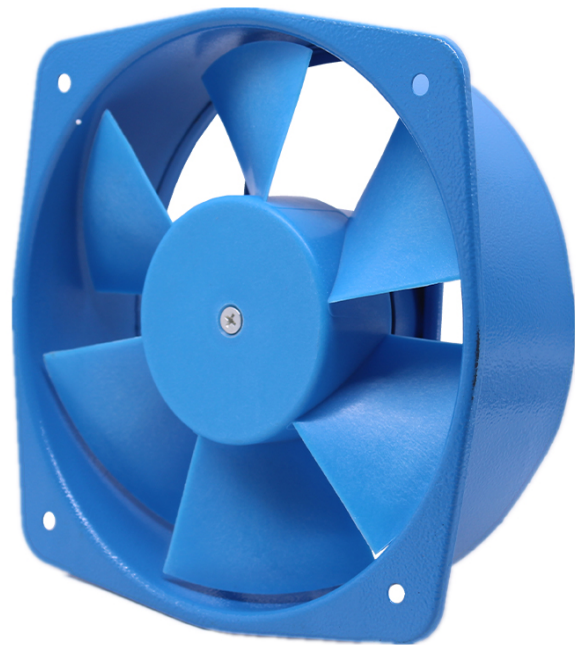




Make it warm

MFE ELECTRIC EQUIPMENT





Frame	Aluminum die-casting
Impeller	PBT plastic
Insulation	Design according to IEC61858 Grade F
Withstand Voltage	AC 1500/50-60Hz, 1 min at 5mA
Operation Temp	-20°C~80°C
Humidity	20%~85%
Working life	(at 25°C) 60,000 hours for ball bearing fans 30,000 hours for oil bearing fans



FG80



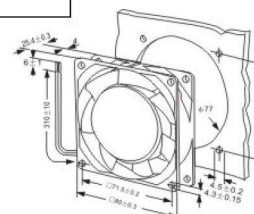
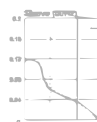
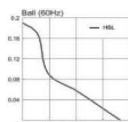
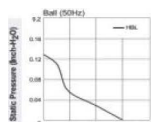
PFG80



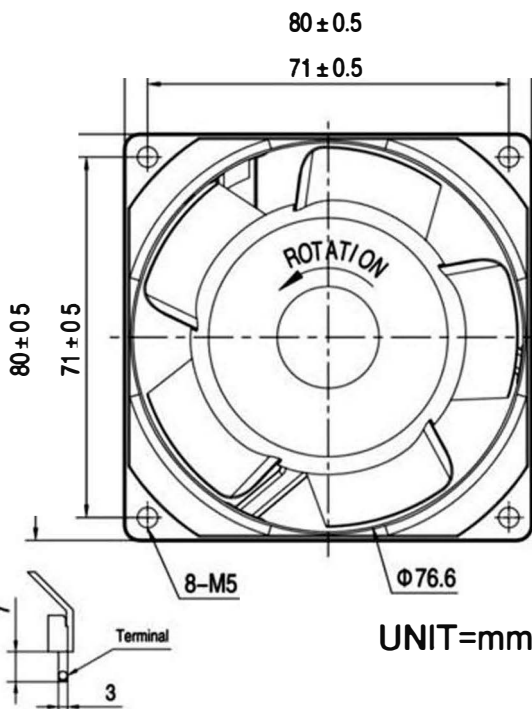
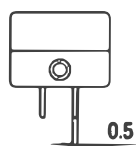
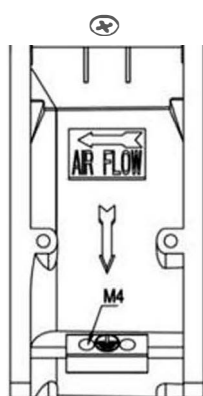
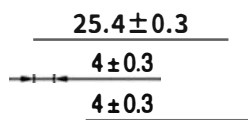
FK2080



MFE801

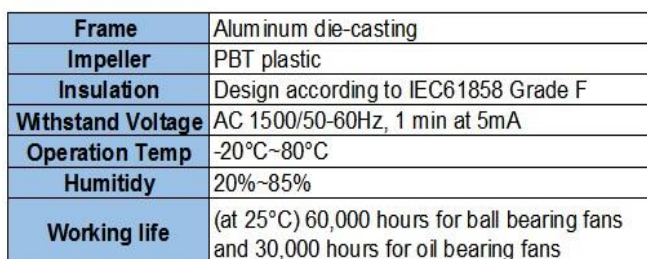


Model	Voltage	Current	Freq	Noise	Bearing	Power	Speed	Air Volume		Connector	Dimension	Packing	
	(V)	(A)	(Hz)	(Db)		(Watt)	(r/min)	(m3/h)	CFM		(mm)	pcs/ctn	weight
MFE-80S-110(SL)	110	0.14	50/60	30	Sleeve	14	2500	30	18	Wire	80*80*25	80	16kg
MFE-80S-110(ST)	110	0.14	50/60	30	Sleeve	14	2500	30	18	Terminal	80*80*25	80	16kg
MFE-80S-110(BT)	110	0.14	50/60	30	Bearing	14	2550	32	19	Terminal	80*80*25	80	16kg
MFE-80S-230(SL)	220	0.9	50/60	30	Sleeve	16	2500	30	18	Wire	80*80*25	80	16kg
MFE-80S-230(ST)	220	0.9	50/60	30	Sleeve	16	2500	30	18	Terminal	80*80*25	80	16kg
MFE-80S-230(BT)	220	0.9	50/60	30	Bearing	16	2550	32	19	Terminal	80*80*25	80	16kg

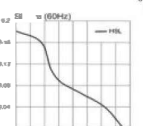


Panel Mounting Dimension

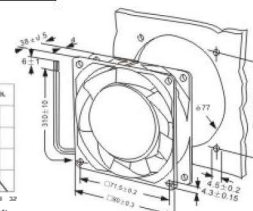




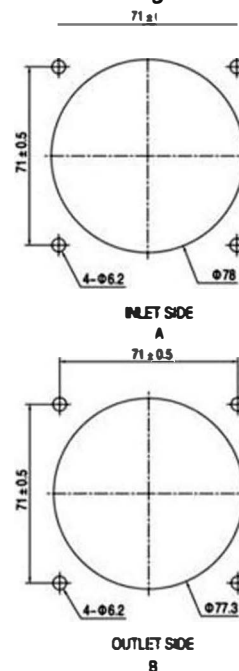
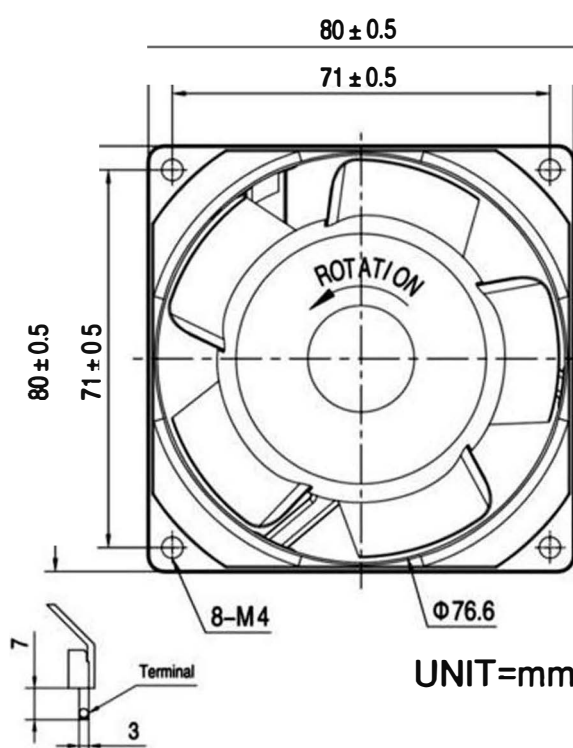
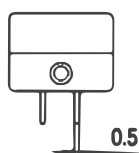
MFF801



12 16 20 24 28



Model	Voltage	Current	Freq	Noise	Bearing	Power	Speed	Air Volume		Connector	Dimension	Packing	
	(V)	(A)	(Hz)	(Db)		(Watt)	(r/min)	(m3/h)	CFM		(mm)	pcs/ctn	weight
MFE-80S-110(SL)	110	0.14	50/60	30	Sleeve	14	2500	30	18	Wire	80*80*38	80	16kg
MFE-80S-110(ST)	110	0.14	50/60	30	Sleeve	14	2500	30	18	Terminal	80*80*38	80	16kg
MFE-80S-110(BT)	110	0.14	50/60	30	Bearing	14	2550	32	19	Terminal	80*80*38	80	16kg
MFE-80S-230(SL)	220	0.9	50/60	30	Sleeve	16	2500	30	18	Wire	80*80*38	80	16kg
MFE-80S-230(ST)	220	0.9	50/60	30	Sleeve	16	2500	30	18	Terminal	80*80*38	80	16kg
MFE-80S-230(BT)	220	0.9	50/60	30	Bearing	16	2550	32	19	Terminal	80*80*38	80	16kg





Frame	Aluminum die-casting
Impeller	PBT plastic
Insulation	Design according to IEC61858 Grade F
Withstand Voltage	AC 1500/50-60Hz, 1 min at 5mA
Operation Temp	-20°C~80°C
Humidity	20%~85%
Working life	(at 25°C) 60,000 hours for ball bearing fans and 30,000 hours for oil bearing fans



FG90



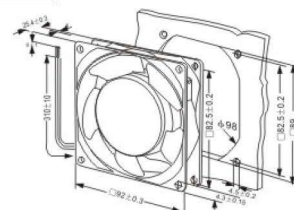
PFG90



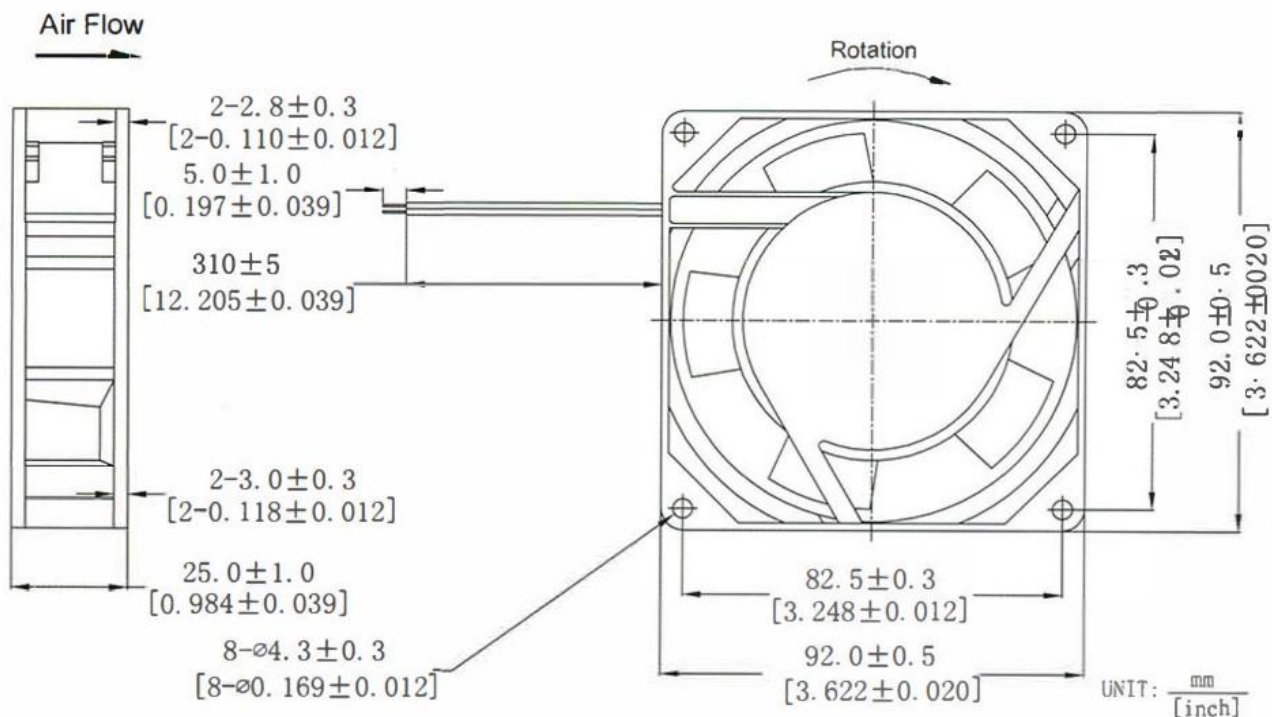
FK2090



MFE802



Model	Voltage	Current	Freq	Noise	Bearing	Power	Speed	Air Volume		Connector	Dimension	Packing	
	(V)	(A)	(Hz)	(Db)		(Watt)	(r/min)	(m3/h)	CFM		(mm)	pcs/ctn	weight
MFE-92S-110(SL)	110	0.14	50/60	32	Sleeve	13	2500	58	35	Wire	92*92*38	80	23kg
MFE-92S-110(ST)	110	0.14	50/60	32	Sleeve	13	2500	58	35	Terminal	92*92*38	80	23kg
MFE-92S-110(BT)	110	0.14	50/60	32	Bearing	14	2550	59	36	Terminal	92*92*38	80	23kg
MFE-92S-230(SL)	220	0.9	50/60	32	Sleeve	13	2500	58	35	Wire	92*92*38	80	23kg
MFE-92S-230(ST)	220	0.9	50/60	32	Sleeve	13	2500	58	35	Terminal	92*92*38	80	23kg
MFE-92S-230(BT)	220	0.9	50/60	32	Bearing	14	2550	59	36	Terminal	92*92*38	80	23kg





Frame	Aluminum die-casting
Impeller	PBT plastic
Insulation	Design according to IEC61858 Grade F
Withstand Voltage	AC 1500/50-60Hz, 1 min at 5mA
Operation Temp	-20°C~80°C
Humidity	20%~85%
Working life	(at 25°C) 60,000 hours for ball bearing fans and 30,000 hours for oil bearing fans



FG90



PFG90

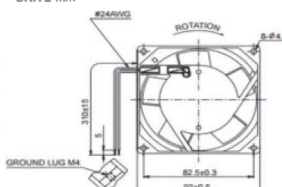


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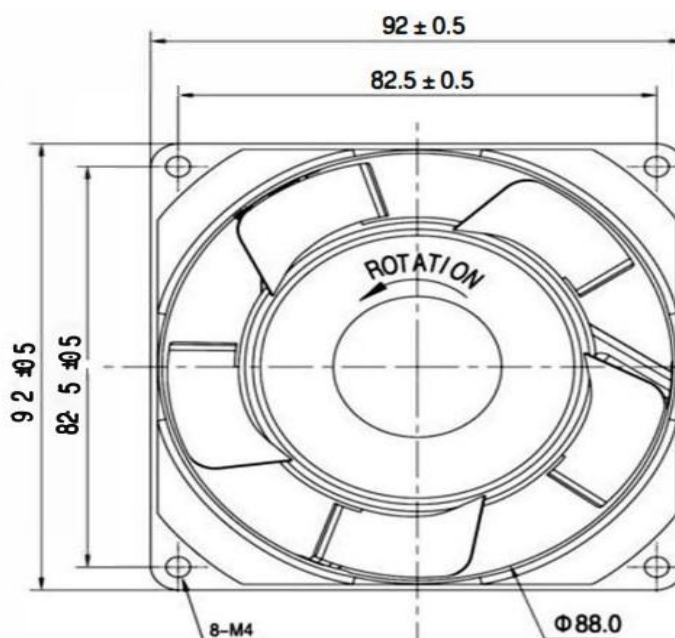
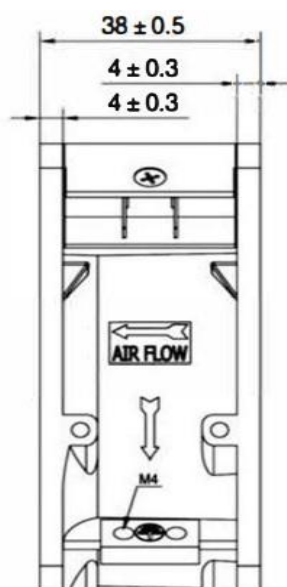


MFE802

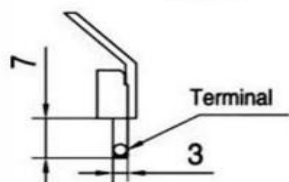
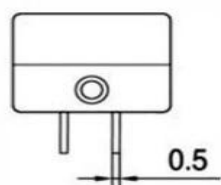
UNITS mm



Model	Voltage	Current	Freq	Noise	Bearing	Power	Speed	Air Volume		Connector	Dimension	Packing	
	(V)	(A)	(Hz)	(Db)		(Watt)	(r/m in)	(m3/h)	CFM		(mm)	pcs/ctn	weight
MFE-92S-110(SL)	110	0.14	50/60	32	Sleeve	15	2500	77	46	Wire	92*92*38	60	23kg
MFE-92S-110(ST)	110	0.14	50/60	32	Sleeve	15	2500	77	46	Terminal	92*92*38	60	23kg
MFE-92S-110(BT)	110	0.14	50/60	32	Bearing	15	2550	79	47	Terminal	92*92*38	60	23kg
MFE-92S-230(SL)	220	0.9	50/60	32	Sleeve	15	2500	77	46	Wire	92*92*38	60	23kg
MFE-92S-230(ST)	220	0.9	50/60	32	Sleeve	15	2500	77	46	Terminal	92*92*38	60	23kg
MFE-92S-230(BT)	220	0.9	50/60	32	Bearing	15	2550	79	47	Terminal	92*92*38	60	23kg



Panel Mounting Dimension



UNIT=mm



Frame	Aluminum die-casting
Impeller	PBT plastic
Insulation	Design according to IEC61858 Grade F
Withstand Voltage	AC 1500/50-60Hz, 1 min at 5mA
Operation Temp	-20°C~80°C
Humidity	20%~85%
Working life	(at 25°C) 60,000 hours for ball bearing fans and 30,000 hours for oil bearing fans



FG120



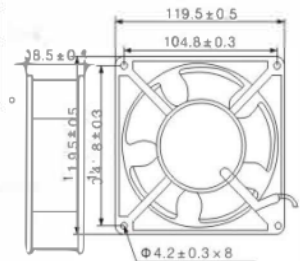
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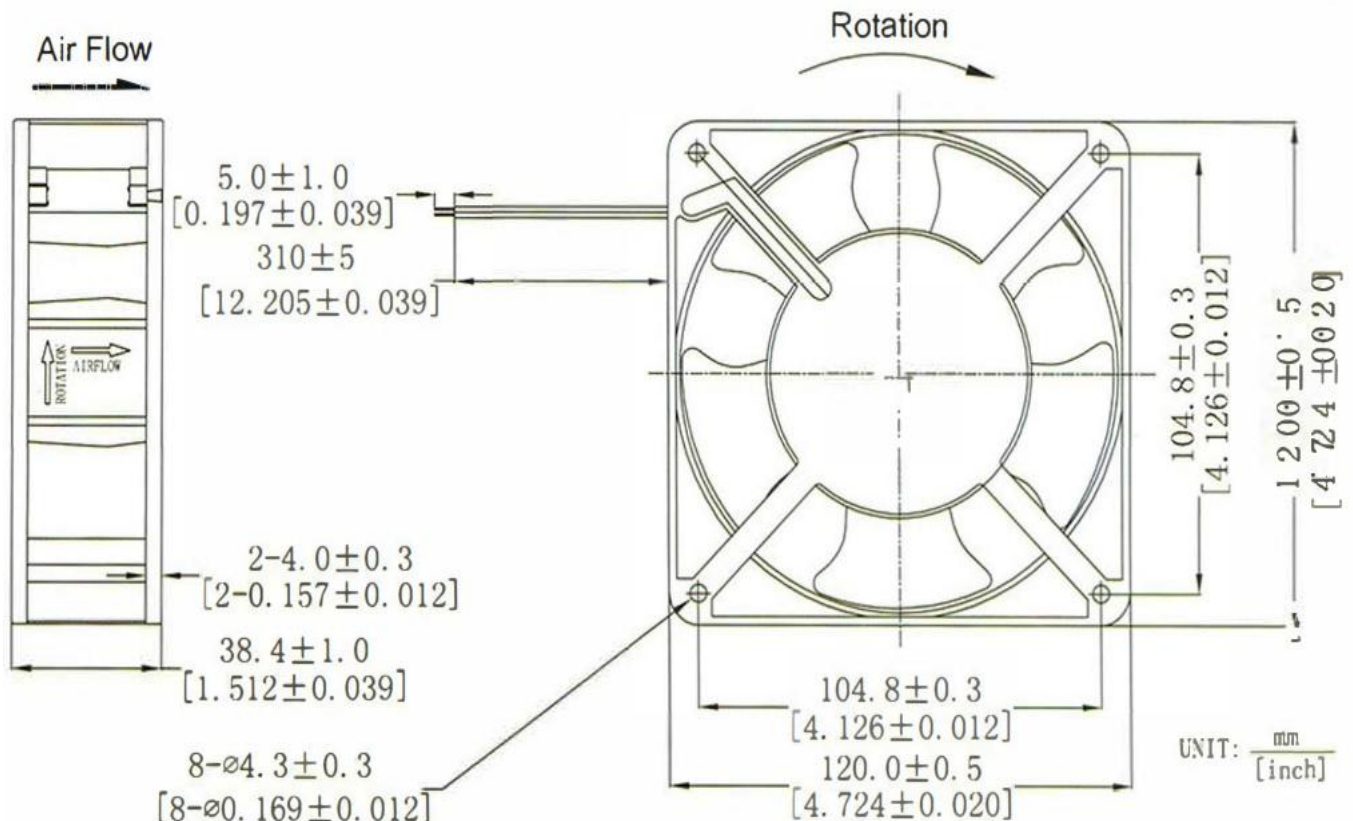
FG2120



MFE803-MFE804



Model	Voltage	Current	Freq	Noise	Bearing	Power	Speed	Air Volume		Connector	Dimension	Packing	
	(V)	(A)	(Hz)	(Db)		(Watt)	(r/min)	(m3/h)	CFM		(mm)	pcs/ctn	weight
MFE-120S-110(SL)	110	0.26	50/60	39	Sleeve	19	2500	138	81	Wire	120*120*38	80	23kg
MFE-120S-110(ST)	110	0.26	50/60	39	Sleeve	19	2500	138	81	Terminal	120*120*38	80	23kg
MFE-120S-110(BT)	110	0.26	50/60	39	Bearing	20	2550	148	87	Terminal	120*120*38	80	23kg
MFE-120S-230(SL)	220	0.13	50/60	39	Sleeve	19	2500	138	81	Wire	120*120*38	80	23kg
MFE-120S-230(ST)	220	0.13	50/60	39	Sleeve	19	2500	138	81	Terminal	120*120*38	80	23kg
MFE-120S-230(BT)	220	0.13	50/60	39	Bearing	20	2550	148	87	Terminal	120*120*38	80	23kg





Frame	Aluminum die-casting
Impeller	PBT plastic
Insulation	Design according to IEC61858 Grade F
Withstand Voltage	AC 1500/50-60Hz, 1 min at 5mA
Operation Temp	-20°C~80°C
Humidity	20%~85%
Working life	(at 25°C) 60,000 hours for ball bearing fans and 30,000 hours for oil bearing fans



FG150-2



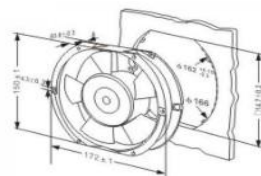
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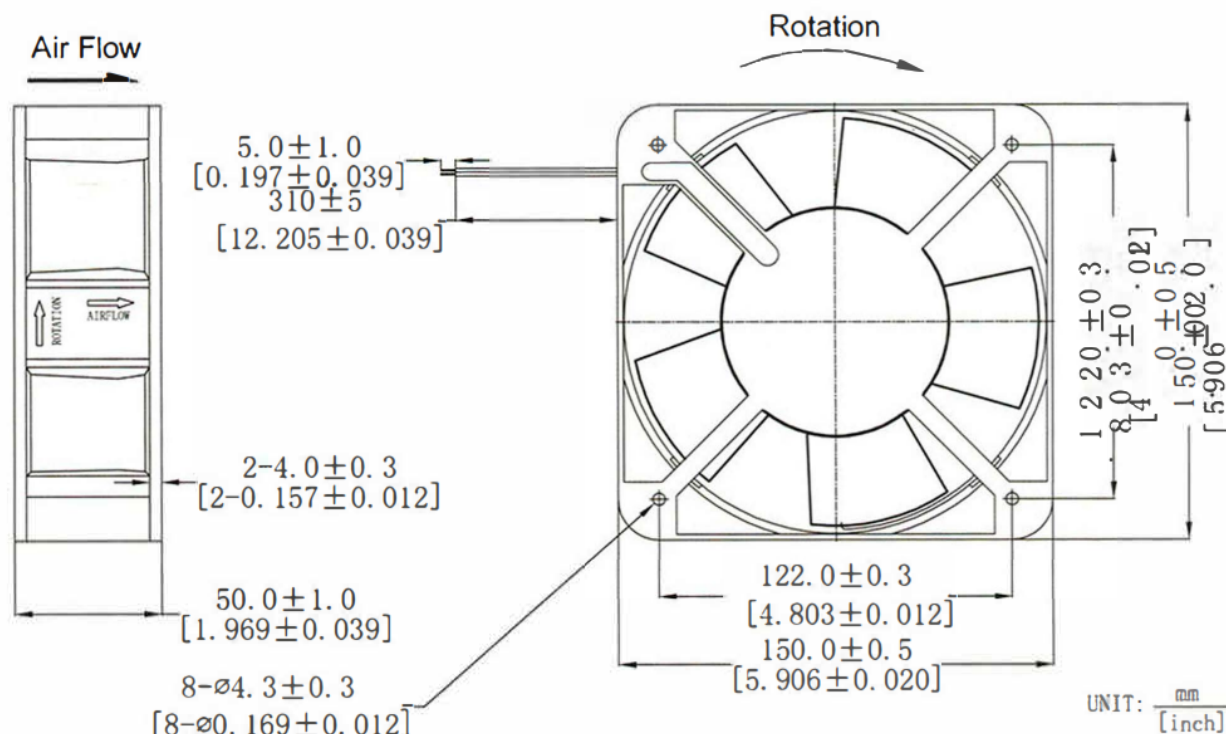
FK2150



MFE804 - MFE805



Model	Voltage	Current	Freq	Noise	Bearing	Power	Speed	Air Volume		Connector	Dimension	Packing	
	(V)	(A)	(Hz)	(Db)		(Watt)	(r/min)	(m3/h)	CFM		(mm)	pcs/ctn	weight
MFE-150B-110(SL)	110	0.44	50/60	50	Sleeve	26	2500	298	175	Wire	150*172*50	20	18kg
MFE-150B-110(ST)	110	0.44	50/60	50	Sleeve	26	2500	298	175	Terminal	150*172*50	20	18kg
MFE-150B-110(BT)	110	0.44	50/60	50	Bearing	26	2550	330	194	Terminal	150*172*50	20	18kg
MFE-150B-230(SL)	220	0.22	50/60	50	Sleeve	26	2500	298	175	Wire	150*172*50	20	18kg
MFE-150B-230(ST)	220	0.22	50/60	50	Sleeve	26	2500	298	175	Terminal	150*172*50	20	18kg
MFE-150B-230(BT)	220	0.22	50/60	50	Bearing	26	2550	330	194	Terminal	150*172*50	20	18kg





Frame	Aluminum die-casting
Impeller	PBT plastic
Insulation	Design according to IEC61858 Grade F
Withstand Voltage	AC 1500/50-60Hz, 1 min at 5mA
Operation Temp	-20°C~80°C
Humidity	20%~85%
Working life	(at 25°C) 60,000 hours for ball bearing fans and 30,000 hours for oil bearing fans



FG150



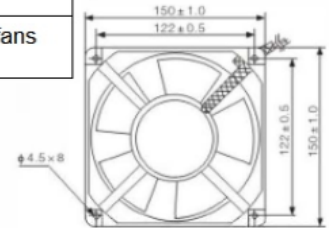
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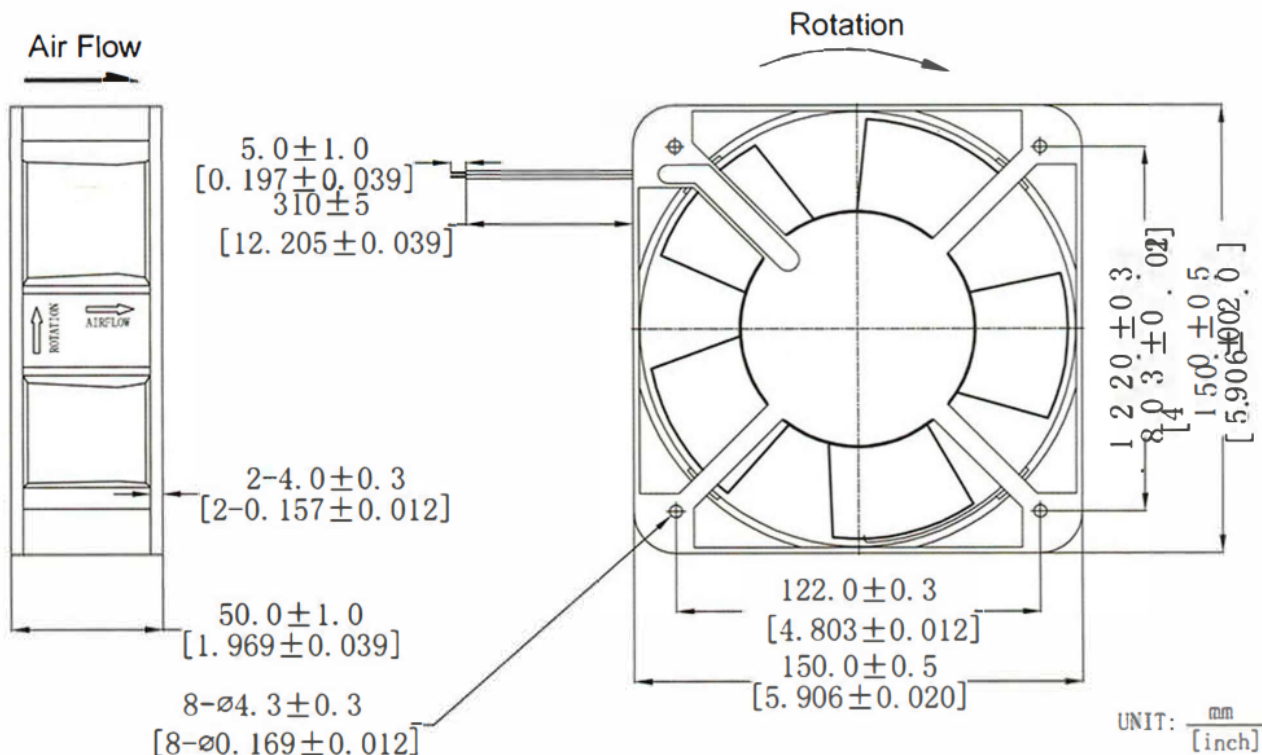
FK2172



MFE804-MFE805



Model	Voltage	Current	Freq	Noise	Bearing	Power	Speed	Air Volume		Connector	Dimension	Packing	
	(V)	(A)	(Hz)	(Db)		(Watt)	(r/min)	(m3/h)	CFM		(mm)	pcs/ctn	weight
MFE-150S-110(SL)	110	0.44	50/60	50	Sleeve	25	2500	298	175	Wire	150*150*50	20	18kg
MFE-150S-110(ST)	110	0.44	50/60	50	Sleeve	25	2500	298	175	Terminal	150*150*50	20	18kg
MFE-150S-110(BT)	110	0.44	50/60	50	Bearing	30	2650	330	194	Terminal	150*150*50	20	18kg
MFE-150S-230(SL)	220	0.22	50/60	50	Sleeve	25	2500	298	175	Wire	150*150*50	20	18kg
MFE-150S-230(ST)	220	0.22	50/60	50	Sleeve	25	2500	298	175	Terminal	150*150*50	20	18kg
MFE-150S-230(BT)	220	0.22	50/60	50	Bearing	30	2650	330	194	Terminal	150*150*50	20	18kg





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Frame	Aluminum die-casting
Impeller	PBT plastic
Insulation	Design according to IEC61858 Grade F
Withstand Voltage	AC 1500/50-60Hz, 1 min at 5mA
Operation Temp	-20°C~80°C
Humidity	20%~85%
Working life	(at 25°C) 60,000 hours for ball bearing fans and 30,000 hours for oil bearing fans



FG200



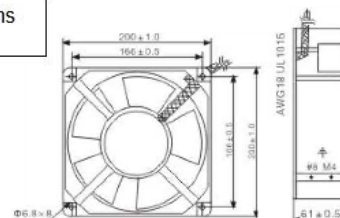
PFG200



FK2200



MFE805



Model	Voltage	Current	Freq	Noise	Bearing	Power	Speed	Air Volume		Connector	Dimension	Packing	
	(V)	(A)	(Hz)	(Db)		(Watt)	(r/min)	(m3/h)	CFM		(mm)	pcs/ctn	weight
MFE-200S-110(BT)	110	0.9	50/60	65	Bearing	65	2550	680	400	Terminal	200*200*60	10	18kg
MFE-200S-230(BT)	220	0.45	50/60	65	Bearing	65	2550	680	400	Terminal	200*200*60	10	18kg

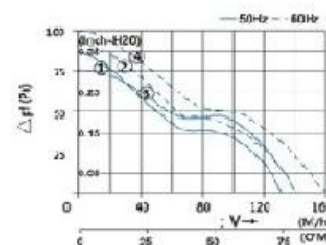
MFE801

Certification
CE RoHS

Material
ABS

Retardent Rating
UL94-V₂

IP rating
IP54

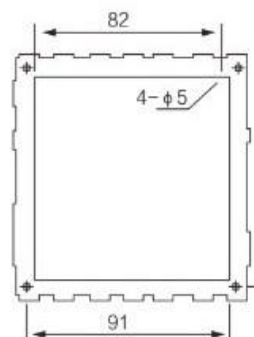
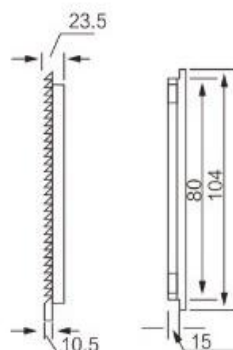
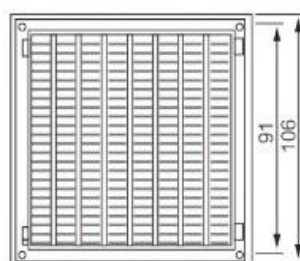
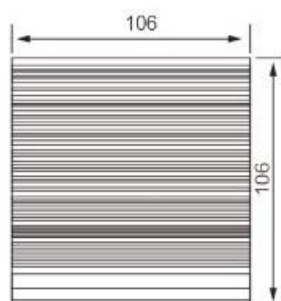

Dimension

Fans and filters

Fans and filters

Exit filter

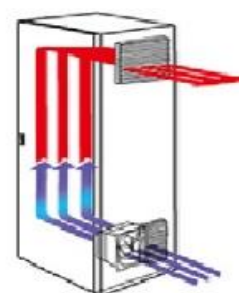
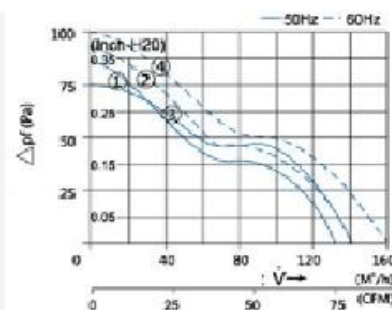
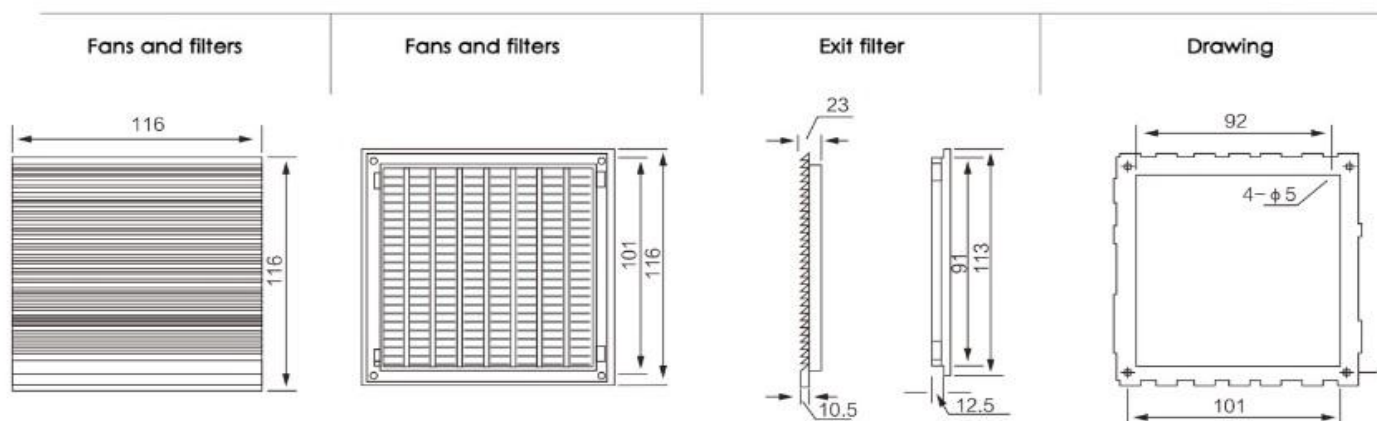
Drawing


Technical data

Model/Standard fan	MFE801 / 80S-230	MFE801 / 80S-110	MFE801 / 80S-24
Available colors	RAL7032 / RAL7035	RAL7032 / RAL7035	RAL7032 / RAL7035
Rate voltage	230/50-60Hz	110/50-60Hz	24
Air flow, free blowing	0.5/0.6m ³ /h		
Axial fan	8025 / 8038		
Rated current (A)	0.08/0.07	0.16/0.14	0.27
Power (W)	13/11	13/11	6.4
Noise level (dB)	36/38		
Operating temperature range	-10°C ~ +55°C		
Exit filter	MFE801		
Remarks	Special voltage needs can call the inquiry of the company		

MFE802

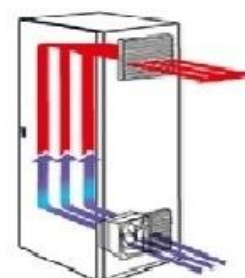
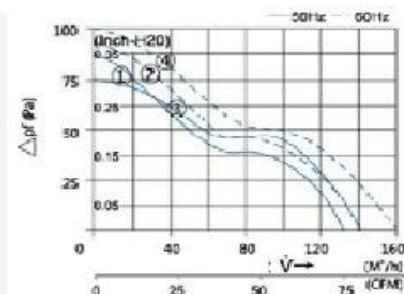
Certification	Material	Retardent Rating	IP rating
CE RoHS	ABS	UL94-V ₂	IP54


Dimension

Technical data

Model/Standard fan	MFE802 / 92S-230	MFE802 / 92S-110	MFE802 / 92S-24
Available colors	RAL7032 / RAL7035	RAL7032 / RAL7035	RAL7032 / RAL7035
Rate voltage	230/50-60Hz	110/50-60Hz	24
Air flow, free blowing	1.2 / 1.3m ³ /h		
Axial fan	9225 / 9238		
Rated current (A)	0.07 / 0.06	0.12 / 0.15	0.38
Power (W)	16 / 17	16 / 17	9.1
Noise level (dB)	29 / 30		
Operating temperature range	-10°C ~ +55°C		
Exit filter	MFE802		
Remarks	Special voltage needs can call the inquiry of the company		

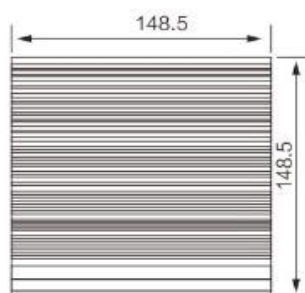
MFE803

Certification	Material	Retardent Rating	IP rating
CE RoHS	ABS	UL94-V ₂	IP54

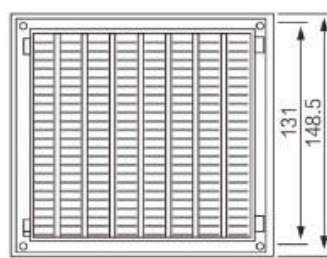


Dimension

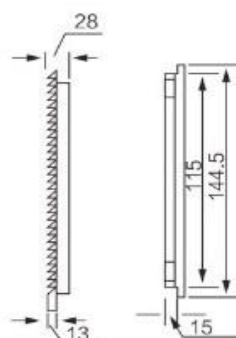
Fans and filters



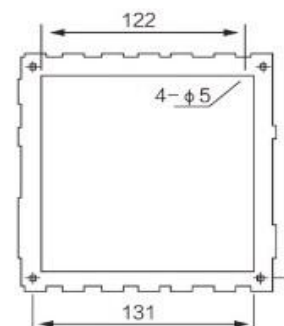
Fans and filters



Exit filter



Drawing

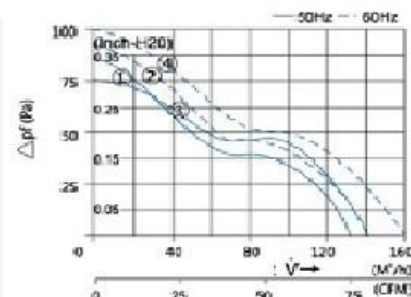


Technical data

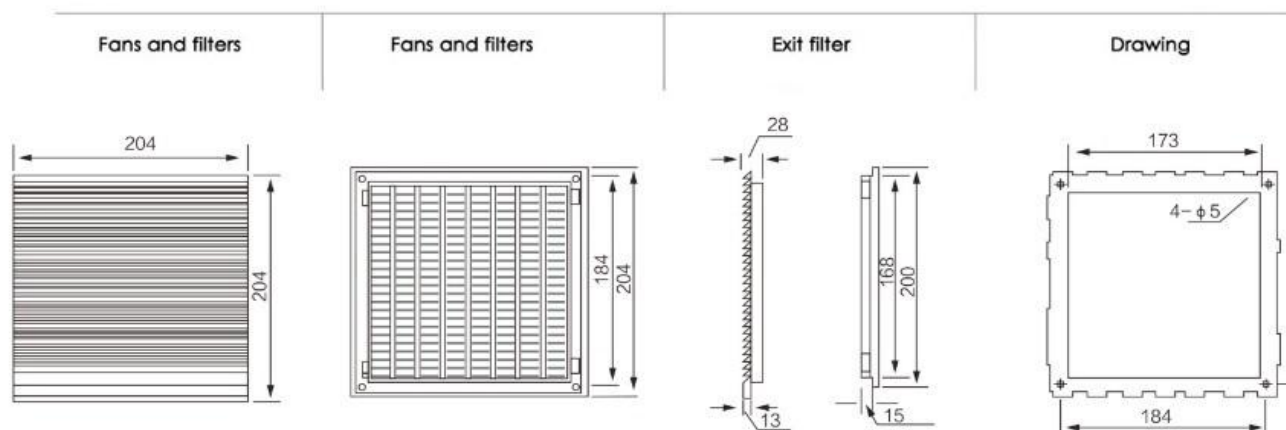
Model/Standard fan	MFE803 / 120S-230	MFE803 / 120S-110	MFE803 / 120S-24
Available colors	RAL7032 / RAL7035	RAL7032 / RAL7035	RAL7032 / RAL7035
Rate voltage	230/50-60Hz	110/50-60Hz	24
Air flow, free blowing	2.8 / 3.0m ³ /h		
Axial fan	12038		
Rated current (A)	0.14 / 0.13	0.14 / 0.13	0.22
Power (W)	21 / 25	21 / 25	5.3
Noise level (dB)	47 / 49		
Operating temperature range	-10 ⁰ C ~ +55 ⁰ C		
Exit filter	MFE803		
Remarks	Special voltage needs can call the inquiry of the company		

MFE804

Certification	Material	Retardent Rating	IP rating
CE RoHS	ABS	UL94-V ₂	IP54



Dimension

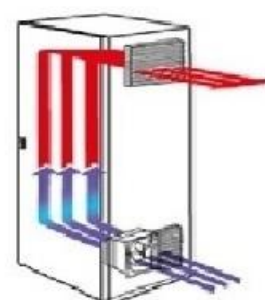
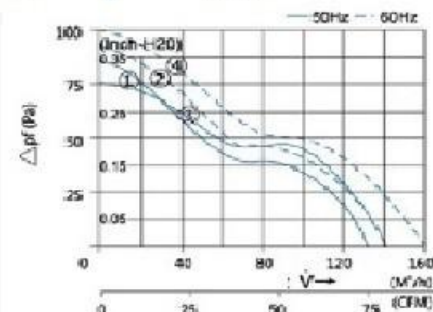


Technical data

Model/Standard fan	MFE804 / 150S-230 / 150B-230	MFE804 / 150S-110 / 150B-110	MFE804 / 150S-24 / 150B-24
Available colors	RAL7032 / RAL7035	RAL7032 / RAL7035	RAL7032 / RAL7035
Rate voltage	230/50-60Hz	110/50-60Hz	24
Air flow, free blowing	5m ³ /h		
Axial fan	15050 / 17250		
Rated current (A)	0.25	0.5	0.5
Power (W)	38	38	12
Noise level (dB)	55		
Operating temperature range	-10°C ~ +55°C		
Exit filter	MFE804		
Remarks	Special voltage needs can call the inquiry of the company		

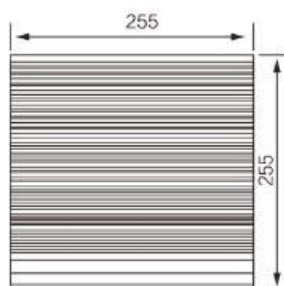
MFE805

Certification	Material	Retardent Rating	IP rating
CE RoHS	ABS	UL94-V ₂	IP54

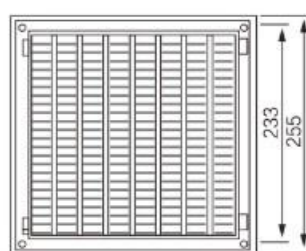


Dimension

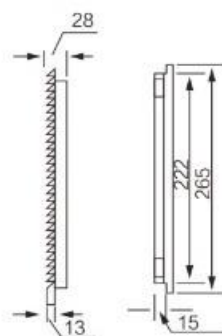
Fans and filters



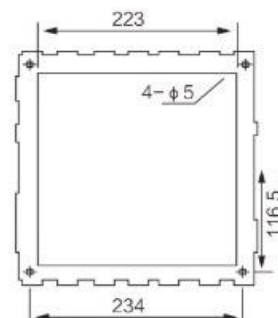
Fans and filters



Exit filter



Drawing

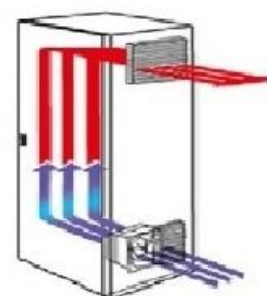
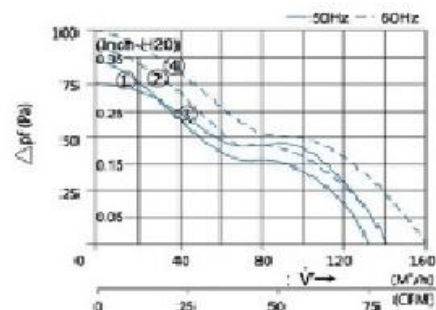
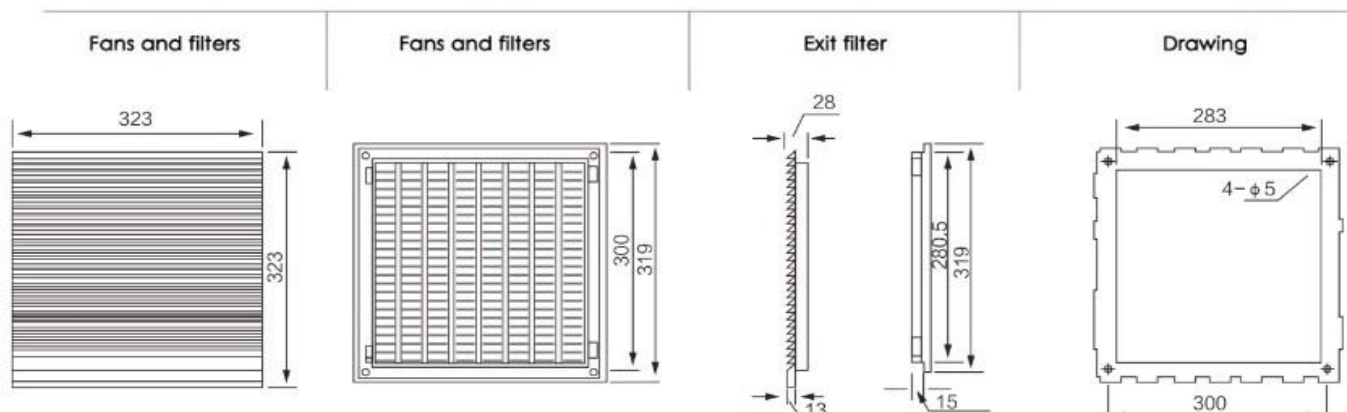


Technical data

Model/Standard fan	MFE805 / 200S-230	MFE805 / 200S-110	MFE805 / 200S-24
Available colors	RAL7032 / RAL7035	RAL7032 / RAL7035	RAL7032 / RAL7035
Rate voltage	230/50-60Hz	110/50-60Hz	24
Air flow, free blowing	11m ³ /h		
Axial fan	12038 / 15050 / 17250 / 20060		
Rated current (A)	0.35	0.7	1.5
Power (W)	65	65	36
Noise level (dB)	60		
Operating temperature range	-10 ⁰ C ~ +55 ⁰ C		
Exit filter	MFE805		
Remarks	Special voltage needs can call the inquiry of the company		

MFE806

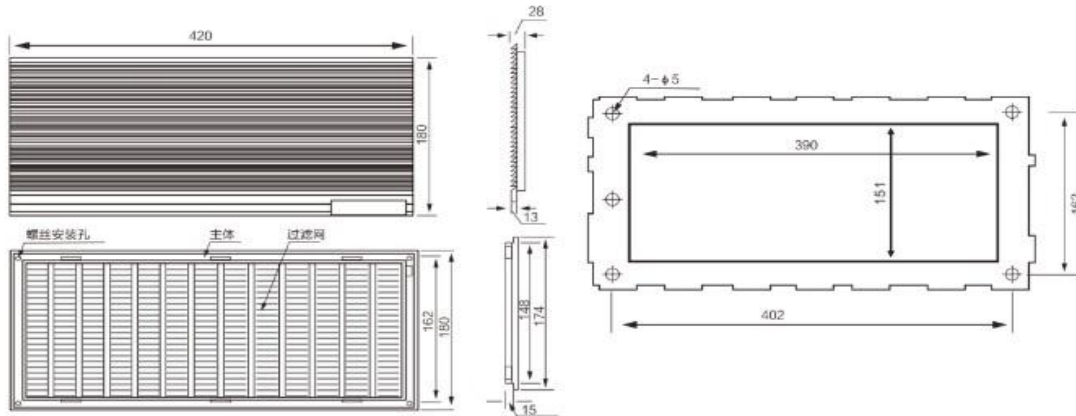
Certification	Material	Retardent Rating	IP rating
CE RoHS	ABS	UL94-V ₂	IP54


Dimension

Technical data

Model/Standard fan	MFE806 / 225S-230	MFE806 / 225S-110	MFE806 / 225S-24
Available colors	RAL7032 / RAL7035	RAL7032 / RAL7035	RAL7032 / RAL7035
Rate voltage	230/50-60Hz	110/50-60Hz	24
Air flow, free blowing	25m ³ /h		
Axial fan	22580		
Rated current (A)	0.45/0.6	1/1.1	2.4
Power (W)	70	70	57.6
Noise level (dB)	68		
Operating temperature range	-10°C ~ +55°C		
Exit filter	MFE806		
Remarks	Special voltage needs can call the inquiry of the company		

MFE807

Certification	Material	Retardent Rating	IP rating
CE RoHS	ABS	UL94-V ₂	IP54


Dimension

Technical data

Model/Standard fan	MFE807 / 120S-230 / 150B-230	MFE807 / 120S-110 / 150b-110	MFE807 / 120S-24 / 150B-24
Available colors	RAL7032 / RAL7035	RAL7032 / RAL7035	RAL7032 / RAL7035
Rate voltage	230/50-60Hz	110/50-60Hz	24
Air flow, free blowing	10m ³ /h		
Axial fan	12038 / 17250		
Rated current (A)	0.25	0.5	0.5
Power (W)	35	35	12
Noise level (dB)	58		
Operating temperature range	-10 ⁰ C ~ +55 ⁰ C		
Exit filter	MFE807		
Remarks	Special voltage needs can call the inquiry of the company		

Thermostat

MFE011 / MFE001 Automatic Temperature Controller

Certification

CE

Case Material

ABS

Protection class

IP20

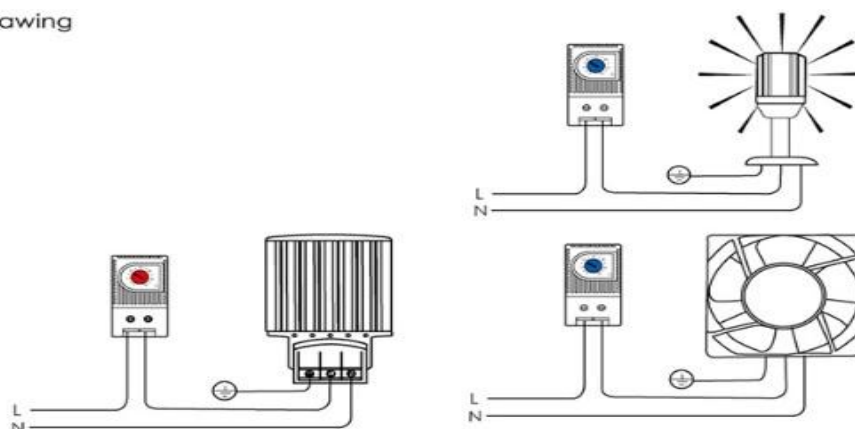
Commonly used in the monitoring filter fans, heat exchangers or a single temperature exceeds a set value, the closed circuit output signal.

MFE011 Thermostat (normally open) : commonly used in the monitoring filter fans, heat exchangers, or when the temperature exceeds the set value, the closed circuit output signal.

MFE001 Thermostat (normally closed) : commonly used in connecting the heater, when the temperature reaches the set value, the broken line.

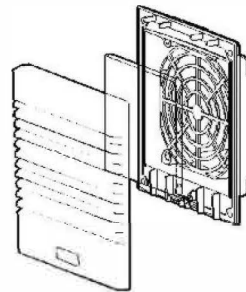


Drawing

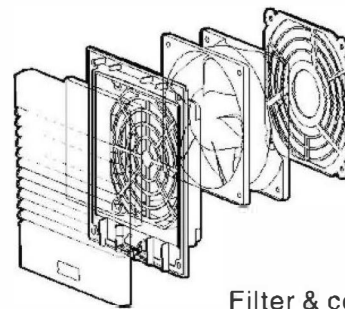


Technical data

Model	MFE011	MFE001
Temperature range	0 ~ 60°C	
Status	Normally Open (Blue)	Normally Closed (Red)
Switching temperature tolerance	7K (± 4K)	
Sensing element	Bimetallic	
Maximum switching capacity	250VAC 10A , 120VAC 15A / DC 30W	
Electrical connection	2 pole 2.5mm 0.8Nm	
Installation	35mm DIN rail mounting	
Terminal	UL94V ₀	
Size	60x33x43mm	
Operating	-5°C to +80°C	



Filter Unit



Filter & cooling fan unit

INSTALLATION METHOD

