø37mm	5	1.5	-45 ~ +70

Door Limit Switches

Safety device for enclosures with or without manual reset, with roller plunger or adjustable lever.



Model	A.C Rated Voltage Range	A.C Rated Current Range	D.C Rated Voltage Range	D.C Rated Current Range	Mechanical Durability
	(V) 50/60Hz	(A)	(V)	(A)	Millions of operations
FC-001	24-400	10-1.8	24-250	2.8-0.27	15
FC-002	24-400	10-1.8	24-250	2.8-0.27	1
FC-003	24-400	10-1.8	24-250	2.8-0.27	15
FC-004	24-400	10-1.8	24-250	2.8-0.27	10
SA-FC01K	Plastic support for door limit switch fixing				

A variety of heaters for the thermo-regulation and prevention of condensation within electrical cabinets, connectable by cable or terminal block, with DIN rail fastening.



Model	Dimensions	Heating power	Rated Voltage Range	Weight
	HxL (mm)	(W)	(Va.c.) 50/60 Hz (Vd.c.)	(Kg)
METALLIC (HWM) OR PLASTIC (HWP) HEATERS WITH CABLE				
HWM005	78x49x28	5	110 - 240	0.14
HWM010	78x49x28	10	110 - 240	0.14
HWM015	78x49x28	15	110 - 240	0.14
HWM020	78x49x28	20	110 - 240	0.14
HWM025	78x49x28	25	110 - 240	0.18
HWM030	78x49x28	30	110 - 120	0.18
HWM045	108x85x61.5	45	110 - 240	0.40
HWM060	108x85x61.5	60	110 - 240	0.40
HWM080	158x85x61.5	80	110 - 240	0.55
HWM100	158x85x61.5	100	110 - 240	0.55
HWM150	208x85x61.5	150	110 - 240	0.75
HWP045	108x85x61.5	45	110 - 240	0.40
HWP060	108x85x61.5	60	110 - 240	0.40
HWP080	158x85x61.5	80	110 - 240	0.55
HWP100	158x85x61.5	100	110 - 240	0.55
HWP150	208x85x61.5	150	110 - 240	0.75
METALLIC (HTM) OR PLASTIC (HTP) HEATERS WITH TERMINAL BLOCK				
HTM045	138x85x61.5	45	110 - 240	0.45
HTM060	138x85x61.5	60	110 - 240	0.45
HTM080	188x85x61.5	80	110 - 240	0.60
HTM100	188x85x61.5	100	110 - 240	0.60
HTM150	238x85x61.5	150	110 - 240	0.80
HTP045	138x85x61.5	45	110 - 240	0.45
HTP060	138x85x61.5	60	110 - 240	0.45
HTP080	188x85x61.5	80	110 - 240	0.60
HTP100	188x85x61.5	100	110 - 240	0.60
HTP150	238x85x61.5	150	110 - 240	0.80



HVMS



HVPS

Model	Dimensions (mm)	Heating power (W)	Rated voltage range 50/60 Hz (Va.c.)	Weight (Kg)
METALLIC (HVMS) HEATERS WITH FAN				
■ HVMS080-115	143x85x61.5	80	115	0.60
■ HVMS080-230	143x85x61.5	80	230	0.60
■ HVMS125-115	193x85x61.5	125	115	0.75
■ HVMS125-230	193x85x61.5	125	230	0.75
■ HVMS150T-115	143x85x61.5	150	115	0.60
■ HVMS150T-230	143x85x61.5	150	230	0.60
■ HVMS185-115	243x85x61.5	185	115	0.95
■ HVMS185-230	243x85x61.5	185	230	0.95
■ HVMS200T-115	193x85x61.5	200	115	0.75
■ HVMS200T-230	193x85x61.5	200	230	0.75
■ HVMS250T-115	243x85x61.5	250	115	0.95
■ HVMS250T-230	243x85x61.5	400	230	0.95
■ HVMS350THP-115	242x85x61.5	350	115	0.90
■ HVMS350THP-230	242x85x61.5	350	230	0.90
PLASTIC (HVPS) HEATERS WITH FAN				
■ HVPS080-115	143x85x61.5	80	115	0.60
■ HVPS080-230	143x85x61.5	80	230	0.60
■ HVPS125-115	193x85x61.5	125	115	0.75
■ HVPS125-230	193x85x61.5	185	230	0.75
■ HVPS150T-115	143x85x61.5	150	115	0.60
■ HVPS150T-230	143x85x61.5	210	230	0.60
■ HVPS185-115	243x85x61.5	185	115	0.95
■ HVPS185-230	243x85x61.5	185	230	0.95
■ HVPS200T-115	193x85x61.5	200	115	0.75
■ HVPS200T-230	193x85x61.5	200	230	0.75
■ HVPS250T-115	243x85x61.5	250	115	0.95
■ HVPS250T-230	243x85x61.5	250	230	0.95
■ HVPS350THP-115	242x85x61.5	350	115	0.90
■ HVPS350THP-230	242x85x61.5	350	230	0.90

Compact fluorescent lamps for indoor installation and additional set of options from multiple connection cable to a magnetic mounting system. LED lamps with a metal fixing plate for an adjustable installation also available.

FLL Series LED lamps

FLL energy saving LED lamps with ON/OFF switch or PIR sensor to detect movement. Available with standard screw-in or alternatively, magnetic fastening for easy positioning (Code FLL-2MA) as below:



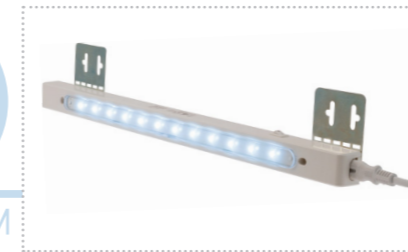
Operating voltage range:
85-132 Va.c. (FLL-120 series)
173-265 Va.c. (FLL-230 series)
85-265 Va.c. (FLL-300 series)

Model	Length (mm)	Rated Voltage Range (Va.c.)	Rated Frequency (Hz)	Power (W)	LED number	LED color	Description
■ FLL-120565U-IR	356	115	50/60	5.0/5.0	40	7100K	PIR sensor
■ FLL-120565U-S	356	115	50/60	5.0/5.0	40	7100K	ON/OFF switch
■ FLL-230565U-IR	356	230	50/60	5.0/5.0	40	7100K	PIR sensor
■ FLL-230565U-S	356	230	50/60	5.0/5.0	40	7100K	ON/OFF switch
FLL-300565U-IR	356	115-230	50/60	5.0/5.0	40	7100K	PIR sensor
FLL-300565U-S	356	115-230	50/60	5.0/5.0	40	7100K	ON/OFF switch

Model	Description
■ FLL-2MA	magnets kit (2pcs.)

CLG-L Series LED Lamps

CLG-L offers a metal bracket plate for an adjustable installation and is dual voltage (115V.a.c / 230V.a.c)



Model	Length (mm)	Rated Voltage Range (V a.c.)	Rated Frequency (Hz)	Power (W)	LED Number	LED Color
CLG-L307	400	115-230	50/60	7.0/7.0	12	6400K

Fluorescent Lamps

Economical compact fluorescent enclosure lights provide light where it is needed. These offer integrated on/off switch, quick & flexible mounting & modular connection capability.



Model	Length (mm)	Rated Voltage (V a.c.)	Rated Frequency (Hz)	Power (W)	Light Type & Lamp Holder	Cable Length (mm)
CLG-R236	277	230	50	6	T5 / G5	1,300
CLG-R238	354	230	50	8	T5 / G5	1,800
CLG-R2313	581	230	50	13	T5 / G5	1,800
CLG-T236	270	230	50	6	T4 / G5	1,800
CLG-T238	390	230	50	8	T4 / G5	1,800
■ CLG-T2312	425	230	50	12	T4 / G5	1,800
■ CLG-T2316	516	230	50	16	T4 / G5	1,800
■ CLG-T2320	616	230	50	20	T4 / G5	1,800
■ CLG-SS2310	498	230	50	10	T8 / G13	-
■ CLG-SF2310	498	230	50	10	T8 / G13	-

Model	Description
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CONNECTION CABLE

■ CVL01-200	2000 mm
■ CVL01A-30	300 mm

Where the application calls for something more robust, we offer a selection of special frame fans varying from IP55 protected to high temperature rates and all metal construction.



Model	Dimensions (mm)	Rated Voltage (V)	Voltage Range (V)	Rated Power (W)	Max Air Flow (m ³ /h)	Static Pressure (Pa)	Rated Speed (RPM)	Noise [[dB(A)]	Bearing Type Ball Sleeve
IP55 DC FRAME FANS									
D04D04HWBZF0	40x40x20	12 Vd.c.	10.8 - 13.2	1.3	15	70	7,800	36.0	o
D04E05MWBTFO	40x40x10	24 Vd.c.	21.6 - 26.4	1.9	8,5	19	4,800	22.1	o
D06A04LWBAFO	60x60x25	12 Vd.c.	10.8 - 13.2	0.96	24	17	2,500	18.1	o
D06A05HWBAFO	60x60x25	24 Vd.c.	17 - 27	3.6	41	44	4,500	35.2	o
D06A05SWBAFO	60x60x25	24 Vd.c.	17 - 27	3.8	46	60	5,000	37.9	o
D07A04HWBAFO	70x70x25	12 Vd.c.	7 - 13	2.3	61	55	4,200	35.5	o
D08A04HWBAFO	80x80x25	12 Vd.c.	10.8 - 13.2	3.0	66	37	3,100	34.4	o
D08A04LWBAFO	80x80x25	12 Vd.c.	7 - 13	1.4	44	18	2,100	22.5	o
D08A05HWBAFO	80x80x25	24 Vd.c.	21.6 - 26.4	3.8	69	37	3,200	36.2	o
D08A05MWBAFO	80x80x25	24 Vd.c.	21.6 - 26.4	2.6	55	25	2,500	29.4	o
D08A05SWBAFO	80x80x25	24 Vd.c.	21.6 - 26.4	6.2	87	59	3,900	40.9	o
D09A04HWBZF0	92x92x25	12 Vd.c.	10.8 - 13.2	3.0	95	37	2,900	37.5	o
D09A05HWBZF0	92x92x25	24 Vd.c.	17 - 27	3.6	95	36	2,900	37.5	o
D09A05LWBZF0	92x92x25	24 Vd.c.	17 - 27	1.9	59	16	2,100	25.0	o
D09A05SWBZF0	92x92x25	24 Vd.c.	17 - 27	5.0	97	43	3,300	39.4	o
D12A04HWBZF0	120x120x25	12 Vd.c.	7 - 13	4.4	151	34	2,200	39.1	o
D12A04LWBZF0	120x120x25	12 Vd.c.	7 - 13	2.9	122	23	1,800	34.4	o
D12A05HWBZF0	120x120x25	24 Vd.c.	17 - 27	4.6	150	34	2,200	39.1	o
D12A05HWBZFW80	120x120x25	24 Vd.c.	21.6 - 26.4	4.6	150	34	2,200	39.1	o
D12A05SWBZF0	120x120x25	24 Vd.c.	17 - 27	6.0	168	43	2,500	43.3	o
D12B04HWBZF0	120x120x38	12 Vd.c.	7 - 13	6.0	178	59	2,800	42.8	o
D12B05HWBZF0	120x120x38	24 Vd.c.	21.6 - 26.4	7.7	180	66	2,800	46.7	o

Special DC fans are subject to Minimum order quantities & additional lead times. Contact us for more information

ATEX, EC & IP68 Frame Fans

Available in standard sized frame 120x120x38mm, the HEC range of axial fans is ATEX certified, is powered by an energy efficient EC motor and has an ingress protection level to IP68.



Ideal for both refrigeration, where carbon gases may be present and any other potentially hazardous environment, the ATEX certified range gives confidence to users by incorporating a fully encapsulated motor and sparkproof components. Available in three speeds, low, medium and high, the HEC range is exclusive to Axair Fans and UK stocking.

Model	Size (mm)	Voltage (V)	Voltage Range (V)	Speed (rpm)	Rated Current (A)	Rated Power (Wa)	Max. Air Flow (m3/h)	Max Pressure (Pa)	Noise (dB(A))
HEC1238HA	120x120x38	115/230	85-265	3000	0.16	5.8	196	88	45
HEC1238MA	120x120x38	115/230	85-265	2600	0.1	4.5	166	61	39
HEC1238LA	120x120x38	115/230	85-265	1700	0.06	2	99	26	25

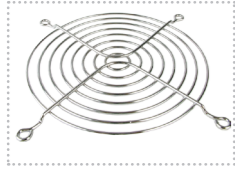
Where the application calls for something more robust, we offer a selection of special frame fans varying from IP55 protected to high temperature rates and all metal construction.



Model	Dimensions (mm)	Rated Voltage (V)	Rated Power (W)	Max Air Flow (m ³ /h)	Static Pressure (Pa)	Rated Speed (50/60Hz) (RPM)	Noise (50/60Hz) [[dB(A)]	Bearing Type Ball Sleeve
IP55 AC FRAME FANS								
A08B12HWBFF0	80x80x38	115 Va.c.	14/12	41/51	40/55	2,500/3,000	32.0/36.0	o
A08B23HWBFF0	80x80x38	230 Va.c.	14/12	41/51	40/55	2,500/3,000	32.0/36.0	o
A12W23HWBWF0	113x113x38	230 Va.c.	20/19	150/180	66/80	2,550/2,900	46.0/49.0	o
A12Z23HWBWF0	113x113x38	230 Va.c.	18/18	140/155	62/75	2,600/2,950	42.0/45.0	o
A12B12HWBWF0	120x120x38	115 Va.c.	20/18	136/168	57/80	2,750/3,050	46.0/49.0	o
A12B23HWBWF0	120x120x38	230 Va.c.	20/19	148/182	65/80	2,750/3,050	46.0/49.0	o
A12B23LWBWF0	120x120x38	230 Va.c.	11/10	114/102	27/22	2,200/1,800	43.0/42.0	o
A12B23STBWF0	120x120x38	230 Va.c.	24/22	143/199	62/97	2,700/3,100	48.0/50.0	o
ALL METAL AC FRAME FANS								
A09B12HWBMO0	92x92x38	115 Va.c.	12/11	75/87	59/74	2,700/3,200	37.0/42.0	o
A09B23HWBMO0	92x92x38	230 Va.c.	12/11	75/87	59/74	2,700/3,200	37.0/42.0	o
A12B12HTBMO0	120x120x38	115 Va.c.	17/15	151/175	64/59	2,700/3,100	42.0/46.0	o
A12B12LTBMO0	120x120x38	115 Va.c.	17/15	107/114	25/22	2,000/2,050	33.0/35.0	o
A12B23HTBMO0	120x120x38	230 Va.c.	17/15	151/175	64/59	2,700/3,100	42.0/46.0	o
A12B23LTBMO0	120x120x38	230 Va.c.	17/15	107/114	25/22	2,000/2,050	33.0/35.0	o
A17M12SWBMO0	172x150x55	115 Va.c.	42/42	332/391	137/157	2,800/3,250	49.0/53.0	o
A17M23SWBMO0	172x150x55	230 Va.c.	42/42	332/391	137/157	2,800/3,250	49.0/53.0	o
A17T12SWBMO0	172x150x55	115 Va.c.	45/45	383/434	123/126	2,750/3,150	58.0/61.0	o
A17T23SWBMO0	172x150x55	230 Va.c.	45/45	383/434	123/126	2,750/3,150	58.0/61.0	o
HIGH TEMPERATURE AC FRAME FANS								
A09B12HWBMT0	92x92x38	115 Va.c.	12/11	75/87	59/74	2,700/3,200	37.0/42.0	o
A09B23HWBMT0	92x92x38	230 Va.c.	12/11	75/87	59/74	2,700/3,200	37.0/42.0	o
A17M12SWBMT0	172x150x55	115 Va.c.	42/42	332/391	137/157	2,800/3,250	49.0/53.0	o
A17M23SWBMT0	172x150x55	230 Va.c.	42/42	332/391	137/157	2,800/3,250	49.0/53.0	o
A17T12SWBMT0	172x150x55	115 Va.c.	45/45	383/434	123/123	2,750/3,150	58.0/61.0	o
A17T23SWBMT0	172x150x55	230 Va.c.	45/45	383/434	123/123	2,750/3,150	58.0/61.0	o
EC (ELECTRONICALLY COMMUTATED) FRAME FANS								
E08B12HWBL00	80x80x38	115 Va.c.	5.0/5.0	64/68	46/53	2,800/3,000	35.0/37.0	o
E08B23HWBL00	80x80x38	230 Va.c.	5.0/5.0	68/73	53/61	3,000/3,200	37.0/39.0	o
E12B23HWBL00	120x120x38	230 Va.c.	6.0/6.0	198/206	79/77	3,000/3,100	45.0/46.8	o
E12B23HWBLF0	120x120x38	230 Va.c.	5.8/6.7	190/200	70/75	2,735/2,850	45.0/46.8	o
E12B23LWBL00	120x120x38	230 Va.c.	2.5/2.5	132/138	32/37	2,000/2,100	34.0/35.7	o
E12B23MWBL00	120x120x38	230 Va.c.	4.0/4.0	169/176	55/58	2,500/2,700	40.0/41.8	o

From metal guards to powers leads, we have all the accessories required. Contact us for more information should you need advice on which part is required.

Metal Fan Guards



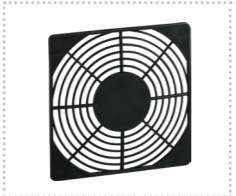
Model	Dimensions
MFG	(ø mm)
25	24
40	29.1
45	38.3
52	42
60	53
80	76
92	90
120	115.6
127	115.6
150	154.4
150/S	154.4
MFG200	215
MFG250	278

Plastic Fan Guards



Model	Dimensions
PFG	(mm)
G40	42.3x42.3
G60	60x60
G80	81x81
G92	92x92
G120	121x121
G150	173x173

Fast Assembly Plastic Fan



Model	Dimensions
PFG	(mm)
G120/S	120x120

Metal Fan Guard



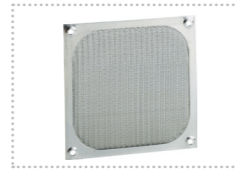
Model	Dimensions
	(mm)
G120M-7035	120x120

Plastic Filters



Model	Dimensions
	(mm)
F40/MR	46.4x 46.4
F60/MR	64x64
F80/MR	86x86
F92/MR	97x97
F120/MR	126x126
F150/MR	179x179

Metal Filters



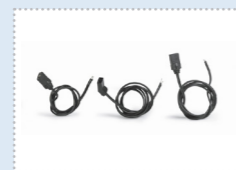
Model	Dimensions
	(mm)
FM/60	60x60
FM/80	83.8x83.8
FM/92	92x92
FM/120	119x119
FM/150	182x182

Spare Filter Media



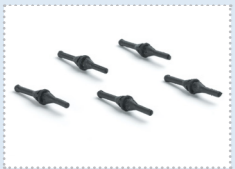
Model	Dimensions
	(mm)
M40	42x42
M60	60x60
M80	81x81
M92	92x92
M120	120x120
M150	172x172

Fan Power Leads



straight version	45° version	Length of cable
Model	Model	(mm)
C24	C24-45	610
C36	C36-45	910
C60	C60-45	1,520
C80	C80-45	2,032
C100	C100-45	2,540
C118	-	3,000

Elastic Rivets



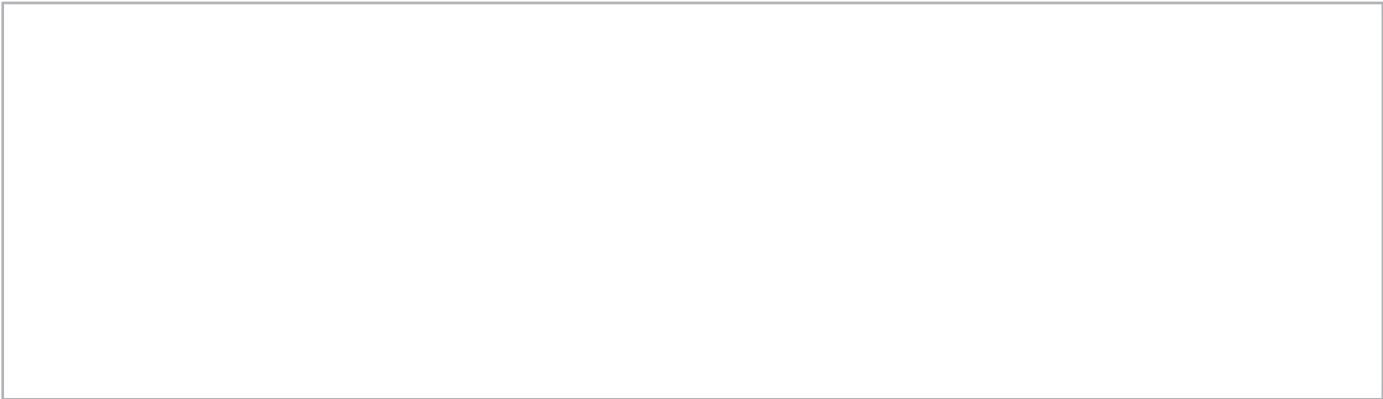
Model
EAR4401N

Plastic Rivets



Round flat head version	V-shaped head version	RAL colour
Model	Model	
FAR175TPN	FAR175TSN	9005 Black
FAR175TPR	FAR175TSR	7032 Grey
FAR225TPN	FAR225TSN	9005 Black
FAR225TPR	FAR225TSR	7032 Grey





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