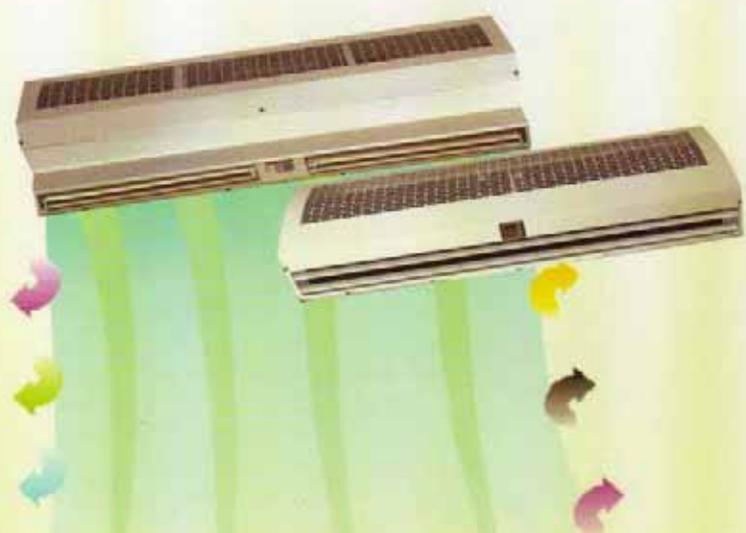


FALCÃO NER





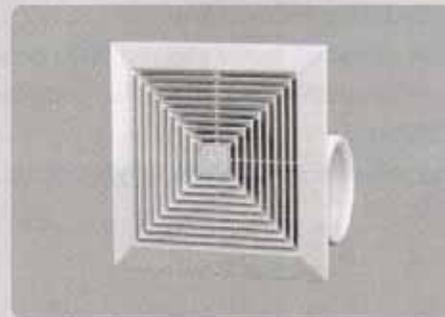
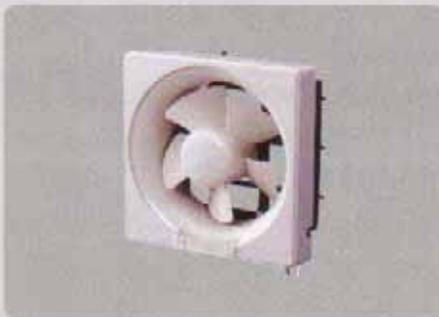


CONTENTS

Air Curtains

Residential Ventilating Fans

Industrial Ventilating Fans



PLUG SELECTION



Centrifugal Type Air Curtain

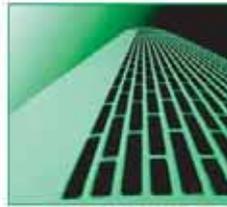


- The air curtain is made of centrifugal type forward-bending blade wheel construction , fitted with efficient volute design, rendering the capacity of the curtain for the best result . This type of wheel is high efficient, less noisy, with large air volume (max. Air speed reaching 20 m/s), high pressure, and long shooting range, unmatched by any other air curtains in the market.
- The air curtain is all-metallic cased , high in fire resistance , compact in over all construction, convenient in installation, easy for cleaning and maintenance.
- The air curtain has piano-button control , microprocessor soft - touch control or microprocessor remote control , the high/low gear speed control can meet the need of various environments.
- Reliable designed motor can run 5000 hours continuously.
- Multiple installation specifications : body dimension of 600mm , 900mm , 1200mm , and 1500mm
- Various suitable installation heights:3.0m,3.5m,4.0m,and 4.5m.

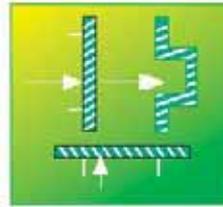
The Four Merits:



High Efficient
Centrifugal Air Wheel and
Voluta Design



All-metallic Case Construction



Multiple Installation Schemes



Smart On/Off Design

Technical Parameters of Centrifugal Type Air Curtain (H Type)

Model No.	Specifications (mm)	Rated Voltage (V~)	Rated Frequency (Hz)	Installation height (m)	Power(W)		Air Speed(m/s)		Air Flow (m ³ /h)	Noise dB(A)		Unit Size (mm)	Net Weight (kg)
					High	Low	High	Low		High	Low		
FW005H, FW005Q, FW005Y	600	220	50	2.3~3.0	155	135	11.2	9.8	632	49	48	600x230x212	8.8
FW009H, FW009Q, FW009Y	900				235	215	11.2	9.8	798	50	46	900x230x212	15.3
FW012H, FW012Q, FW012Y	1200				310	290	11.2	9.8	1064	51	47	1200x230x212	19.0
FW015H, FW015Q, FW015Y	1500				398	369	11.2	9.8	1330	52	49	1500x230x212	22.6
FW005H, FW005Q, FW005Y	600				211	191	14.3	12.5	680	52	49	600x230x212	8.8
FW009H, FW009Q, FW009Y	900				316	296	14.3	12.5	1020	53	50	900x230x212	15.3
FW012H, FW012Q, FW012Y	1200			422	402	14.3	12.5	1360	54	51	1200x230x212	19.0	
FW015H, FW015Q, FW015Y	1500			527	487	14.3	12.5	1700	56	53	1500x230x212	22.6	
FW005H, FW005Q, FW005Y	600			238	208	16.6	16.5	932	57	53	600x230x212	8.8	
FW009H, FW009Q, FW009Y	900			338	300	16.6	16.5	1398	58	54	900x230x212	15.3	
FW012H, FW012Q, FW012Y	1200			470	410	16.6	16.5	1864	59	58	1200x230x212	19.0	
FW015H, FW015Q, FW015Y	1500			573	505	16.6	16.5	2330	61	58	1500x230x212	22.6	
FW005H, FW005Q, FW005Y	600			280	245	20.0	17.5	950	63	60	600x230x212	8.8	
FW009H, FW009Q, FW009Y	900			480	392	20.0	17.5	1425	64	61	900x230x212	15.3	
FW012H, FW012Q, FW012Y	1200			560	487	20.0	17.5	1900	66	62	1200x230x212	19.0	
FW015H, FW015Q, FW015Y	1500			730	635	20.0	17.5	2375	68	66	1500x230x212	22.6	

Remarks:

1. Different rated voltage and frequency can be realized according to different demands.
2. For Models Installation Height Above 4.5m Should Be Advanced Booked

Model No. Explanation:

(Centrifugal Type Air Curtain) :

FM 30 09 H Y (Q)

H Y(Q): H: Common type; Y: Microprocessor remote controller;
Q: Microprocessor soft-touch button;

09: Unit length: 2 digits x 100mm (unit length: 900mm)

30: Installation height: 2 digits x 100mm (installation height: 3000mm)

FM: Air Curtain

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FALCONER

Cross-flow Type Air Curtain (1 Type)



- The air curtain adopts forward-bending integral construction, with its wheel undergone optimized design , having the advantage of larger air volume and lower noise . The wheel is an integral construction, delivering steady and even air for a uniform air curtain.
- The air curtain is all-metallic cased , superior in fire-resistance, compact in overall construction , convenient in installation, easy for cleaning, and simple for maintenance.
- The air curtain has a wheel of engineering plastic with fiberglass or a wheel of quality Aluminum-alloy . The wheel is robust , rigid , corrosion resistant and durable with no deformity , mostly suitable for area of intensive oily fumes.
- The air curtain has swing-switch control . The high/low gear speed control can meet the need of various environment.
- Reliable design of motor renders the air curtain to run continuous 5000 hours.

The Three Merits:



All-Metallic Case



Aluminum-Alloy Dual-Directional Air Board



Quality All-Aluminum Alloy Wheel

Technical Parameters of Cross-flow Type Air Curtain (1 Type)

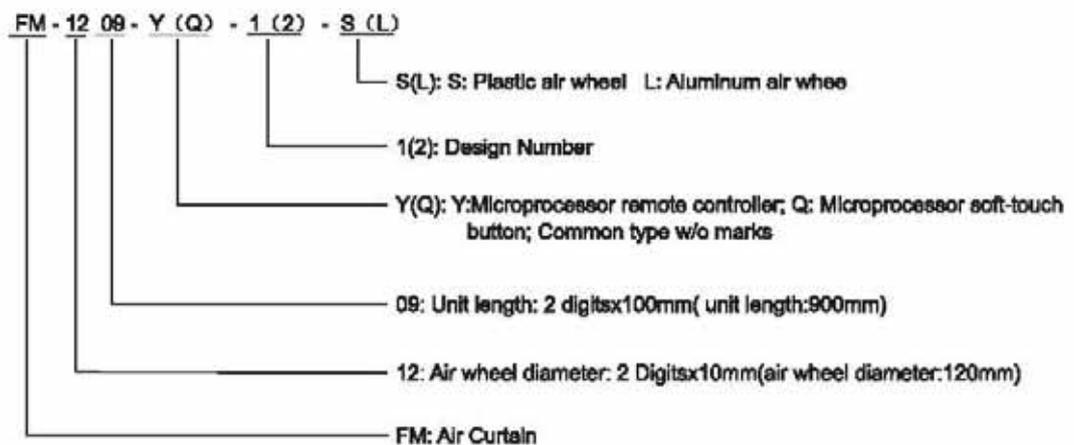
Model No.	Specifier (mm)	Rated Voltage (V~)	Rated Frequency (Hz)	Installation Height (m)	Motor Power (W)		Air Flow (m ³ /h)	Outlet Air Speed (m/s)	Noise (dB)	Unit Size (mm)	Weight (kg)
					High	Low					
FM-1209-1-S	900	220	50	2.3-3.0	192	172	1220	11	57	900×233×204	15.5
FM-1212-1-S	1200				222	200	1710		59	1200×233×204	19.3
FM-1215-1-S	1500				276	248	2230		60	1500×233×204	22.7
FM-1209-Q-1-S	900				192	172	1220		57	900×233×204	15.5
FM-1212-Q-1-S	1200				222	200	1710		59	1200×233×204	19.3
FM-1215-Q-1-S	1500				276	248	2230		60	1500×233×204	22.7
FM-1209-Y-1-S	900				192	172	1220		57	900×233×204	15.5
FM-1212-Y-1-S	1200				222	200	1710		59	1200×233×204	19.3
FM-1215-Y-1-S	1500				276	248	2230		60	1500×233×204	22.7
FM-1209-1-L	900				192	172	1220		57	900×233×204	15.5
FM-1212-1-L	1200				222	200	1710		59	1200×233×204	19.3
FM-1215-1-L	1500				276	248	2230		60	1500×233×204	22.7
FM-1209-Q-1-L	900				192	172	1220		57	900×233×204	15.5
FM-1212-Q-1-L	1200				222	200	1710		59	1200×233×204	19.3
FM-1215-Q-1-L	1500				276	248	2230		60	1500×233×204	22.7
FM-1209-Y-1-L	900				192	172	1220		57	900×233×204	15.5
FM-1212-Y-1-L	1200				222	200	1710		59	1200×233×204	19.3
FM-1215-Y-1-L	1500				276	248	2230		60	1500×233×204	22.7

Remarks:

Different rated voltage and frequency can be realized according to different demands.

Model No. Explanation:

(Cross-Flow Type Air Curtain) :



Sales Office:
70 Hanlan Road, #7 Woodbridge
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Fax: +1-905-851-5336
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www.saifinc.com



— *Cross-flow Type Air Curtain (2 Type)*



- The air curtain adopts forward-bending integral construction, with its wheel undergone optimized design , having the advantage of larger air volume and lower noise . The wheel is an integral construction, delivering steady and even air for a uniform air curtain.
- The air curtain is all-metallic cased , superior in fire-resistance, compact in overall construction , convenient in installation, easy for cleaning, and simple for maintenance.
- The air curtain has a wheel of engineering plastic with fiberglass or a wheel of quality Aluminum-alloy . The wheel is robust , rigid , corrosion resistant and durable with no deformity , mostly suitable for area of intensive oily fumes.
- The air curtain has swing-switch control . The high/low gear speed control can meet the need of various environments.
- Reliable design of motor renders the air curtain to run continuous 5000 hours.

The Four Merits:



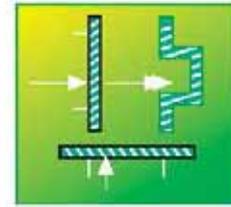
All-Metallic Case
Super 5mm body design



Aluminum-Alloy Single-Directional
Air Board



Quality All-Aluminum Alloy Wheel



Multiple Installation Schemes

Technical parameters of Cross-flow Type Air Curtain (2 Type)

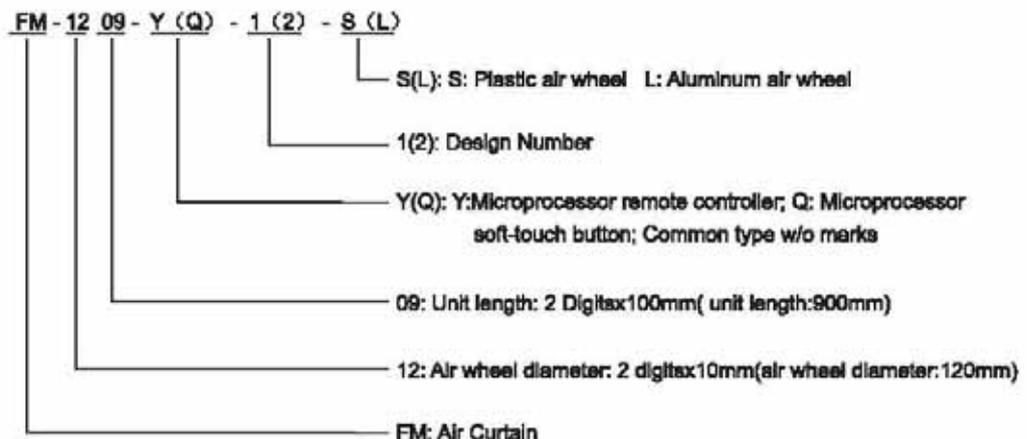
Model No	Speeds (mm)	Rated Voltage (V~)	Rated Frequency (Hz)	Installation Height (m)	Motor Power (W)		Air Flow (m³/h)	Outlet Air Speed (m/s)	Noise (dB)	Unit Size (mm)	Net Weight (kg)
					High	Low					
FM-1209-Q-S	900	220	60	2.5-3.0	195	189	1220	11	57	900×221×183	13.5
FM-1210-Q-S	1000				250	230	1450		58	1000×221×183	14.8
FM-1212-Q-S	1200				280	267	1710		59	1200×221×183	17.0
FM-1215-Q-S	1500				348	313	2230		60	1500×221×183	22.4
FM-1209-Q-2-S	900				195	189	1220		57	900×221×183	13.5
FM-1210-Q-2-S	1000				250	230	1450		58	1000×221×183	14.8
FM-1212-Q-2-S	1200				280	267	1710		59	1200×221×183	17.0
FM-1215-Q-2-S	1500				348	313	2230		60	1500×221×183	22.4
FM-1209-Y-2-S	900				195	189	1220		57	900×221×183	13.5
FM-1210-Y-2-S	1000				250	230	1450		58	1000×221×183	14.8
FM-1212-Y-2-S	1200				280	267	1710		59	1200×221×183	17.0
FM-1215-Y-2-S	1500				348	313	2230		60	1500×221×183	22.4
FM-1209-2-L	900				195	189	1220		57	900×221×183	13.5
FM-1210-2-L	1000				250	230	1450		58	1000×221×183	14.8
FM-1212-2-L	1200				280	267	1710		59	1200×221×183	17.0
FM-1215-2-L	1500				348	313	2230		60	1500×221×183	22.4
FM-1209-Q-2-L	900				195	189	1220		57	900×221×183	13.5
FM-1210-Q-2-L	1000				250	230	1450		58	1000×221×183	14.8
FM-1212-Q-2-L	1200				280	267	1710		59	1200×221×183	17.0
FM-1215-Q-2-L	1500				348	313	2230		60	1500×221×183	22.4
FM-1209-Y-2-L	900				195	189	1220		57	900×221×183	13.5
FM-1210-Y-2-L	1000				250	230	1450		58	1000×221×183	14.8
FM-1212-Y-2-L	1200				280	267	1710		59	1200×221×183	17.0
FM-1215-Y-2-L	1500				348	313	2230		60	1500×221×183	22.4

Remarks:

Different rated voltage and frequency can be realized according to different demands.

Model No. Explanation:

(Cross-flow Type Air Curtain) :



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PTC Type Heating & Cooling Air Curtain(Single Speed)



- This is a cross-flow type air curtain installed with a PTC-type heater. This heater carries no electricity on its body and it won't leak or short circuit in high humidity environments. PTC has automatic temperature control, capable of maintaining the temperature within certain range. Therefore, the PTC heater is highly safe and fast for temperature rising.
- PTC is strong in heat generation, stable and energy saving, fast in generating heat and capable of auto-starting even under -18°C , being an ideal heater.
- The air curtain with the PTC heater is fast in heat exchange as the air is flowing through the fins, the air is fast in temperature rise, effectively acting as an air curtain.
- The air curtain is controlled by microprocessor for normal or warm air. 3-minute off-delay is required for the heater. The heater will be automatically electrically cut-off and the motor is running until the heater has sufficiently cooled itself down, effectively realizing the overheating protection for the heater. Besides, overheating protection device is installed in the heater and it will turn off automatically to protect the heater in case.

The Four Merits :



Switching Cold and Hot as You Like



Leading PTC Heating Technology in the Industry



Starting as Usual under -18°C



Double Protection

Technical Parameters of PTC Cross-flow Type Single Air Speed Heating & Cooling Air Curtain (1 Type)

Model No.	Specification (mm)	Rated Voltage (V~)	Rated Frequency (Hz)	Installation Height (m)	PTC Heater Parameters		Motor Power (W)	Outlet Temperature (°C)	Outlet Air Speed (m/s)	Air Flow (m³/h)	Noise (dB)	Unit Size (mm)	Net Weight (kg)
					PTC Heater Power (W)	Amps./phase (A)							
RM-1209-D/Y-1-S	900	220	50	2.3-3.0	6000	27	135	40-50	5-7	912	55	900×233×204	17
RM-1212-D/Y-1-S	1200				7200	33	205			1280	57	1200×233×204	22
RM-1215-D/Y-1-S	1500				9000	41	218			1670	59	1500×233×204	27
RM-1209-D/Y-1-L	900				6000	27	135			912	55	900×233×204	17
RM-1212-D/Y-1-L	1200				7200	33	205			1280	57	1200×233×204	22
RM-1215-D/Y-1-L	1500				9000	41	218			1670	59	1500×233×204	27
RM-1209-3D/Y-1-S	900	380	50	2.3-3.0	6000	9	135	40-50	6-7	912	55	900×233×204	17
RM-1212-3D/Y-1-S	1200				7200	11	205			1280	57	1200×233×204	22
RM-1215-3D/Y-1-S	1500				9000	14	218			1670	59	1500×233×204	27
RM-1209-3D/Y-1-L	900				6000	9	135			912	55	900×233×204	17
RM-1212-3D/Y-1-L	1200				7200	11	205			1280	57	1200×233×204	22
RM-1215-3D/Y-1-L	1500				9000	14	218			1670	59	1500×233×204	27
RM-1209-3D/Y-1-S-D	900	380	50	2.3-3.0	7000	11	135	50-50	6-7	912	55	900×233×204	17
RM-1212-3D/Y-1-S-D	1200				10000	15	205			1280	57	1200×233×204	22
RM-1215-3D/Y-1-S-D	1500				12000	18	218			1670	59	1500×233×204	27
RM-1209-3D/Y-1-L-D	900				7000	11	135			912	55	900×233×204	17
RM-1212-3D/Y-1-L-D	1200				10000	15	205			1280	57	1200×233×204	22
RM-1215-3D/Y-1-L-D	1500				12000	18	218			1670	59	1500×233×204	27

Technical Parameters of PTC Cross-flow Type Single Air Speed Heating & Cooling Air Curtain (2 Type)

Model No.	Specification (mm)	Rated Voltage (V~)	Rated Frequency (Hz)	Installation Height (m)	PTC Heater Parameters		Motor Power (W)	Outlet Temperature (°C)	Outlet Air Speed (m/s)	Air Flow (m³/h)	Noise (dB)	Unit Size (mm)	Net Weight (kg)
					PTC Heater Power (W)	Amps./phase (A)							
RM-1209-D/Y-2-S	900	220	50	2.3-3.0	8000	27	130	40-50	5-7	912	55	900×221×183	15.8
RM-1210-D/Y-2-S	1000				8000	29	160			1040	56	1000×221×183	17.1
RM-1212-D/Y-2-S	1200				7200	33	188			1280	57	1200×221×183	19.5
RM-1215-D/Y-2-S	1500				9000	41	225			1670	59	1500×221×183	23.5
RM-1209-D/Y-2-L	900				8000	27	130			912	55	900×221×183	15.8
RM-1210-D/Y-2-L	1000				6000	29	160			1040	56	1000×221×183	17.1
RM-1212-D/Y-2-L	1200	7200	33	188	1280	57	1200×221×183	19.5					
RM-1215-D/Y-2-L	1500	9000	41	225	1670	59	1500×221×183	23.5					
RM-1209-3D/Y-2-S	900	380	50	2.3-3.0	6000	9	130	40-50	5-7	912	55	900×221×183	15.5
RM-1210-3D/Y-2-S	1000				8000	10	150			1040	56	1000×221×183	17.1
RM-1212-3D/Y-2-S	1200				7200	11	188			1280	57	1200×221×183	19.5
RM-1215-3D/Y-2-S	1500				9000	14	225			1670	59	1500×221×183	23.5
RM-1209-3D/Y-2-L	900				6000	9	130			912	55	900×221×183	15.5
RM-1210-3D/Y-2-L	1000				8000	10	150			1040	56	1000×221×183	17.1
RM-1212-3D/Y-2-L	1200	7200	11	188	1280	57	1200×221×183	19.5					
RM-1215-3D/Y-2-L	1500	9000	14	225	1670	59	1500×221×183	23.5					

Remarks:

1. For lower or higher heater power can be realized under special order.
2. Different rated voltage and frequency can be realized according to different demands.

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www.saifinc.com



PTC Type Heating & Cooling Air Curtain(Double Speed)



- Adjustable double-speed air curtain can increase the air flow by adjusting the air speed. And adjustable double-heating air curtain can save the electricity by adjusting the power of the heater when the ambient temperature rises up much higher.
- This is a cross-flow type air curtain installed with a PTC-type heater. This heater carries no electricity on its body and it won't leak or short circuit in high humidity. PTC has automatically temperature control, capable of maintaining the temperature within certain range. Therefore, the PTC heater is highly safe and fast for temperature rising.
- PTC is strong in heat generation, stable and energy saving, fast in generating heat and capable of auto-starting even under -18°C , being an ideal heater.
- The air curtain with the PTC heater is fast in heat exchange as the air is flowing through the fins, the air is fast in temperature rise, effectively acting as an air curtain.
- The air curtain is controlled by microprocessor for normal or warm air. 3-minute off-delay is required for the heater. The heater will be automatically electrically cut-off and the motor is running until the heater has sufficiently cooled itself down, effectively realizing the overheating protection for the heater. Besides, overheating protection device is installed in the heater and it will turn off automatically to protect the heater in case.

The Five Merits:



Double Speed

Switching Cold
and Hot as You LikeLeading PTC Heating
Technology in the IndustrySterling as Usual
under -18°C

Double Protection

Technical Parameters Of PTC Cross-flow Type Adjustable Double-air Speed Heating & Cooling Air Curtain (1 Type)

Model No.	Specification (mm)	Rated Voltage (V~)	Rated Frequency (Hz)	Installation Height (m)	PTC Heater Parameters		Motor Power (W)		Outlet Temperature (°C)	Outlet Air Speed (m/s)	Air Flow (m³/h)	Noise (dB)	Unit Size (mm)	Net Weight (kg)				
					PTC Heater Power (W)	App. phase (A)	High	Low										
RM-1209-DY-1-A-B	900	220	50	2.3-3.0	8000	27	138	116	40-60	6-7	912	55	900×233×204	17				
RM-1212-DY-1-A-B	1200				7200	33	206	179			1260	57	1200×233×204	22				
RM-1216-DY-1-A-B	1500				9000	41	216	200			1670	59	1600×233×204	27				
RM-1209-DY-1-A-L	900				6000	27	136	115			912	55	900×233×204	17				
RM-1212-DY-1-A-L	1200				7200	33	206	179			1260	57	1200×233×204	22				
RM-1216-DY-1-A-L	1500				9000	41	216	200			1670	59	1600×233×204	27				
RM-1209-3DY-1-A-B	900			380	50	2.3-3.0	8000	9			138	116	40-60	6-7	912	55	900×233×204	17
RM-1212-3DY-1-A-B	1200						7200	11			206	179			1260	57	1200×233×204	22
RM-1216-3DY-1-A-B	1500						9000	14			216	200			1670	59	1600×233×204	27
RM-1209-3DY-1-A-L	900						8000	9			135	115			912	55	900×233×204	17
RM-1212-3DY-1-A-L	1200						7200	11			206	179			1260	57	1200×233×204	22
RM-1216-3DY-1-A-L	1500						9000	14			216	200			1670	59	1600×233×204	27
RM-1209-3DY-1-A-B-D	900	380	50			2.3-3.0	7000	11	138	116	50-60	6-7			912	55	900×233×204	17
RM-1212-3DY-1-A-B-D	1200						10000	15	206	179					1260	57	1200×233×204	22
RM-1216-3DY-1-A-B-D	1500						12000	18	216	200					1670	59	1600×233×204	27
RM-1209-3DY-1-A-L-D	900						7000	11	135	115					912	55	900×233×204	17
RM-1212-3DY-1-A-L-D	1200						10000	15	206	179					1260	57	1200×233×204	22
RM-1216-3DY-1-A-L-D	1500						12000	18	216	200					1670	59	1600×233×204	27

Technical Parameters Of PTC Cross-flow Type Adjustable Double-heating Heating & Cooling Air Curtain (1 Type)

Model No.	Specification (mm)	Rated Voltage (V~)	Rated Frequency (Hz)	Installation Height (m)	PTC Heater Parameters			Motor Power (W)	Outlet Temperature (°C)	Outlet Air Speed (m/s)	Air Flow (m³/h)	Noise (dB)	Unit Size (mm)	Net Weight (kg)				
					PTC Heater Power (W)		App. phase (A)											
					Low	High												
RM-1209-DY-1-B-B	900	220	50	2.3-3.0	4000	6000	27	135	40-60	6-7	912	55	900×233×204	17				
RM-1212-DY-1-B-B	1200				4800	7200	33	206			1260	57	1200×233×204	22				
RM-1216-DY-1-B-B	1500				6000	9000	41	216			1670	59	1600×233×204	27				
RM-1209-DY-1-B-L	900				4000	6000	27	135			912	55	900×233×204	17				
RM-1212-DY-1-B-L	1200				4800	7200	33	206			1260	57	1200×233×204	22				
RM-1216-DY-1-B-L	1500				6000	9000	41	216			1670	59	1600×233×204	27				
RM-1209-3DY-1-B-B	900			380	50	2.3-3.0	4000	6000			9	135	40-60	6-7	912	55	900×233×204	17
RM-1212-3DY-1-B-B	1200						4800	7200			11	206			1260	57	1200×233×204	22
RM-1216-3DY-1-B-B	1500						6000	9000			14	216			1670	59	1600×233×204	27
RM-1209-3DY-1-B-L	900						4000	6000			9	135			912	55	900×233×204	17
RM-1212-3DY-1-B-L	1200						4800	7200			11	206			1260	57	1200×233×204	22
RM-1216-3DY-1-B-L	1500						6000	9000			14	216			1670	59	1600×233×204	27
RM-1209-3DY-1-B-B-D	900	380	50			2.3-3.0	4800	7000	11	135	50-60	6-7			912	55	900×233×204	17
RM-1212-3DY-1-B-B-D	1200						6400	10000	15	206					1260	57	1200×233×204	22
RM-1216-3DY-1-B-B-D	1500						8000	12000	18	216					1670	59	1600×233×204	27
RM-1209-3DY-1-B-L-D	900						4800	7000	11	135					912	55	900×233×204	17
RM-1212-3DY-1-B-L-D	1200						6400	10000	15	206					1260	57	1200×233×204	22
RM-1216-3DY-1-B-L-D	1500						8000	12000	18	216					1670	59	1600×233×204	27

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Technical Parameters Of PTC Cross-flow Type Adjustable Double-air Speed Heating & Cooling Air Curtain (2 Type)

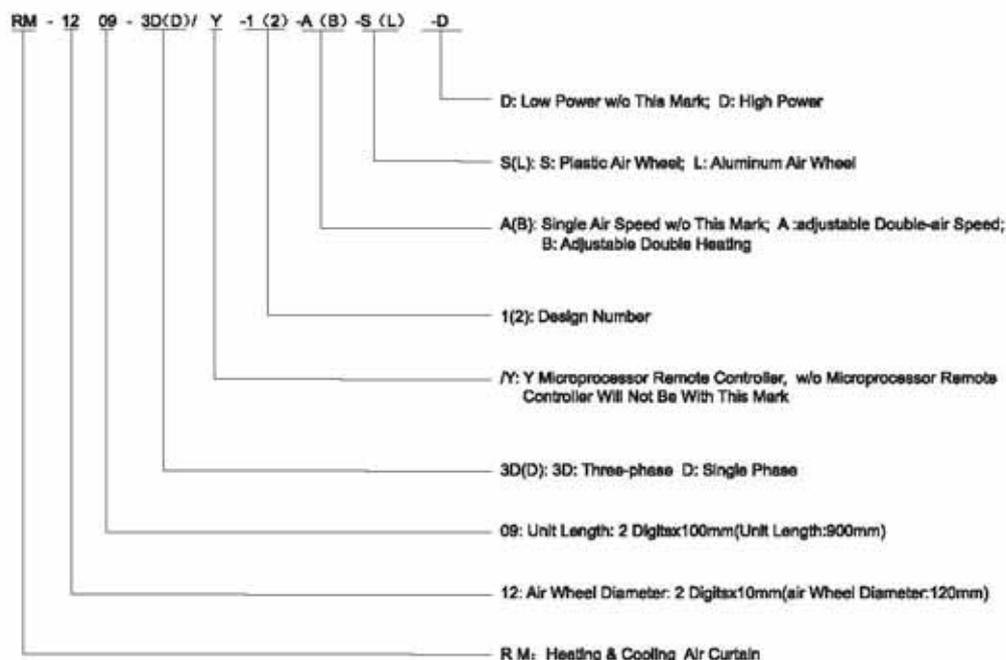
Model No.	Spec Size (mm)	Rated Voltage (V~)	Rated Frequency (Hz)	Installation Height (m)	PTC Heater Parameters		Motor Power (W)		Outlet Temperature (°C)	Outlet Air Speed (m/s)	Air Flow (m³/h)	Noise (dB)	Unit Size (mm)	Net Weight (kg)									
					PTC Heater Power (W)	Amp./Phase (A)	High	Low															
RM-1209-D/Y-2-A-S	900	220	50	2.3-3.0	6000	27	130	110	40-50	6-7	912	56	900×221×183	15.5									
RM-1210-D/Y-2-A-S	1000				6000	29	150	125					1040	56	1000×221×183	17.1							
RM-1212-D/Y-2-A-S	1200				7200	33	168	143					1280	57	1200×221×183	19.5							
RM-1215-D/Y-2-A-S	1500				9000	41	225	190					1670	59	1500×221×183	3.5							
RM-1209-D/Y-2-A-L	900				6000	27	130	110					912	56	900×221×183	15.5							
RM-1210-D/Y-2-A-L	1000				6000	29	150	125					1040	56	1000×221×183	17.1							
RM-1212-D/Y-2-A-L	1200				7200	33	168	143					1280	57	1200×221×183	19.5							
RM-1215-D/Y-2-A-L	1500				9000	41	225	190					1670	59	1500×221×183	3.5							
RM-1209-3D/Y-2-A-S	900				380	50	2.3-3.0	6000					9	130	110	40-50	6-7	912	56	900×221×183	15.5		
RM-1210-3D/Y-2-A-S	1000							6000					10	150	125					1040	56	1000×221×183	17.1
RM-1212-3D/Y-2-A-S	1200							7200					11	168	143					1280	57	1200×221×183	19.5
RM-1215-3D/Y-2-A-S	1500							9000					14	225	190					1670	59	1500×221×183	3.5
RM-1209-3D/Y-2-A-L	900							6000					9	130	110					912	56	900×221×183	15.5
RM-1210-3D/Y-2-A-L	1000							6000					10	150	125					1040	56	1000×221×183	17.1
RM-1212-3D/Y-2-A-L	1200							7200					11	168	143					1280	57	1200×221×183	19.5
RM-1215-3D/Y-2-A-L	1500	9000	14	225				190	1670	59	1500×221×183	3.5											

Remarks:

- For lower or higher heater power can be realized under special order.
- Different rated voltage and frequency can be realized according to different demands.

Model No. Explanation:

(PTC Type Heating & Cooling Air Curtain) :



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Industrial Centrifugal Type Air Curtain



- Industrial air curtain widely used in factories and warehouses which require higher installation height. Effectively prevent the different temperature of outdoor and indoor, dust, odour, insect etc to keep the inside temperature and cleanliness.
- The air curtain is made of centrifugal type forward-bending blade wheel construction, fitted with efficient volute design, rendering the capacity of the curtain for the best result. This type of wheel is high efficient, less noisy, with large air volume, high pressure, and long shooting range, unmatched by any other air curtains in the market.
- The air curtain is all-metallic cased, advantage in fire resistance, compact in overall construction, convenient in installation, easy for cleaning and maintenance.
- Various installation heights: 5.0m, 5.5m, 6.0m.

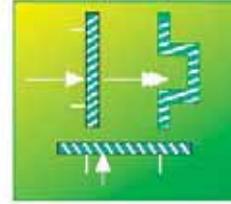
The Three Merits:



High Efficient
Centrifugal Air Wheel and
Volute Design



All-metallic Case Construction



Multiple Installation Schemes

Industrial Centrifugal Type Air Curtain

Model No.	Spindle (mm)	Rated Voltage (V~)	Rated Frequency (Hz)	Installation Height (m)	Motor Power (W)	Amp /phase (A)	Air Flow (m ³ /h)	Outlet Air Speed (m/s)	Noise (dB)	Unit Size (mm)	Net Weight (kg)		
IFM-5009	900	380	50	4.5-6.0	1100	3.5	4470	24	77	900 x 397 x 320	42		
IFM-5010	1000				1100	3.5	4970		79	1000 x 397 x 320	45		
IFM-5012	1200				1100	3.5	5060		81	1200 x 397 x 320	49		
IFM-5509	900			5.0-5.5	2200	6.5	4870	27	80	900 x 397 x 320	44		
IFM-5510	1000				2200	6.5	5200		82	1000 x 397 x 320	48		
IFM-5512	1200				2200	6.5	8220		84	1200 x 397 x 320	52		
IFM-8009	900				5.5-6.0	3000	9.0		4880	30	82	900 x 397 x 320	47
IFM-8010	1000					3000	9.0		5400		84	1000 x 397 x 320	51
IFM-8012	1200					3000	9.0		8480		86	1200 x 397 x 320	55

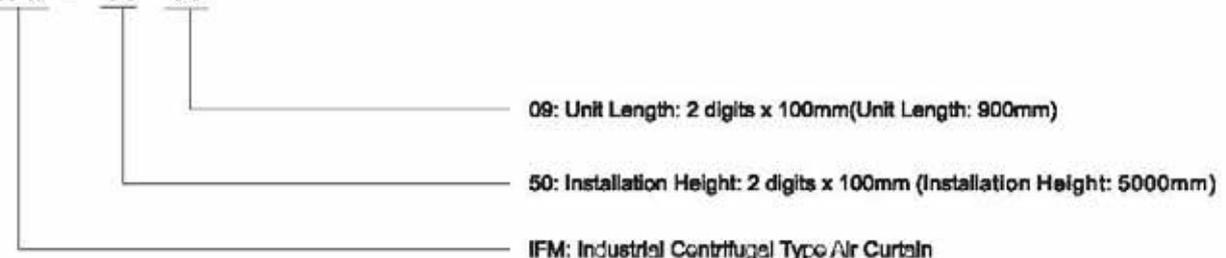
Remarks:

- 1、 Different rated voltage and frequency can be realized according to different demands.
- 2、 For Models Installation Height Above 6.0m Should Be Advanced Booked.
- 3、 All the above models are without microprocessor remote controls. Can be offered microprocessor remote control if demands.

Model No. Explanation:

(Industrial Centrifugal Type Air Curtain) :

IFM - 50 09



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Vertical Air-In Centrifugal Type Air Curtain



- Dust free on the surface.
- Less noise.
- The air curtain is made of centrifugal type forward-bending blade wheel construction , fitted with efficient volute design, rendering the capacity of the curtain for the best result . This type of wheel is highly efficient, less noisy, with large air volume (max. Air speed reaching 20 m/s), high pressure, and long shooting range, unmatched by any other air curtains in the market ,
- The air curtain is all-metallic cased , high in fire resistance , compact in over all construction, convenient in installation, easy for cleaning and maintenance.
- The air curtain has piano-button control , microprocessor soft - touch control or microprocessor remote control , the high/low gear speed control can meet the need of various environment .
- Reliable designed motor can run 5000 hours continuously.
- Multiple installation specifications : body dimension of 600mm , 900mm , 1000mm, 1200mm , and 1500mm
- Various suitable installation heights: 3.0m, 3.5m, 4.0m, and 4.5m.

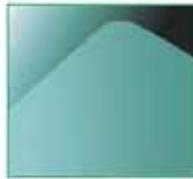
The Five Merits:



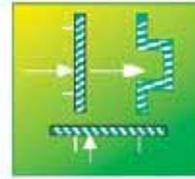
Low noise



High Efficient Centrifugal Air Wheel and Volute Design



All-metallic Case Construction



Multiple Installation Schemes



Smart On/Off Design

Technical Parameters of Vertical Air-In Centrifugal Type Air Curtain(D TYPE)

Model No.	specification (mm)	Rated Voltage (V~)	Rated Frequency (Hz)	Installation height (m)	Power(W)		Air Speed(m/s)		Air Flow (m³/h)	Noise (dB(A))		Unit Size (mm)	Net Weight (kg)
					High	Low	High	Low		high	Low		
FM3006D.FM3006DQ.FM3006DY	600	220	50	2.3~3.0	185	135	11.2	9.8	532	48	44	800 x 230 x 212	8.8
FM3009D.FM3009DQ.FM3009DY	900				205	215	11.2	9.8	798	49	45	900 x 230 x 212	15.3
FM3010D.FM3010DQ.FM3010DY	1000				235	218	11.2	9.8	798	49	45	1000 x 230 x 212	16.9
FM3012D.FM3012DQ.FM3012DY	1200				310	290	11.2	9.8	1084	50	48	1200 x 230 x 212	19.0
FM3015D.FM3015DQ.FM3015DY	1500				388	350	11.2	9.8	1330	51	48	1500 x 230 x 212	22.8
FM3006D.FM3006DQ.FM3006DY	600				211	191	14.3	12.5	580	51	48	800 x 230 x 212	8.8
FM3509D.FM3509DQ.FM3509DY	900			316	298	14.3	12.5	1020	52	49	900 x 230 x 212	15.3	
FM3510D.FM3510DQ.FM3510DY	1000			318	296	14.3	12.5	1020	52	49	1000 x 230 x 212	16.9	
FM3512D.FM3512DQ.FM3512DY	1200			422	402	14.3	12.5	1360	53	50	1200 x 230 x 212	19.0	
FM3816D.FM3816DQ.FM3816DY	1800			627	487	14.3	12.6	1700	56	52	1600 x 230 x 212	22.8	
FM4006D.FM4006DQ.FM4006DY	600			235	205	18.8	16.5	932	58	52	800 x 230 x 212	8.9	
FM4009D.FM4009DQ.FM4009DY	900			338	300	18.8	16.6	1338	57	53	900 x 230 x 212	16.3	
FM4010D.FM4010DQ.FM4010DY	1000			398	300	18.8	16.6	1398	57	53	1000 x 230 x 212	16.9	
FM4012D.FM4012DQ.FM4012DY	1200			470	410	18.8	16.6	1864	58	54	1200 x 230 x 212	19.0	
FM4016D.FM4016DQ.FM4016DY	1800			673	508	18.8	16.6	2330	60	57	1600 x 230 x 212	22.8	
FM4506D.FM4506DQ.FM4506DY	600			280	246	20.0	17.5	950	62	59	800 x 230 x 212	9.8	
FM4509D.FM4509DQ.FM4509DY	900			490	382	20.0	17.5	1429	63	60	900 x 230 x 212	15.3	
FM4510D.FM4510DQ.FM4510DY	1000			460	392	20.0	17.5	1425	63	60	1000 x 230 x 212	16.9	
FM4512D.FM4512DQ.FM4512DY	1200			680	487	20.0	17.6	1900	64	61	1200 x 230 x 212	19.0	
FM4816D.FM4816DQ.FM4816DY	1800			730	636	20.0	17.6	2378	67	64	1600 x 230 x 212	22.8	

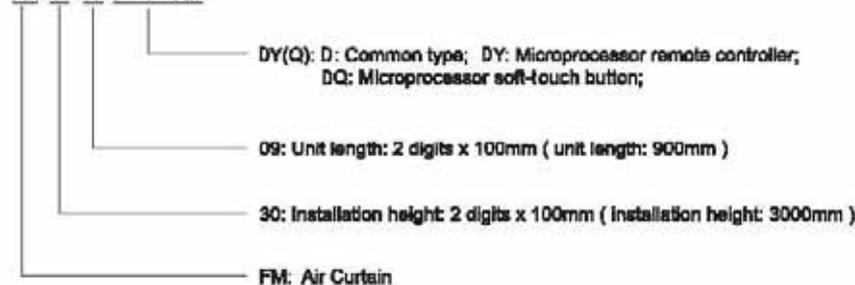
Remarks:

1. Different rated voltage and frequency can be realized according to different demands.
2. For Models Installation Height Above 4.5m Should Be Advanced Booked.

Model No. Explanation:

(Vertical Air-In Centrifugal Type Air Curtain :)

FM 30 09 D Y (Q)



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Water Heating Air Curtain



- With optimized all-metal housing, superior in fire resistance, compact in overall construction, convenient for installation and simple for maintenance.
- Based in cross-flow type air curtain, built with the heat exchanger, the heating is carried out by the flow air when operating.
- Uses heating water as medium, saving electric energy when the heating water is applied directly from other sources, to advantage in safety and environment.
- Easily operated by microprocessor remote control.
- Adopted external rotor motor which features in compact size, little abrasion, low noise, stable performance, with advanced heat releasing and long life.
- Applied quality aluminum fan wheel with perfect rigidity, anti-corrosion and never deforms.

The Four Merits :



Leading in the line of heat exchanger



Aluminum-Alloy Double-Directional Air Guard Piece



Quality All-Aluminum Alloy Wheel



All-metallic Case Construction

Model No. Explanation:

Model No.	Rated Voltage / Frequency	Indoor Temperature (°C)	Manometer's Pressure (kg/cm ²)	Medium Temperature		Medium Flux (kg/h)	Coiled Pipe's Row Quantity And Place	Heat Releasing Power (Kw)	Motor Power (W)	Air Flow (m ³ /h)	Outlet Air Speed (m/s)	Outlet Temperature (°C)	Noise (dB)	Unit Size (mm)
				Inlet (°C)	Outlet (°C)									
RM-1210-W-1-L	220V- / 60Hz	5	3-4	70	80	1343	1 8	16	150	1179	8	42	58	1000X332X217
RM-1212-W-1-L				70	80	1664	1 8	19	200	1481	8	42	58	1200X332X217
RM-1215-W-1-L				70	80	2204	1 8	24	250	1935	8	42	60	1600X332X217

Remarks:

Different rated voltage and frequency can be realized according to different demands.

Technical Parameters:

(Water Heating Air Curtain)

RM - 12 - 10 - W - 1 - L(S)

L(S): L: Aluminum Air Wheel ; S: Plastic Air Wheel

1: Design Number

W: Water Heating Type

10: Unit Length: 2 Digits x 100mm(Unit Length: 1000mm)

12: Air Wheel Diameter: 2 Digits x 10mm(Air Wheel Diameter: 120mm)

RM: Heating & Cooling Air Curtain

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Blind Ventilating Fan(All-metal)

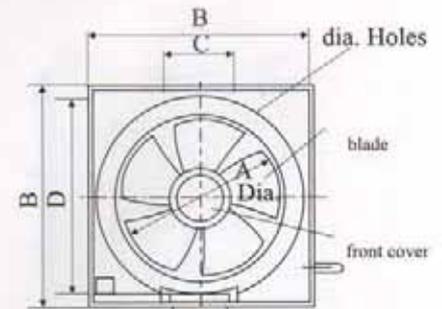
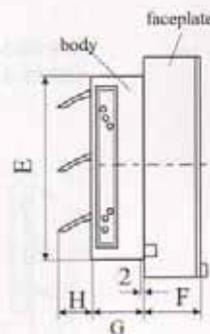


- Faceplate and cover are made of super-quality ABS engineering plastics.
- The painted metal frame is antirust and more durable .
- Five-blades configuration creates larger air volume than the normal six-blades designs.
- High-precision balanced electric motor made of high-performance materials ensures low noise, low power consumption and long operation life.
- Durable motor with inner fuse protection.

Products, models and structure drawings

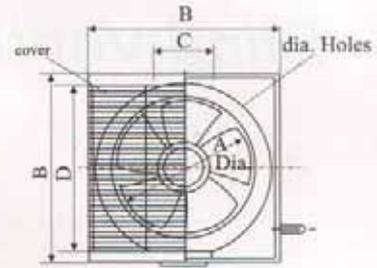
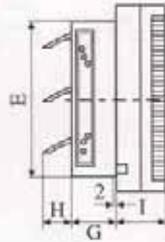


APB15-3-A APB20-4-A
 APB25-5-A APB30-6-A

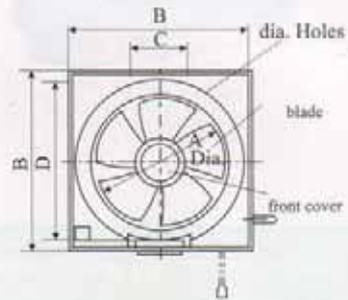
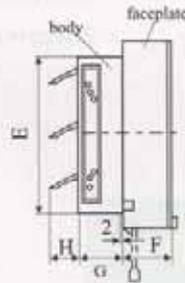




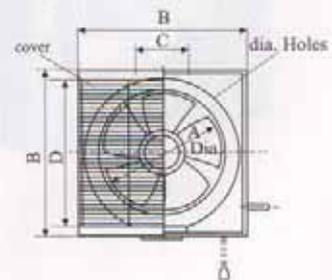
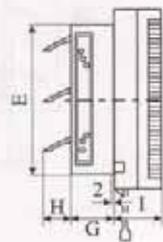
APB15-3-B APB20-4-B
 APB25-5-B APB30-6-B



APB15-3-C APB25-5-C APB20-4-C APB30-6-C
 ASB15-3-A ASB25-5-A ASB20-4-A ASB30-6-A



APB15-3-D APB25-5-D APB20-4-D APB30-6-D
 ASB15-3-B ASB25-5-B ASB20-4-B ASB30-6-B



Outer appearance and dimensions of parts

Units: mm

Specifications	A	B	C	D	E	F	G	H	I
150	150	240		197	170	52	75	55	87
200	200	303	60	266	240	50	71	83	92
250	250	350	110	313	290	50	80	58	92
300	300	400		380	340	45	90	75	85

Technical parameters

Type	Model No.	Specifications (mm)	Air volume (m ³ /min)		Noise (dB)		Power(W)	SET / CTN	MEASUREMENT	
			Output	Input	Output	Input				
Wind pressure	Normal	APB15-3-A	150	4.5		38		20	6	565X495X320
		APB20-4-A	200	8.2		41		30	6	705X486X356
		APB25-5-A	250	12.5		43		36	4	645X400X400
		APB30-6-A	300	18.2		49		40	4	690X450X450
	Luxury	APB15-3-B	150	4.5		39		20	6	565X575X320
		APB20-4-B	200	8.2		42		30	6	695X575X356
		APB25-5-B	250	12.5		44		36	4	795X400X400
		APB30-6-B	300	18.2		50		40	4	835X450X450
Single Way	Normal	APB15-3-C	150	4.5		38		20	6	565X495X320
		APB20-4-C	200	8.2		41		30	6	705X486X356
		APB25-5-C	250	12.5		43		36	4	645X400X400
		APB30-6-C	300	18.2		49		40	4	690X450X450
	Luxury	APB15-3-D	150	4.5		39		20	6	565X575X320
		APB20-4-D	200	8.2		42		30	6	695X575X356
		APB25-5-D	250	12.5		44		36	4	795X400X400
		APB30-6-D	300	18.2		50		40	4	835X450X450
Double Ways	Normal	ASB15-3-A	150	4.5	3.2	38	45	20	6	565X495X320
		ASB20-4-A	200	8.2	6.5	41	47	30	6	705X486X356
		ASB25-5-A	250	12.5	10.5	43	48	36	4	645X400X400
		ASB30-6-A	300	18.2	14.7	49	53	40	4	690X450X450
	Luxury	ASB15-3-B	150	4.5	3.2	39	46	20	6	565X575X320
		ASB20-4-B	200	8.2	6.5	42	48	30	6	695X575X356
		ASB25-5-B	250	12.5	10.5	44	49	36	4	795X400X400
		ASB30-6-B	300	18.2	14.7	50	53	40	4	835X450X450

Blind Ventilating Fan(All-plastic)



APB -E

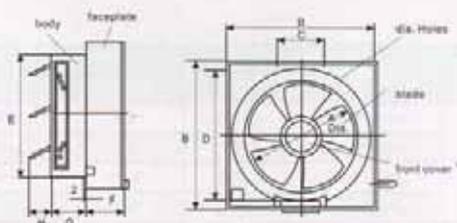
- It is made of fine plastic, light and easy to install.
- The precise balanced motor made of high performance material is guaranteed by the wind-pressure, successive-motion and two-way motion and double voltage, which reduces the noise of the ventilator, the consumption of electricity and increases the durability.
- The safety and reliability of the motor is made by the built-in fuse-break protection device.



APB -F



ASB -G



Outer appearance and dimensions of parts

Unit: mm

Specifications	A	B	C	D	E	F	G	H
150	150	230		195	190	50	80	72
200	200	305		240	233	41	90	60
250	250	334		280	274	49	85	70
300	300	360		345	340	45	100	90

Technical parameters

Type	Model No.	(mm) Minimum	Air volume (m ³ /min)		Noise (dB)		Power(W)	SETCN	MEASUREMENT
			Output	Inlet	Output	Inlet			
Wind pressure	APB15-3-E	150	4.5		38		20	6	510x470x270
	APB20-4-E	200	8.2		41		30	6	610x440x320
	APB25-5-E	250	12.5		43		36	4	610x365x405
	APB30-6-E	300	18.2		49		40	4	635x415x450
Single way	APB15-3-F	150	4.5		38		20	6	510x470x270
	APB20-4-F	200	8.2		41		30	6	610x440x320
	APB25-5-F	250	12.5		43		36	4	610x365x405
	APB30-6-F	300	18.2		49		40	4	635x415x450
Double ways	ASB15-3-G	150	4.5	3.2	38	45	20	6	510x470x270
	ASB20-4-G	200	8.2	6.5	41	47	30	6	610x440x320
	ASB25-5-G	250	12.5	10.5	43	48	36	4	610x365x405
	ASB30-6-G	300	18.2	14.7	49	53	40	4	635x415x450

Bath-room, Display Window Ventilating Fan



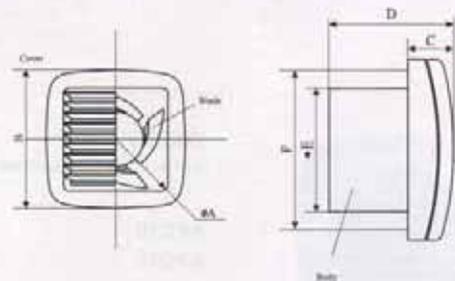
- Made of super-quality engineer plastic
- Super mute
- High efficient and low consumption
- Ultrathin light and handy
- Wear well

Products, models and structure drawings



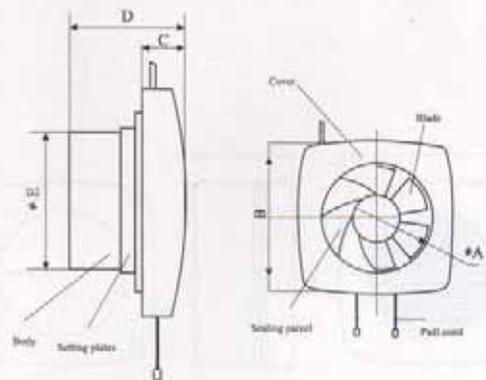
BATH-ROOM
VENTILATING FAN

APC10-2-B
APC15-3-C



DISPLAY WINDOW
VENTILATING FAN

APC10-2-A
APC15-3-B



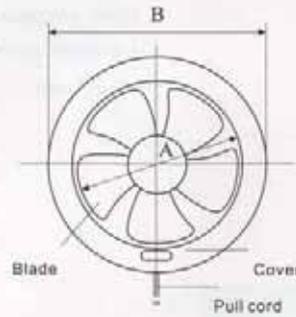
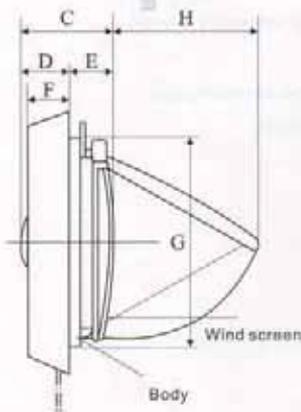
Outer appearance and dimensions of parts

DISPLAY WINDOW VENTILATING FAN

APC20-4-A
APC15-3-A

Units: mm

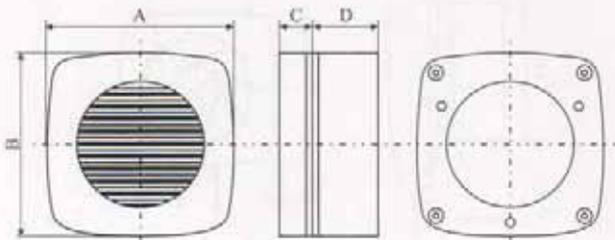
Model	A	B	C	D	E	F	G	H
APC10-2-B	90	146	46	107	98	115		
APC15-3-C	138	200	54	126	145	160		
APC10-2-A	100	188	33	101.5	110			
APC15-3-B	150	235	35	106.5	156			
APC15-3-A	150	208	85	44	41	40	177	(130)
APC20-4-A	200	272	104	50	54	43	238	(180)
APC10	148	148	21	58				
APC15	200	200	31	56				



Technical parameters

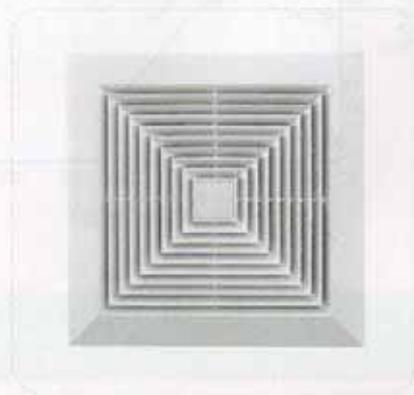
WINDOW KIT (BATH-ROOM VENTILATING FAN FITTINGS)

APC10
APC15



Model	Rating Voltage [V]	Rating Frequency [Hz]	Power [W]	Air Volume [m ³ /min]	Noise [dB]	SET/CTN	Measurement [mm]
APC10-2-B	220	50	13	1.5	51	18	475 × 245 × 480
APC15-3-C	220	50	19	4.5	44	16	550 × 430 × 430
APC10-2-A	220	50	10	1.9	42	16	425 × 405 × 415
APC15-3-B	220	50	24	4.3	45	16	495 × 445 × 505
APC15-3-A	220	50	19	4.3	45	6	495 × 325 × 250
APC20-4-A	220	50	23	6.4	49	6	625 × 370 × 320

Ceiling Ventilating Fan

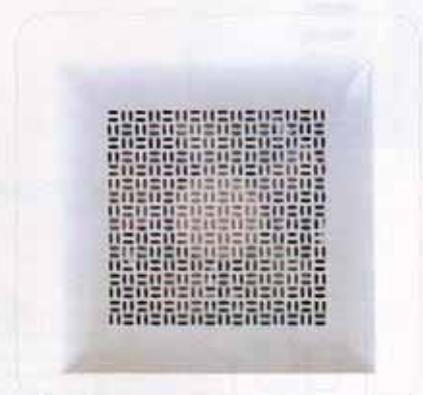


- Faceplates are made of imported ABS plastics with high tenacity through the imported precision molds and excellent injection processes.
- Best materials for motor insulation are used along with the sophisticated baking finish process.
- The optimized five-blade design makes the air volume larger and the fanning stronger.
- The unique balance checks for low vibration and the high-precision balance control ensure the most effective control of the vibration and noise.
- Motors are equipped with automatic protection for overheating.

Products, models and structure drawings



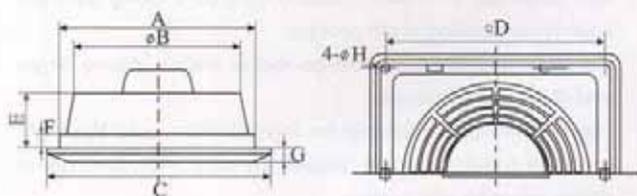
APT20-4-1



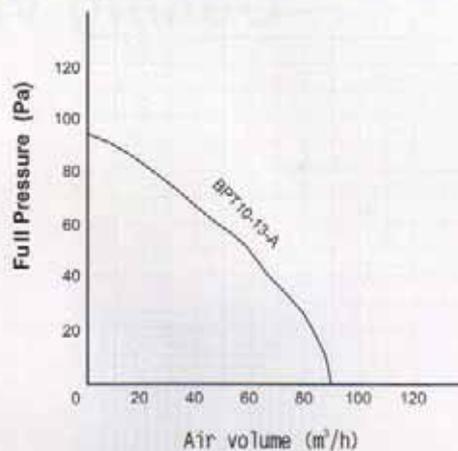
APT20-4-E
APT25-5-E



APT25-5-1
APT30-6-1
APT20-4-2



Performance profile drawings

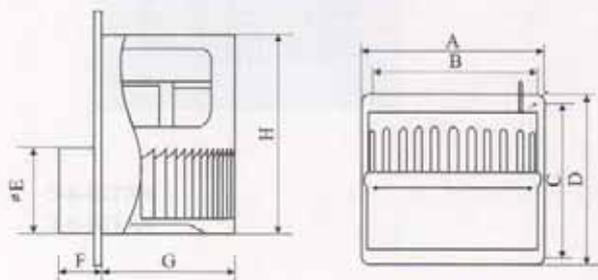


Outer appearance and dimensions of parts



Partition/ceiling/pipe-type
Ventilating fan

BPT10-13-A



Units: mm

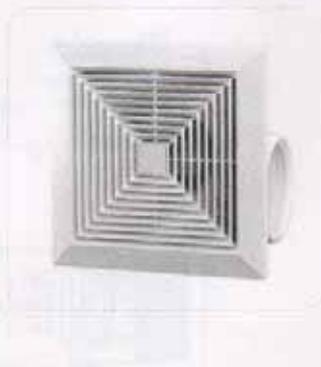
Model	A	B	C	D	E	F	G	H
BPT10-13-A	170	150	170	190	100	41	123	125
APT20-4-1 APT20-4-E	252	220	300	265	90	18	20	5
APT20-4-2	252	220	300	265	90	18	20	5
APT25-5-1 APT25-5-E	310	270	365	336	95	20	30	5
APT30-6-1	385	320	435	406	98	22.5	30	5

Technical parameters

Model	Rating voltage (V)	Rating frequency (Hz)	Power (W)	Air volume (m³/h)	Noise (dB)	Set size	Standard size
BPT10-13-A	220	50	14	1.8	38	12	545×405×365
APT20-4-1 APT20-4-E	220	50	30	7.0	36	4	675×340×340
APT20-4-2	220	50	30	7.0	36	4	675×340×340
APT25-5-1 APT25-5-E	220	50	40	11.0	43	4	700×410×410
APT30-6-1	220	50	40	16.4	43	4	740×470×470

Tubular Ventilating Fan

Products, models and structure drawings

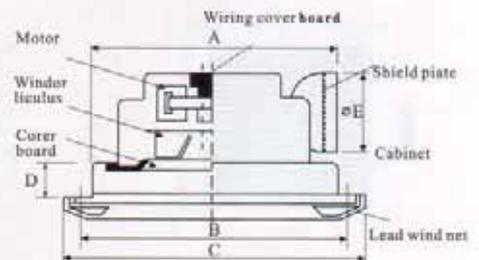


BPT12-13-A
 BPT10-24-B
 BPT15-24-A
 BPT15-34-A
 BPT16-34-C
 BPT16-35-A

- Low consumption of power electrical voltage design
- Saving installation space design
- Multiple air flow direction
- Automatic protection for motor overheating



BPT12-13-AX
 BPT10-24-BX
 BPT15-24-AX
 BPT15-34-AX



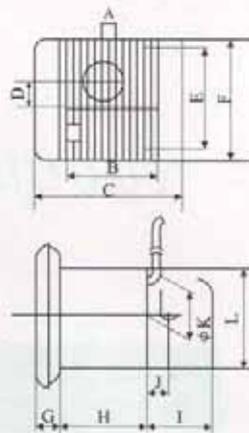
BPT12-13-E
 BPT10-24-F
 BPT15-24-E
 BPT15-34-E
 BPT16-34-E
 BPT16-35-E

- Low consumption of power
- Saving installation space
- Automatic protection for motor overheating



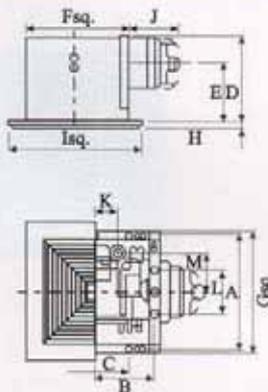
BPT10-14-A
BPT12-13-B

- Super quiet designing
- Low consumption of electrical voltage design
- Air conditioning wind direction
- Automatic protection for motor overheating
- Elegant appearance



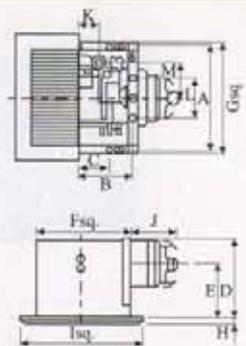
BPT14-12-AH
BPT14-23-AH
BPT14-23-BH

- Super quiet designing
- Low consumption of Power
- Multiple air flow direction
- Iron case
- Automatic protection for motor overheating
- Powerful wind pressure design

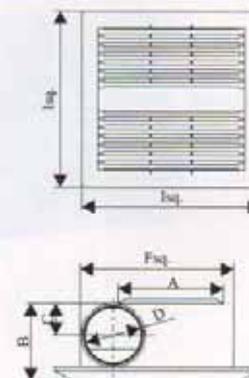


BPT14-12-A
BPT14-23-A
BPT14-23-B

- Super quiet designing
- Low consumption of electrical voltage design
- Air conditioning wind direction
- Iron case
- Automatic protection for motor overheating

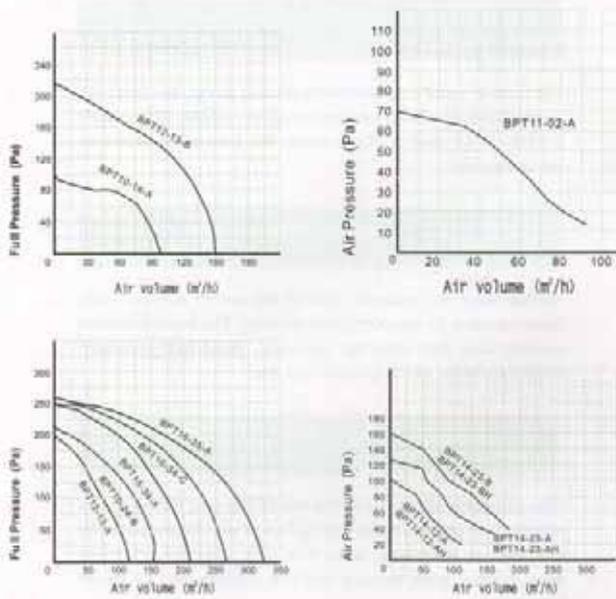


- Super slim design
- Energy saving design
- Steel body case
- Easy dismounting & cleaning design



BPT11-02-A

Performance profile drawings



Technical parameters

Model	Rating Voltage (V~)	Rating Frequency (Hz)	Power (W)	Air volume (DMH)	Noise (dB)	MTBF (h)	Measurement (mm)
BPT10-14-A	220	50	18	96	37	8	580×460×425
BPT12-13-B	220	50	28	150	42	8	635×530×515
BPT12-13-A BPT12-13-E BPT12-13-AX	220	50	24	120	40	4	525×275×475
BPT10-24-B BPT10-24-F BPT10-24-BX	220	50	28	150	42	4	585×300×485
BPT15-24-A BPT15-24-E BPT15-24-AX	220	50	31	180	36	4	855×335×485
BPT15-34-A BPT15-34-E BPT15-34-AX	220	50	34	210	37	4	655×335×495
BPT16-34-C BPT16-34-E	220	50	36	270	39	4	785×400×525
BPT16-35-A BPT16-35-E	220	50	38	330	43	4	785×400×525
BPT14-12-A BPT14-12-AH	220	50	27	120	36	4	625×400×450
BPT14-23-A BPT14-23-AH	220	50	29	150	37	4	625×400×450
BPT14-23-B BPT14-23-BH	220	50	32	180	39	4	625×400×450
BPT11-02-A	220	50	23	90	45	8	538×242×540

Outer appearance and dimensions of parts

Units: mm

Model	A	B	C	D	E	F
BPT10-14-A	8	180	258	36	170	218
BPT12-13-B	0	240	305	48	216	250
Model	G	H	I	J	K	L
BPT10-14-A	22	140	90	26	75	156X199
BPT12-13-B	27	180	115	32	92	203X256

Units: mm

Model	A	B	C	D	E	Fsq	Gsq
BPT14-12-A BPT14-23-A BPT14-23-B	256	126	140	200	135	230	270
BPT14-12-AH BPT14-23-AH BPT14-23-BH	256	126	140	200	135	230	270
BPT11-02-A	130	103	42	70	—	192	—
Model	H	Isq	J	K	L	M	
BPT14-12-A BPT14-23-A BPT14-23-B	13	300	108	45	90	87	
BPT14-12-AH BPT14-23-AH BPT14-23-BH	13	300	108	45	90	87	
BPT11-02-A	—	254	—	—	—	—	

Units: mm

Model	A	B	C	D	E
BPT12-13-A BPT12-13-E BPT12-13-AX	204	218	246	40	100
BPT10-24-B BPT10-24-F BPT10-24-BX	228	242	270	40	100
BPT15-24-A BPT15-24-E BPT15-24-AX	248	268	300	42	125
BPT15-34-A BPT15-34-E BPT15-34-AX	248	268	300	42	125
BPT16-34-C BPT16-34-E	310	330	365	37	148
BPT16-35-A BPT16-35-E	310	330	365	37	148

All-Metal Tubular Ventilating Fan



Falconer all-metal duct-type air interchanging fan enjoys the title of "Fireproof Pacesetter". It is one of the new-generation key products newly launched by Falconer. This product makes extensive use of the advantages of other products by taking daring innovation measures in motor, blades and wind wheel. Especially the bringing forth of the 5th generation wind wheel is the clear indication that Falconer products have taken the leading position in the particular industry of ventilation.

Seiko NSK bearings ensure long duration.

The Seiko NSK ball bearings of Japan have the bearing capacity as large as 30000 rotations per minute. When they are applied to the electric motor with rotations less than 1000 per minute, the operation life of the air interchanging fan is made much longer.

Super-thin designing means a revolutionary innovation.

The compact size of Falconer products is only one-third of the similar products by other manufacturers, which signifies a revolutionary improvement in the designing of air interchanging fans.

Scientifically designed ducts make the air interchanging quieter.

By applying unique technology, the ducts are improved in a scientific way, which greatly enlarges the wind wheel space, avoids the noise resulting from the crossing of air flows and the air flow vortex and makes the air interchanging natural and ideal.

Large varieties of products offer more options for end-users.

There are large varieties in specifications and models, with external rotor motor and internal rotor motor for options to meet different installation demands.

Configuration of all metals ensures absolute fire proof.

The unique metal manufacturing process brings the fireproof performance to almost perfection, which enables the product suitable to be used in places where fire control requirements are stringent.

External rotor motor demonstrates superlative advantages.

Falconer takes the domestic lead in the use of external rotor electric motors in the ventilation industry. The motors feature compact size, little wearing, low noise, good heat radiation, stable operation and long operation life.

Aluminum-alloy wind wheel represents an innovative new generation.

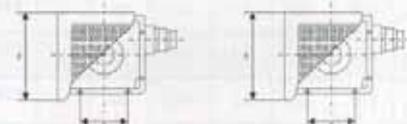
The reasonable designing of the fan blades and the advanced roll-pressing process make the radian of the blades perfectly desirable. It effectively raises the wind pressure, increases wind volume, quiet fanning and low consumption of power energy.

Products, models and structure drawings.

METALLIC TUBULAR VENTILATING FAN

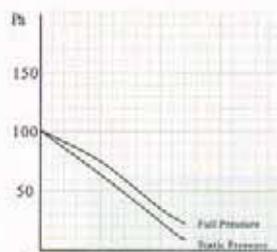


External Rotor Motor	Internal Rotor Motor
BPT16-12-A	BPT16-12-B
BPT16-23-A	BPT16-23-B
BPT18-24-A	BPT18-24-B
BPT18-34-A	BPT18-34-B
BPT18-35-A	BPT18-35-B
BPT20-45-A	BPT20-45-B
BPT20-45-C	BPT20-45-D
	BPT20-55-B
	BPT20-56-B
	BPT20-56-D

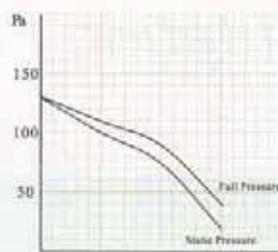


External rotor motor tubular ventilating fan Internal rotor motor tubular ventilating fan

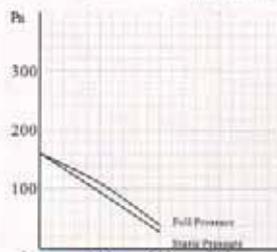
Performance profile drawings



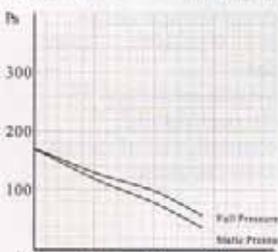
BPT16-12-A
BPT16-12-B



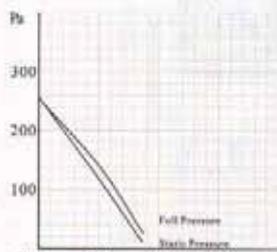
BPT16-23-A
BPT16-23-B



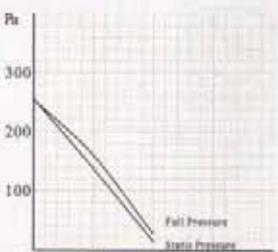
BPT18-24-A
BPT18-24-B



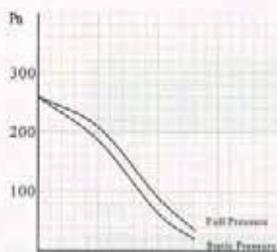
BPT18-34-A
BPT18-34-B



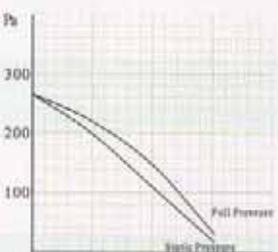
BPT18-35-A
BPT18-35-B



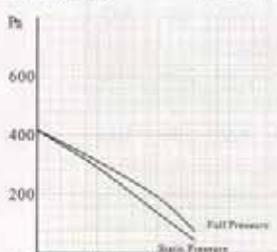
BPT20-45-A
BPT20-45-B



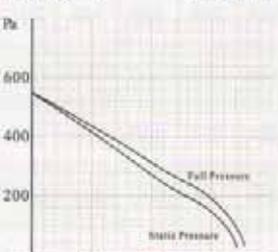
BPT20-45-C
BPT20-45-D



BPT20-55-B



BPT20-56-B



BPT20-56-D

Outer appearance and dimensions of parts

Units: mm

Model	A	B	C	D	E
BPT16-12-A	100	160	242	169	297
BPT16-12-B				199	
BPT16-23-A				169	
BPT16-23-B				199	
BPT18-24-A	125	180	279	191	345
BPT18-24-B				226	
BPT18-34-A				191	
BPT18-34-B				226	
BPT18-35-A				191	
BPT18-35-B	226				
BPT20-45-A	150	200	310	206	367
BPT20-45-B				242	
BPT20-45-C				206	
BPT20-45-D				242	
BPT20-55-B	200	240	387	278	476
BPT20-56-B					
BPT20-56-D					

Technical parameters

Model	Rising stage (Q _v)	Rising feature (Hz)	Power (W)	Air volume (m³/min)	Noise (dB)	BT / DTW	Measurement (mm)
BPT16-12-A	220	50	37	2.0	34	2	448×320×442
BPT16-23-A			40	2.5	35	2	448×320×442
BPT16-24-A			44	3.5	37	2	493×371×475
BPT18-34-A			47	4.5	38	2	493×371×475
BPT18-35-A			55	5.5	38	2	493×371×475
BPT20-45-A			70	8.5	42	2	526×392×507
BPT20-45-C			88	8	42	2	526×382×507
BPT16-12-B			24	2	34	2	500×320×435
BPT16-23-B			32	2.5	35	2	500×320×435
BPT18-24-B			38	3.5	37	2	550×370×475
BPT18-34-B			47	4.5	38	2	550×370×475
BPT18-35-B			55	5.5	38	2	550×370×475
BPT20-45-B			78	8.5	42	2	575×390×500
BPT20-45-D			88	8	42	2	575×390×500
BPT20-55-B			110	10	48	2	500×315×610
BPT20-56-B			126	13	46	2	500×315×610
BPT20-56-D	130	16	50	2	500×315×610		

FALCONER

Super Quiet Tubular Ventilating fan



Super low noise lasting eight years

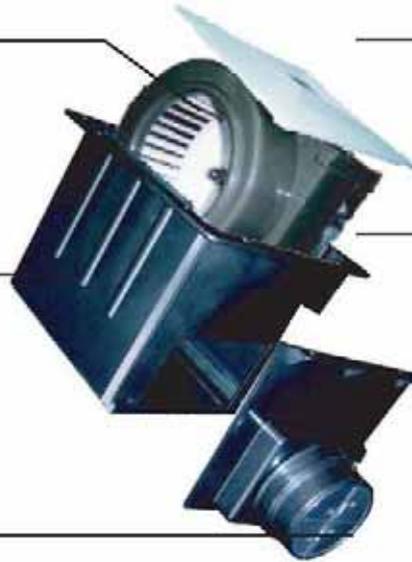
Fan wheel—Optimized design and high quality with high efficient and quiet performance

Body case cover—Fine and modern design with elegant appearance

Body case—Made of quality material, lower vibration and noise ; light and durable

Motor—Advanced design, efficient performance. low energy consumption and noise; 5000 hours continuing running without defect; horizontal installation to minimize noise

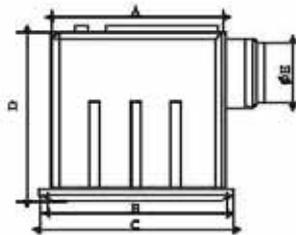
Pipe connecting mouthround matching mouth, easily fixing



Technical Parameters

Model No.	Rated Voltage (V~)	Rated Frequency (Hz)	Power (W)	Air Flow (m ³ /h)	Noise (dB)
BPT10-12-C (S)	220	50	35	2.0	36
BPT10-23-C (S)	220	50	35	2.5	38
BPT10-23-D (S)	220	50	39	3.0	39

Model No. and dimensions



(Unit):mm

Model No.	□A	□B	□C	□D	□E
BPT10-12-C (S)	204	220	246	206	100
BPT10-23-C (S)	240	258	300	220	100
BPT10-23-D (S)	240	258	300	220	100

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70 Hanlan Road, #7 Woodbridge
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Tel: +1-905-851-5322
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E-mail: falconer@saifinc.com
www.saifinc.com



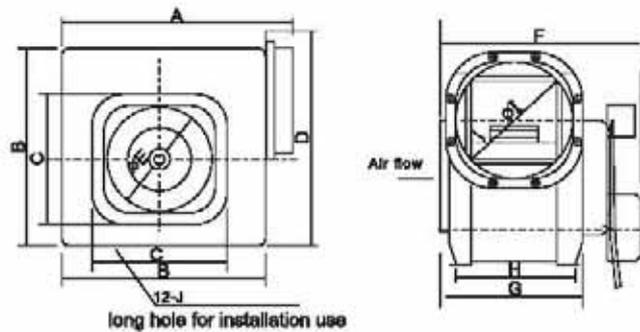
Duct Tubular Ventilating Fan



- Large variety—Two items, five specifications & ten models, widely used range
- Optimized fan wheel—scientific volute design and advanced structure with large air volume and low noise
- Excellent motor—be adopted ball rolling bearing and over-heat protector material, getting super mute performance with stable quality and long life
- Metallic body case—brilliant body appearance with excellent fire proof result

Duct Tubular Ventilating Fan

Structure drawings



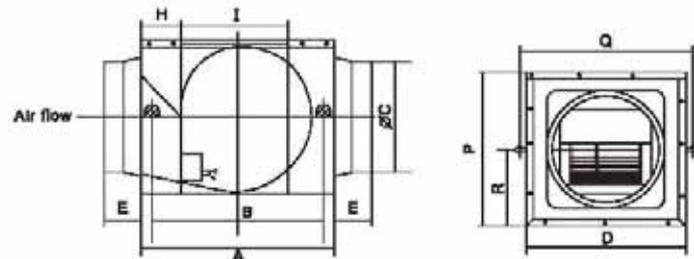
Outer appearance and dimensions of parts

Units: mm

Model	A	B	C	D	E	F	G	H	I	J long hole
DPT10-11	218	180	95	95	104	142	205	130	175	17X7
DPT15-33	298	250	145	145	142	179	278	160	215	18X9
DPT15-34	298	250	145	145	142	179	278	160	215	18X9
DPT20-44	350	300	198	198	190	235	360	235	280	21X11
DPT20-45	350	300	198	198	190	235	360	235	280	21X11
DPT20-54	350	300	198	198	190	235	360	235	280	21X11
DPT20-55A	350	300	198	198	190	235	360	235	280	21X11
DPT20-55B	350	300	198	198	190	235	360	235	280	21X11

Technical parameters

Model	Capacity W	Air Flow m³/h	Noise dB	Static pressure Pa	Rotating speed rpm	Installation instruction		Packing size mm
						mm	m	
DPT10-11	16	150	43	80	1150	Φ 100	6-10	256X214X245
DPT15-33	37	300	42	135	750	Φ 150	10-20	349X252X326
DPT15-34	55	450	49	135	1050	Φ 150	20-25	349X252X326
DPT20-44	70	600	47	180	700	Φ 200	25-28	403X319X415
DPT20-45	90	600	48	180	800	Φ 200	28-33	403X319X415
DPT20-54	110	700	48	180	950	Φ 200	33-38	403X319X415
DPT20-55A	115	800	53	180	900	Φ 200	38-42	403X319X415
DPT20-55B	125	900	54	180	950	Φ 200	42-48	403X319X415



Outer appearance and dimensions of parts

Units: mm

Model	A	B	C	D	E	H	I	Q	R	P
DPT15-32B	340	298	142	240	105	53	230	285	120	240
DPT15-42B	390	348	142	270	105	58	285	315	140	280

Technical parameters

Model	Capacity W	Air Flow m³/h	Noise dB	Static pressure Pa	Rotating speed rpm	Installation instruction		Packing size mm
						mm	m	
DPT15-32B	47	360	40	113	750	Φ 150	20-20	488X306X279
DPT15-42B	80	500	43	198	700	Φ 150	25-28	581X346X319

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www.saifinc.com



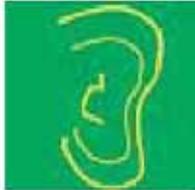
External Rotor Motor



Brief Introduction:

External Rotor Motor features compact size , low noise, little abrasion, stable performance, advances in heat releasing and long life time, widely used in ventilating, cooling, heat releasing and air purifying environments etc.

The Four Merits:



Less noise



Good heat releasing and long operation life



Little wearing , stable operation



Compact size and widely used in many places

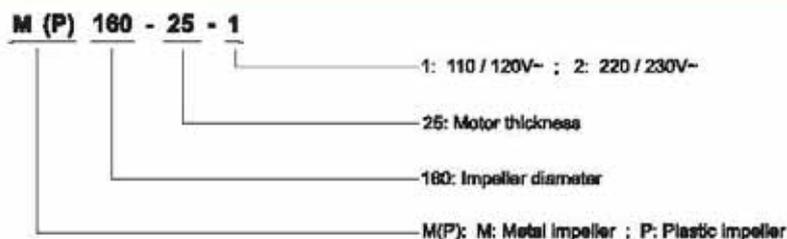
Technical Parameters

Model No.:	Rated Voltage (V~)	Rated Frequency (Hz)	Power (W)	Current (A)	Speed (R.P.M.)	Capacitor (uF)
M160-25-1	110 / 120V~	50 / 60	120	1.03	1100	8
M160-42-1			280	2.47	2300	25
P250-48-1			350	3.37	3200	20
M160-25-2	220 / 230V~		110	0.75	980	3.5
M160-42-2			250	0.97	2200	6
P250-48-2			350	1.12	2800	5

Remarks:

Different rated voltage, frequency and speed can be realized according to different demands.

Model No. Explanation:



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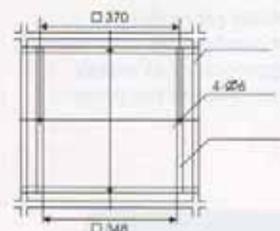
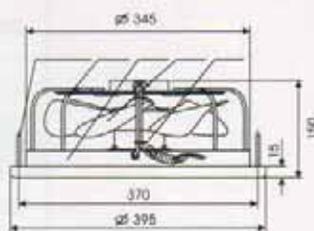
Ceiling Ventilating Fan

Products, models and structure drawings



CEILING
VENTILATING FAN

AJT30-6



- Made of super-quality engineer plastic
- Super mute
- High efficient and low consumption
- Ultrathin light and handy
- Wear well

Technical parameters

Model	Rating Voltage (V~)	Rating Frequency (Hz)	Power (W)	Air volume (m ³ /min)	Noise (dB)	Structure	Dimension (mm)
AJT30-6	220	50	45	34	49	4	700×436×430

Cooker Top Exhaust Fan



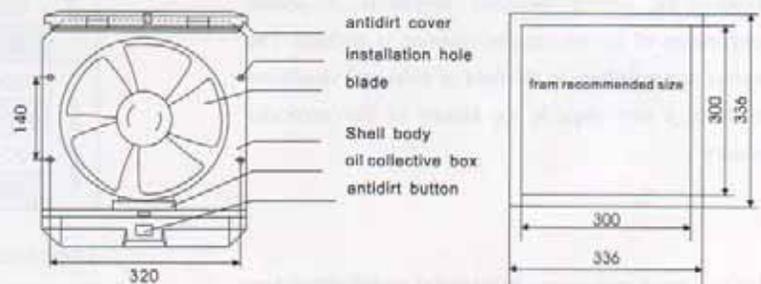
- Made of super-quality engineer plastic
- Super mute
- High efficient and low consumption
- Ultrathin light and handy
- Wear well

Products, models and structure drawings



COOKER TOP
EXHAUST FAN

APZ25-5



Technical parameters

Model	Rating Voltage (V~)	Rating Frequency (Hz)	Power (W)	Air Volume (m ³ /min)	Noise (dB)	Speeds	Weight
APZ25-5	220	50	36	12	48	1	368×360×430

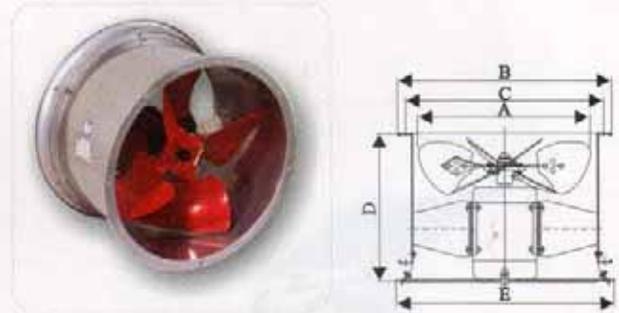
High-Pressure Industrial Ventilating Fan

High-pressure industrial ventilating fans of Falconer apply the principle of most updated fluid mechanics through the domestically first creation of the new-type screw propeller 3-blades designing with large angle and large gradual changes. The fully high-pressure designs and unique cylinder or semi-cylinder configurations achieve effective control of the high pressure at the passageway walls. It minimizes the disorderly turbulent airflow generated from the operations of the fan blades, which effectively solves the problems in air volume, air pressure, power consumption and noise that have been troubling the normal industrial ventilators. A perfect combination of air volume and pressure is realized. The product is a milestone in the field of industrial ventilators and turns a new page in the history of this particular industry.

Falconer high-pressure industrial ventilating fans features the following characteristics:

1. High air pressure, larger air volume, low noise, stable operations;
2. Energy-saving, 10-30% lower than the state power consumption standards;
3. Adopting cast-iron motors and low-noise bearings; long operational life of the motor with 6,000 hours of continuous faultless running;
4. Constitutional details made of super-quality thin steel plates by way of punching press, which ensures good rigidity, light weight, appearance and easy installation.

Products, models and structure drawings



CDZ35-4D CDZ50-4D CDZ35-4S CDZ50-4S
 CDZ40-4D CDZ60-4D CDZ40-4S CDZ60-4S

Outer appearance and dimensions of parts

Blade dia(mm)	Model	A	B	C	D	E	
Single Phase	350	CDZ35-4D	350	410	385	275	415
	400	CDZ40-4D	400	460	435	330	485
	500	CDZ50-4D	500	565	538	335	595
	600	CDZ60-4D	600	670	640	465	690
Three Phases	350	CDZ35-4S	350	410	285	275	415
	400	CDZ40-4S	400	460	435	330	485
	500	CDZ50-4S	500	565	538	335	595
	600	CDZ60-4S	600	670	640	465	690

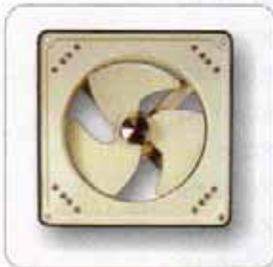
Technical parameters

Type	Phase	Model	Rating Voltage [V]	Rating Frequency [Hz]	Power [W]	Air Volume [CM ³]	Noise [dB]
CDZ Series low noise industrial Ventilating fans	Single Phase	CDZ35-4D	220	50	250	2700	68
		CDZ40-4D	220	50	350	4500	71
		CDZ50-4D	220	50	550	7500	74
		CDZ60-4D	220	50	2200	13000	78
	Three Phases	CDZ35-4S	380	50	250	2700	68
		CDZ40-4S	380	50	350	4500	71
		CDZ50-4S	380	50	550	7500	74
		CDZ60-4S	380	50	2200	13000	78

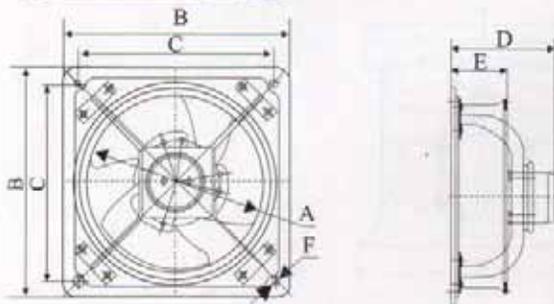
Three-blade square-shaped air-pressure industrial Ventilating fans

Three-blade cylinder-shape air-pressure industrial Ventilating fans

Products, models and structure drawings



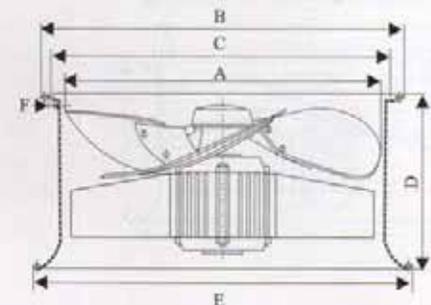
- BPK25-4D BPK50-4D
- BPK30-4D BPK35-4S
- BPK35-4D BPK40-4S
- BPK40-4D BPK50-4S



Products, models and structure drawings



- TPK25-4D TPK50-4D
- TPK30-4D TPK35-4S
- TPK35-4D TPK40-4S
- TPK40-4D TPK50-4S



Outer appearance and dimensions of parts

Blade dia(mm)		Model	A	B	Q	D	E	F
Single Phase	250	BPK25-4D	250	370	330	209	75	φ15
	300	BPK30-4D	300	420	380	227	88	φ15
	350	BPK35-4D	350	467	427	217	100	φ15
	400	BPK40-4D	400	520	460	245	115	φ15
	500	BPK50-4D	500	620	560	255	130	φ15
Three Phases	350	BPK35-4S	350	467	427	217	100	φ15
	400	BPK40-4S	400	520	460	245	115	φ15
	500	BPK50-4S	500	620	560	255	130	φ15

Outer appearance and dimensions of parts

Blade dia(mm)		Model	A	B	Q	D	E	F
Single Phase	250	TPK25-4D	250	320	295	220	345	φ8
	300	TPK30-4D	300	360	335	275	385	φ8
	350	TPK35-4D	350	410	385	275	440	φ8
	400	TPK40-4D	400	460	435	275	490	φ10
	500	TPK50-4D	500	565	538	275	595	φ10
Three Phases	350	TPK35-4S	350	410	385	275	440	φ8
	400	TPK40-4S	400	460	435	275	490	φ10
	500	TPK50-4S	500	565	538	275	595	φ10

Technical parameters

Type	Phase	Model	Setting Voltage (V)	Rating Frequency (Hz)	Power (W)	Air Volume (m³/h)	Static (mm)
Three-blade square-shaped air-pressure industrial Ventilating fans	Single Phase	BPK25-4D	220	50	40	840	60
		BPK30-4D	220	50	48	1080	62
		BPK35-4D	220	50	100	2280	65
		BPK40-4D	220	50	160	2880	67
		BPK50-4D	220	50	350	5700	70
	Three Phases	BPK35-4S	380	50	120	2280	65
		BPK40-4S	380	50	198	2880	67
		BPK50-4S	380	50	400	5700	70

Technical parameters

Type	Phase	Model	Setting Voltage (V)	Rating Frequency (Hz)	Power (W)	Air Volume (m³/h)	Static (mm)
Three-blade cylinder-shape air-pressure industrial Ventilating fans	Single Phase	TPK25-4D	220	50	40	840	60
		TPK30-4D	220	50	48	1080	62
		TPK35-4D	220	50	100	2280	65
		TPK40-4D	220	50	160	2880	67
		TPK50-4D	220	50	350	5700	70
	Three Phases	TPK35-4S	380	50	120	2280	65
		TPK40-4S	380	50	198	2880	67
		TPK50-4S	380	50	400	5700	70

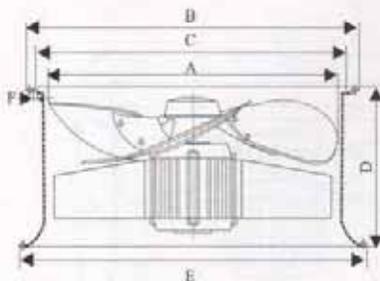
Cast-iron electric motors for fan blade diameter above 350mm.

Three-blade cylinder-shape duty-post industrial ventilating fans

Products, models and structure drawings



- TPK35W-4D
- TPK40W-4D
- TPK50W-4D
- TPK35W-4S
- TPK40W-4S
- TPK50W-4S



Outer appearance and dimensions of parts

Blade Dia(mm)		Model	A	B	C	D	E	F
Single Phase	350	TPK35W-4D	350	410	385	275	440	φ8
	400	TPK40W-4D	400	460	435	275	490	φ10
	500	TPK50W-4D	500	565	538	275	595	φ10
Three Phases	350	TPK35W-4S	350	410	385	275	440	φ8
	400	TPK40W-4S	400	460	435	275	490	φ10
	500	TPK50W-4S	500	565	538	275	595	φ10

Technical parameters

Type	Phase	Model	Rating Voltage [V]	Rating Frequency [Hz]	Power [W]	Air Volume [m³/h]	Noise [dB]
Three-blade cylinder-shape duty-post industrial ventilating fans	Single Phase	TPK35W-4D	220	50	100	2280	65
		TPK40W-4D	220	50	160	2880	67
		TPK50W-4D	220	50	350	5700	70
	Three Phases	TPK35W-4S	380	50	120	2280	65
		TPK40W-4S	380	50	198	2880	67
		TPK50W-4S	380	50	400	5700	70

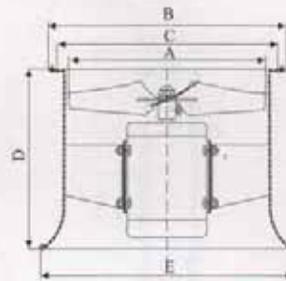
Cast-iron electric motors for fan blade diameter above 350mm

Four-blade cylinder-shape air-pressure industrial ventilating fans

Products, models and structure drawings



- TPKQ35-4D
- TPKQ40-4D
- TPKQ50-4D
- TPKQ60-4D
- TPKQ35-4S
- TPKQ40-4S
- TPKQ50-4S
- TPKQ60-4S



Outer appearance and dimensions of parts

Blade Dia(mm)		Model	A	R	C	D	E
Single Phase	350	TPKQ35-4D	350	410	380	275	430
	400	TPKQ40-4D	400	470	435	275	480
	500	TPKQ50-4D	500	565	536	275	585
	600	TPKQ60-4D	600	670	640	285	685
Three Phases	350	TPKQ35-4S	350	410	385	275	435
	400	TPKQ40-4S	400	470	435	275	480
	500	TPKQ50-4S	500	565	538	275	590
	600	TPKQ60-4S	600	670	640	285	685

Technical parameters

Type	Phase	Model	Rating Voltage [V]	Rating Frequency [Hz]	Power [W]	Air Volume [m³/h]	Noise [dB]
Four-blade cylinder-shape air-pressure industrial ventilating fans	Single Phase	TPKQ35-4D	220	50	210	2520	66
		TPKQ40-4D	220	50	320	3510	69
		TPKQ50-4D	220	50	450	6260	72
		TPKQ60-4D	220	50	550	8500	75
	Three Phases	TPKQ35-4S	380	50	210	2520	66
		TPKQ40-4S	380	50	320	3510	69
		TPKQ50-4S	380	50	450	6260	72
		TPKQ60-4S	380	50	550	8500	75

Cast-iron electric motors for fan blade diameter above 350mm

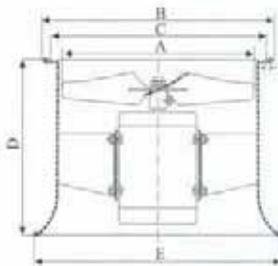
Four-blade cylinder-shape duty-post industrial Ventilating fans

Four-blade cylinder-shape duct-type industrial Ventilating fans

Products, models and structure drawings



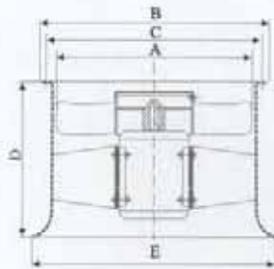
- TPKQ35W-4D
- TPKQ40W-4D
- TPKQ50W-4D
- TPKQ35W-4S
- TPKQ40W-4S
- TPKQ50W-4S



Products, models and structure drawings



- TPKQ35G-4D
- TPKQ40G-4D
- TPKQ50G-4D
- TPKQ35G-4S
- TPKQ40G-4S
- TPKQ50G-4S



Outer appearance and dimensions of parts

Blade Dia		Model	A	B	C	D	E	F
Single Phase	350	TPKQ35W-4D	350	410	385	275	440	φ8
	400	TPKQ40W-4D	400	460	435	275	490	φ10
	500	TPKQ50W-4D	500	565	537.5	275	595	φ10
Three Phases	350	TPKQ35W-4S	350	410	385	275	440	φ8
	400	TPKQ40W-4S	400	460	435	275	490	φ10
	500	TPKQ50W-4S	500	565	537.5	275	595	φ10

Outer appearance and dimensions of parts

Blade Dia		Model	A	B	C	D	E
Single Phase	350	TPKQ35G-4D	350	410	385	280	435
	400	TPKQ40G-4D	400	460	435	280	480
	500	TPKQ50G-4D	500	565	538	280	575
Three Phases	350	TPKQ35G-4S	350	410	385	280	435
	400	TPKQ40G-4S	400	460	435	280	480
	500	TPKQ50G-4S	500	565	538	280	575

Technical parameters

型式 Type	相数 Phase	型号 Model	额定电压 Rating Voltage [V]	额定频率 Rating Frequency [Hz]	功率 Power [W]	风量 Air Volume [m³/h]	噪音 Noise [dB]
Four-blade cylinder-shape duty-post industrial ventilating fans	Single Phase	TPKQ35W-4D	220	50	100	2520	66
		TPKQ40W-4D	220	50	180	3510	69
		TPKQ50W-4D	220	50	350	6260	72
	Three Phases	TPKQ35W-4S	380	50	130	2520	66
		TPKQ40W-4S	380	50	210	3510	69
		TPKQ50W-4S	380	50	400	6260	72

Technical parameters

型式 Type	相数 Phase	型号 Model	额定电压 Rating Voltage [V]	额定频率 Rating Frequency [Hz]	功率 Power [W]	风量 Air Volume [m³/h]	噪音 Noise [dB]
Four-blade cylinder-shape duct-type industrial ventilating fans	Single Phase	TPKQ35G-4D	220	50	150	2520	66
		TPKQ40G-4D	220	50	250	3510	72
		TPKQ50G-4D	220	50	320	6260	74
	Three Phases	TPKQ35G-4S	380	50	150	2520	66
		TPKQ40G-4S	380	50	250	3510	72
		TPKQ50G-4S	380	50	320	6260	75

Cast-iron electric motors for fan blade diameter above 350mm.

Cast-iron electric motors for fan blade diameter above 350mm.



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