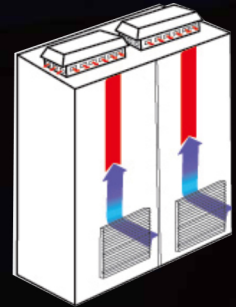
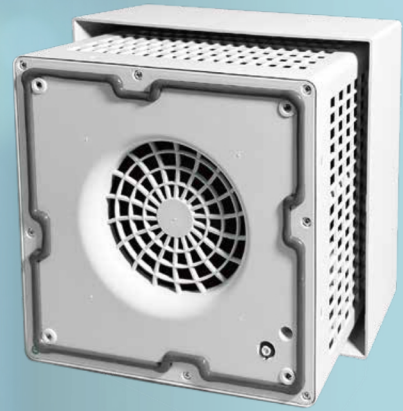


# CABINET ROOF FAN

Adopting high-performance, industrial grade ball bearing fans Completely reduce the internal temperature of the cabinet in a short period of time





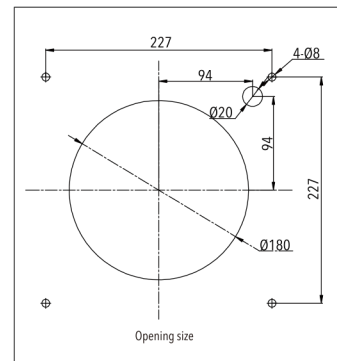
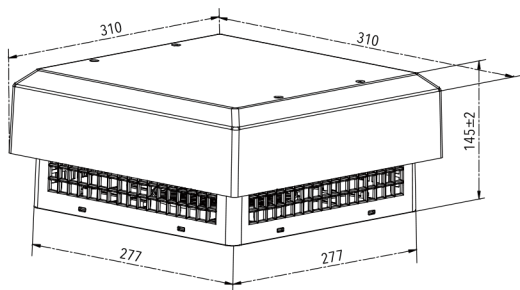
**Installation conditions**

- Small size and light weight
- Not occupying excess space
- Adopting high-performance, industrial grade ball bearing fans
- Completely reduce the internal temperature of the cabinet in a short period of time

**SPECIFICATION**

Fan model	F2E190-230-DP	F2E220-230-DP	F2E225-230-DH
Rated working voltage v/hz	230V AC 50/60Hz	230V AC 50/60Hz	230V AC 50/60Hz
Air flow rate, free blowing	570/620m <sup>3</sup> /h	860/900m <sup>3</sup> /h	1200/1340m <sup>3</sup> /h
Air flow rate, Equipped with standard filter mat	1xLK6626.300: 456/496m <sup>3</sup> /h	1xLK6626.300: 688/540m <sup>3</sup> /h	1xLK6626.300: 456/496m <sup>3</sup> /h
Rated current	0.34/0.26A	0.40/0.38A	0.88/0.60A
Power	75/58W	90/85W	200/135W
Noise level	62/64dBA	73/74dBA	69/71dBA
Temperature range	-10°C~60°C	-10°C~60°C	-10°C~60°C

**DIMENSION (mm)**





### CHARACTERISTIC



- Large output range and high efficiency,  
Air volume output range: 500-1500m<sup>3</sup>/h
- Color: RAL 7035

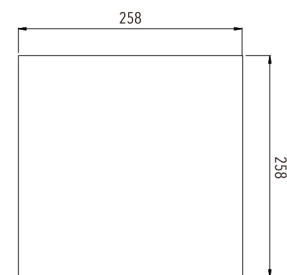
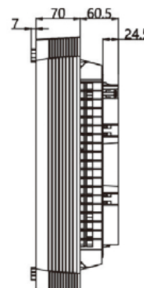
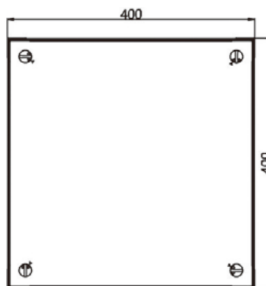
- High protection level
- International certification and licensing
- Protection level, in accordance with IEC 60 529 standard: IP20

Installation and maintenance are very simple  
 Innovative snap fasteners support flexible locking of fans from the outside or inside  
 Easy electrical connection through plugs  
 Easy to maintain, allowing users to quickly replace the filter pad of the fan

### SPECIFICATION

Model	Unit	KTF3139.230 (115V, 400V customizable)	KTF3140.230 (115V, 400V customizable)	KTF3141.230 (115V, 400V customizable)
Rated voltage	V	230	230	230
Rated frequency	Hz	50/60	50/60	50/60
Air throughput (without filter mat)	m <sup>3</sup> /h	570/620	873/965	1300/1450
Air throughput (with filter mat)	m <sup>3</sup> /h	456/496	725/759	1050/1180
Rated current	A	0.27/0.22	0.56/0.43	0.99/0.88
Pre fuse current	A	6	6	6
Rated power	W	62/50	130/98	180/135
Width/Height/Depth	mm	400x133x400	400x133x400	400x133x400
Maximum installation depth	mm	34.6	34.6	34.6
Installation incision size	mm	258x258	258x258	258x258
Fan	-	Centrifugal, capacitive motor		
Operating temperature range	°C	-10~+60		
Storage Temperature Range	°C	-40~+70		

### DIMENSION



Opening size



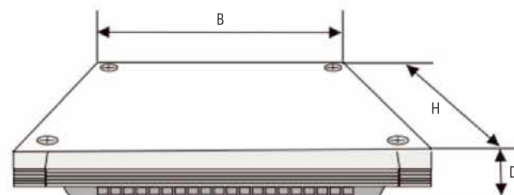
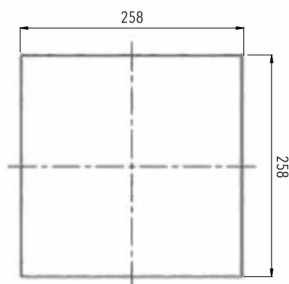
### Installation conditions

- Installation and maintenance are very simple
- Innovative snap fasteners support flexible locking of fans from the outside or inside
- Easy electrical connection through plugs
- Easy to maintain, allowing users to quickly replace the filter pad of the fan

### SPECIFICATION

Model	KTF21.230	KTF21.048	KTF21.230 (175)
Voltage/Frequency	230V50/60Hz	48V	230V50/60Hz
Power	58/75W	51W	46/57W
Electric current	0.34A	1.0A	0.25A
Width(B)	400mm	400mm	400mm
Height(H)	400mm	400mm	400mm
Depth(D)	92mm	92mm	92mm
Opening size	257x257mm	257x257mm	257x257mm
Noise	62dB(A)	62dB(A)	42dB(A)
Airvolume	570m <sup>3</sup> /h	600m <sup>3</sup> /h	500m <sup>3</sup> /h
Capacitance	2uF	~	1.5uF
Speed	2500-2700rpm	3200rpm	3200rpm
Weight	5.2kg	5.2kg	4.8kg
Colour	RAL7035	RAL7035	RAL7035
Available fan	Φ190	Φ190	Φ190
Life	50000h	50000h	50000h

### DIMENSION (mm)





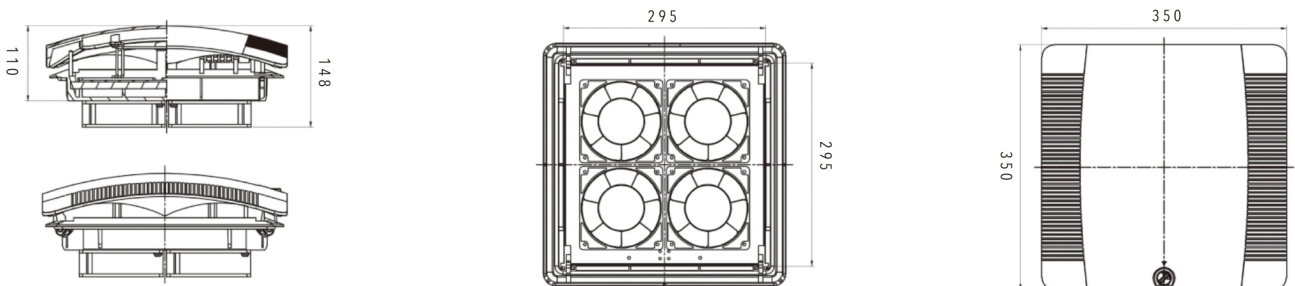
### Installation conditions

- Quick installation, can be directly buckled without the need for screws to fix
- Adjustable buckle, suitable for cabinets with different thicknesses of 1.5-3.5mm
- IP32, standard g3 grade filter cotton
- Quickly replace the filter cotton without the need for tools, directly open the top knob
- Ac voltage is a standard configuration and dc voltage can be customized

### SPECIFICATION

Model	Unit	REF600.230	REF600.115	REF600.024
Rated voltage	V	230	115	24V(DC)
Rated frequency	Hz	50/60	50/60	-
Air volume	m <sup>3</sup> /h	415-500	415-500	500
Rated current	A	0.14-0.1	0.24-0.18	0.28-0.35
Rated power	W	19-14	19-14	7.7
Noise level	dB(A)	46-48	46-48	47-49
Operating temperature range	°C	-10~+60	-10~+60	-10~+60
Overall dimensions	mm	350x350x148	350x350x148	350x350x148
Fan specifications	mm	120x120x38*4	120x120x38*4	120x120x38*4
Hole size	mm	295x295	295x295	295x295

### DIMENSION (mm)





### Characteristic

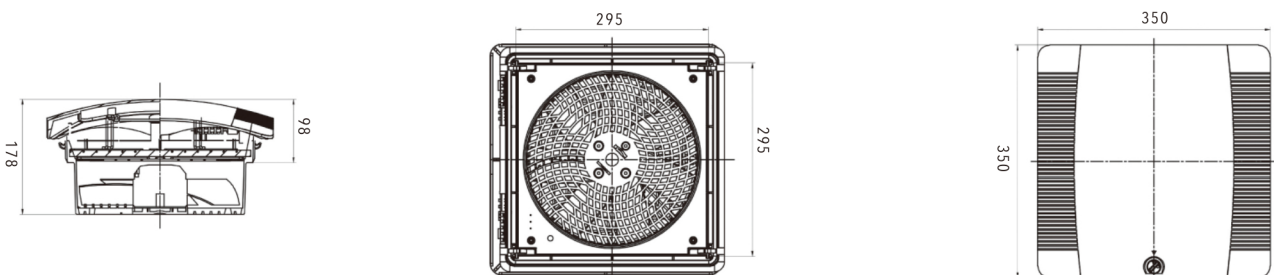
- Quick installation, can be directly buckled without the need for screws to fix
- Adjustable buckle, suitable for cabinets with different thicknesses of 1.5-3.5mm
- IP32, standard g3 grade filter cotton
- Quickly replace the filter cotton without the need for tools, directly open the top knob
- AC voltage is standard as a standard configuration

**IP32**
**CE**
**UL94-V0**
**-10 +60**  
°C

### SPECIFICATION

Model	Unit	REF700.230	REF700.115	REF1400.230	REF1400.115
Rated voltage	V	230, 50/60	115, 50/60	230, 50/60	115, 50/60
Rated frequency	Hz	580-700	580-700	1150-1400	1150-1400
Air volume	m <sup>3</sup> /h	0.35-0.28	0.65-0.58	0.60-0.46	0.95-1.20
Rated current	A	Capacitor start	Capacitor start	Capacitor start	Capacitor start
Rated power	W	63-79	61-71	140-100	140-100
Noise level	dB(A)	55-57	55-57	63-65	63-65
Operating temperature range	°C	-10~+60	-10~+60	-10~+60	-10~+60
Overall dimensions	mm	350x350x178	350x350x178	350x350x178	350x350x178
Fan specifications	mm	Φ200	Φ200	Φ200	Φ200
Hole size	mm	295x295	295x295	295x295	295x295

### DIMENSION (mm)





PTF 29387



PTF 378119

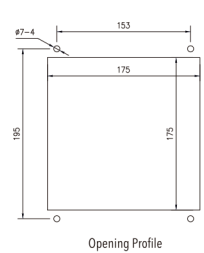
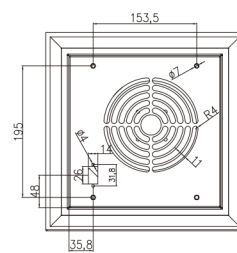
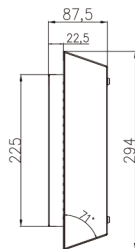
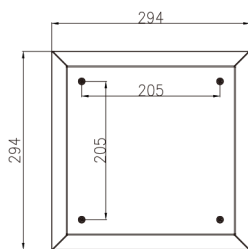
IP54 CE -25 +55 °C

### SPECIFICATION

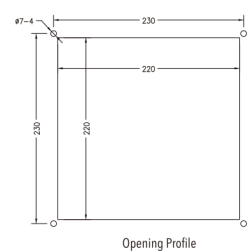
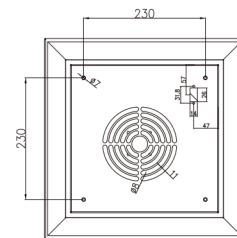
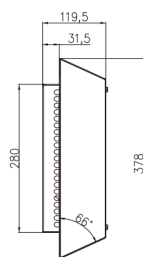
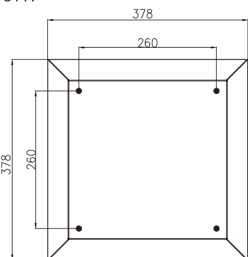
Model	Unit	PTF 29387	PTF 378119
Voltage/frequency	V,Hz	230 50/60	230 50/60
Power	W	46/57	155/210
Electric current	A	0.25	0.68/0.92
Material quality		304 stainless steel	304 stainless steel
Noise level	dB	42	62
Air volume	m <sup>3</sup> /h	500	1300
Capacitance	uF	1.5	3.5
Rotational speed	rpm	3200	2500-2700
Weight	kg	4.1	7.3
Configurable fan		Φ175	Φ225
Life span	h	50000	50000

### DIMENSION (mm)

PTF 29387



PTF 378119





PTF 398150



PTF 36890

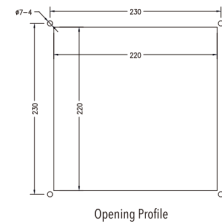
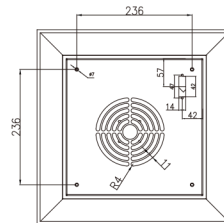
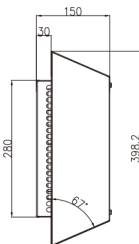
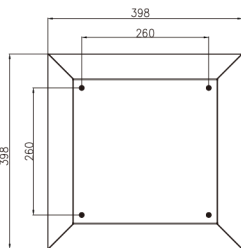


**SPECIFICATION**

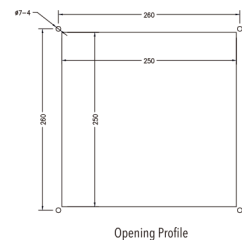
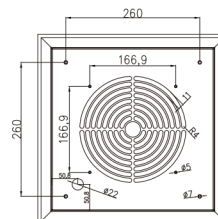
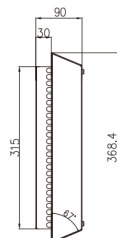
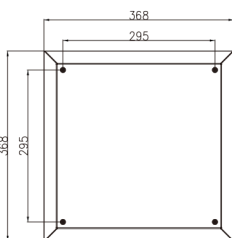
Model	Unit	PTF 398150	PTF 36890
Voltage/frequency	V,Hz	230 50/60	230 50/60
Power	W	108	31
Electric current	A	0.49	0.25
Material quality		304 stainless steel	304 stainless steel
Noise level	dB	76	65
Air volume	m <sup>3</sup> /h	1200-2000	700
Capacitance	uF	4	4
Rotational speed	rpm	2650-2800	2500
Weight	kg	7.2	4.7kg
Configurable fan		Φ225	W1G200-EC91-28
Life span	h	50000	50000

**DIMENSION (mm)**

PTF 398150



PTF 36890







Customizable stainless steel material

IP54  

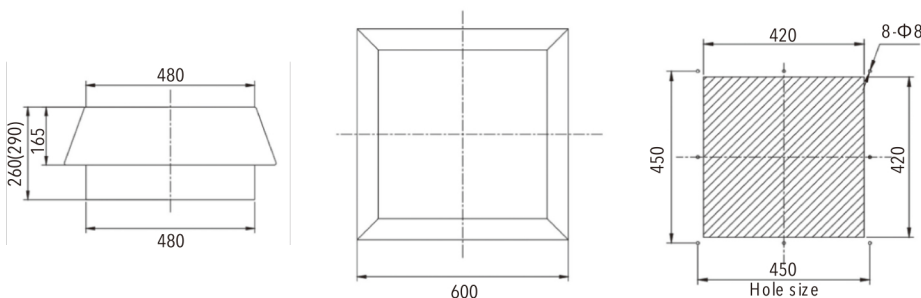
### Installation Conditions

- The ambient temperature should be lower than the required temperature inside the control cabinet when there is insufficient space in the cabinet to install a side mounted filter fan, top mounted fans can be considered
- The cabinet top mounted fan extracts the hot air from the top of the control cabinet while dissipating the heat inside the cabinet outside,
- The use of centrifugal fans can not only avoid the formation of vortex like whirlwinds in the discharge of ordinary shielded magnetic pole fans, but also reduce the
- The noise generated by low air friction with each other.

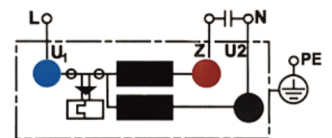
### SPECIFICATION

Model	Unit	PTF60260	PTF60290
Rated voltage/frequency	V,Hz	230, 50	230, 50
Air volume	M <sup>3</sup> /h	2500	3150
Rated current	A	0.80-1.20	1.18
Starting form		Capacitor start	Capacitor start
Rated power	W	180-270	180-270
Noise level	DB(A)	66-68	70
Operating temperature range	°C	-10~+60	-10~+60
Overall dimensions	mm	600x260x600	600x290x600
Fan specifications	mm	Φ355	Φ400
Hole size	mm	420x420	450x450

### DIMENSION (mm)



Electrical wiring diagram





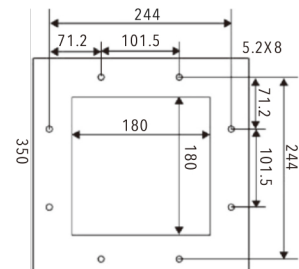
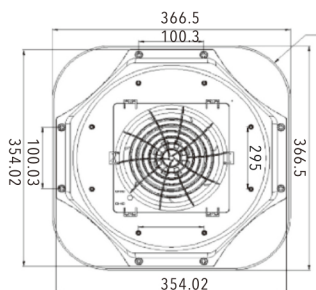
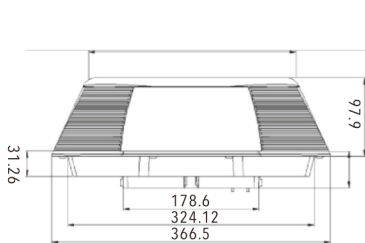
### Installation conditions

- The ambient temperature should be lower than the required temperature inside the control cabinet.  
When there is insufficient space in the cabinet to install a side mounted filter fan consider using a top mounted fan.
- The cabinet mounted fan extracts the hot air from the top of the control cabinet while dissipating the heat inside the cabinet outside, protecting the electrical components inside the control cabinet from operating within a controllable temperature range. And it does not occupy internal space,
- Centrifugal fans are mainly capable of discharging high heat loads with maximum efficiency. The use of centrifugal fans can not only avoid the formation of eddy currents in the discharge of ordinary shielded magnetic pole fans, but also reduce the noise generated by air friction

### SPECIFICATION

Model	Unit	KRF-670	KRF-950	KRF-1410
Rated voltage	V	230	230	230
Rated frequency	Hz	50/60	50/60	50/60
Air flow	m <sup>3</sup> /h	620/650	910/940	1250/1350
free discharge of air	m <sup>3</sup> /h	500/510	780/800	980/1020
centrifugal fan	-	Capacitor start	Capacitor start	Capacitor start
rated current	A	0.31-0.24	0.38-0.36	0.62-0.58
rated power	W	72-56	88-82	190-130
noise level	dB(A)	55-56	60-62	65-70
Operating temperature range	°C	-10~60	-10~60	-10~60

### DIMENSION (mm)





### Characteristic

- 1U's small size design, low noise, installed randomly on the 482.6mm(19) plane
- It can be used with the front exhaust outlet filter to achieve the convective effect.



### SPECIFICATION

Model No.	RCF480-230	RCF480-115	RCF480-024	RCF480-048
Dimensions (WxHxD)	484 x 44.5 x 205.5mm			
<b>Air flow parameters</b>				
Non resistance air volume	480m <sup>3</sup> /h			
Noise level (DIN 45 635)	52dB(A)	52dB(A)	48dB(A)	48dB(A)
Duty cycle	100%			
<b>Electrical data:</b>				
Fan motor	Capacitor motor		Dcmotor	
Rated voltage	230VAC	115VAC	24VDC	48VDC
Range of operation	215V ... 245V	103.5V ... 126.5V	16 VDC - 28 VDC	36VDC - 57VDC
Frequency	50Hz/60 Hz	50Hz/60 Hz	-	-
Powerconsumption	66/57W	75/66W	24W	22W
Rated current	0.39/0.27 A	0.72/0.63 A	0.50 A	0.93 A
<b>Attachment data</b>				
Installation position	Any installation, vertical in stallation better			
Shell material	Cold rolled steel sheet/powder coating (optional stainless steel shell)			
Weight	2.8KG			
Color	RAL 7035 (Light grey)			
Connection	Terminal			
Operating temperature	20°C(- 4F)~ +55°C(+131°F)			
Storage temperature	40°C(-40°F)~ +70°C(+158°F)90%			

### DIMENSION (mm)

