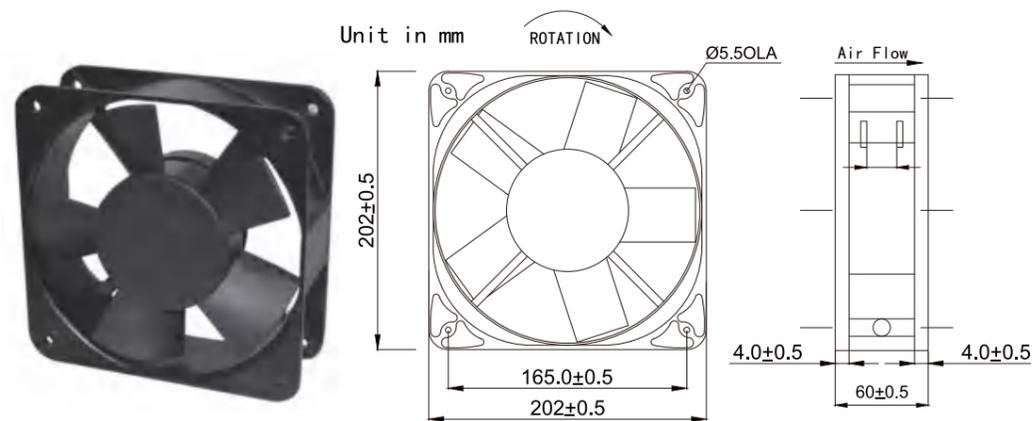


交流风机

GN60200S/60200F



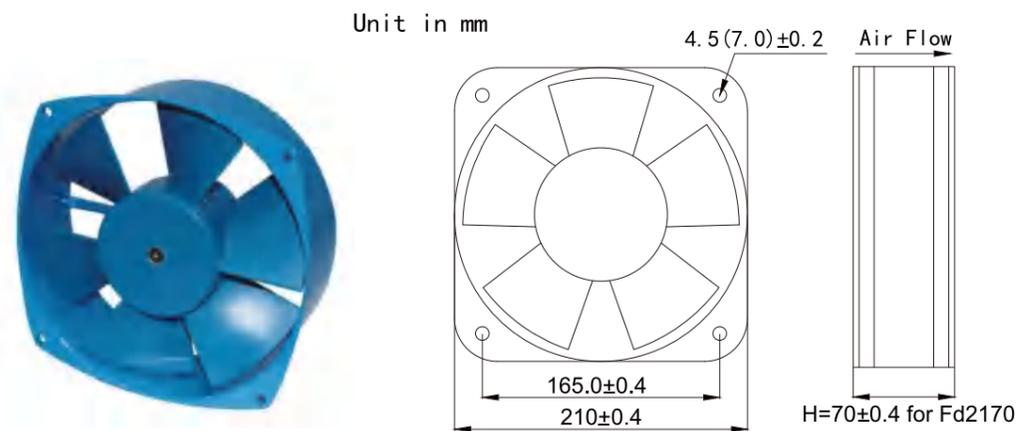
200x200x60mm(Square)

型号 Model	频率 Frequency Hz	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN60200HA11SL	50/60	110	Sleeve	0.80/0.78	65/63	2400	420/480	64/66	1700g
GN60200HA11BL	50/60	110	Ball	0.80/0.78	65/63	2400	420/480	64/66	
GN60200HA22SL	50/60	220	Sleeve	0.38/0.36	65/63	2400	420/480	64/66	
GN60200HA22BL	50/60	220	Ball	0.38/0.36	65/63	2400	420/480	64/66	

GN=Factory Model,60200=200*200*60mm,A1=AC 110V,A2=AC 220V,H=High speed,S=Sleeve,B=Ball, L=Lead wire

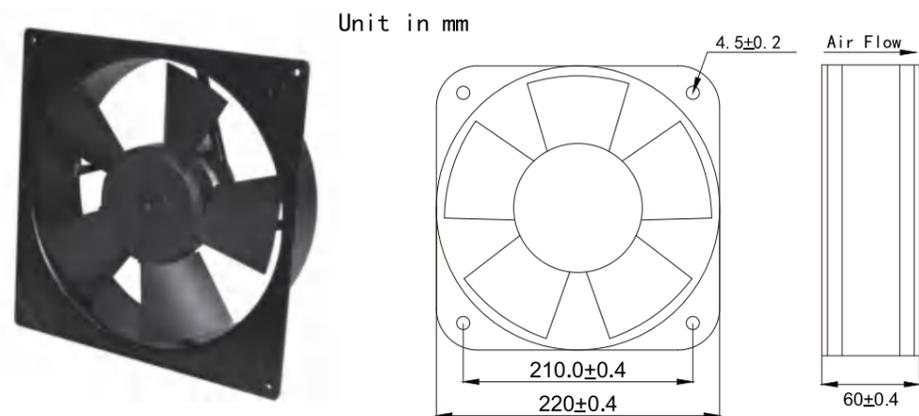
交流风机

GN200FZY/80225



200FZY Series

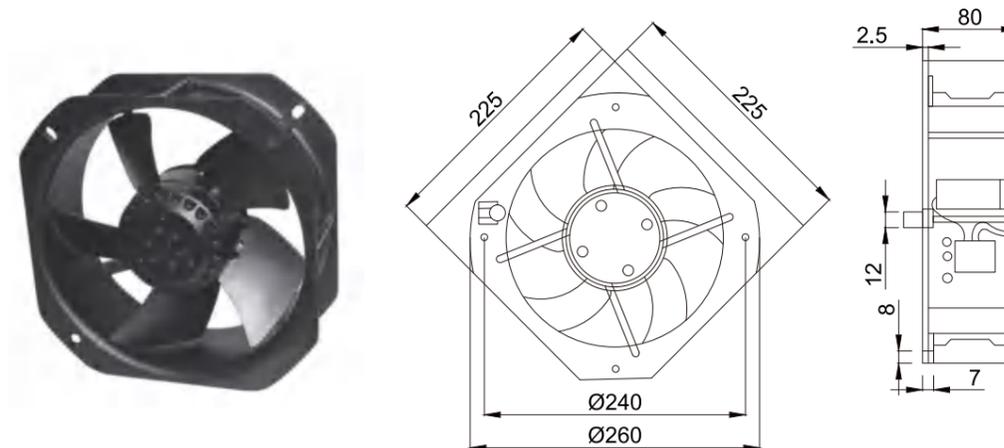
型号 Model	频率 Frequency Hz	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow M³/h	噪音 Noise dB(A)	相数 Phase	电容 Capacitor μF/V
GN200FZY2/D	50/60	220V	Ball	0.30	65	2500	13	70	1	1μF/500v
GN200FZY3/D	50/60	380V	Ball	0.15	65	2600	13	70	3	/
GN200FZY4/D	50/60	380V	Ball	0.16	65	2600	13	70	1	0.47μF/500v



200x200x60mm(Round&Square)

型号 Model	频率 Frequency Hz	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN60200HA11SL	50/60	110	Sleeve	0.58/0.50	56/54	2100	170/180	64/66	1700g
GN60200HA11BL	50/60	110	Ball	0.58/0.50	56/54	2100	170/180	64/66	
GN60200HA22SL	50/60	220	Sleeve	0.31/0.30	56/54	2100	170/180	64/66	
GN60200HA22BL	50/60	220	Ball	0.31/0.30	56/54	2100	170/180	64/66	

GN=Factory Model,20060=200*200*60mm,A1=AC 110V,A2=AC 220V,H=High speed,S=Sleeve,B=Ball, L=Lead wire

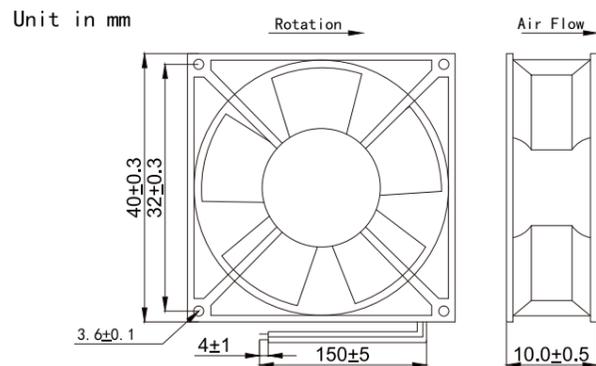


225x225x80mm(Square)

型号 Model	频率 Frequency Hz	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow M³/h	噪音 Noise dB(A)	相数 Phase	电容 Capacitor μF/V
GN80225HA11B	50/60	110V	Ball	0.70	75	2600	17	160	1	5μF/250v
GN80225HA22B	50/60	220V	Ball	0.35	75	2600	17	160	1	2μF/250v
GN80225HA38B1	50/60	380V	Ball	0.25	75	2600	17	160	3	1.5μF/500v
GN80225HA38B	50/60	380V	Ball	0.20	75	2600	17	160	3	/

直流风机

GN1040/2040



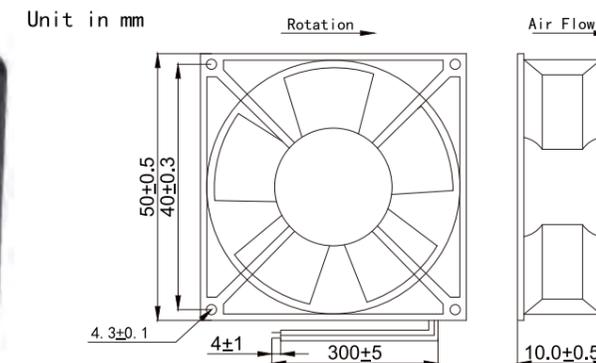
40x40x10mm

型号 Model	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN1040D05MSL	5	Sleeve	0.11	0.55	4800	5.70	20	16g
GN1040D05HSL	5	Sleeve	0.19	0.95	6000	6.70	25	
GN1040D12MSL	12	Sleeve	0.08	0.96	4800	5.70	20	
GN1040D12HSL	12	Sleeve	0.10	1.20	6000	6.70	25	
GN1040D24MSL	24	Sleeve	0.08	1.92	4800	5.70	20	
GN1040D24HSL	24	Sleeve	0.09	2.16	6000	6.70	25	

1040=40*40*10mm,D05=5V, D12=12V,D24=24V, H=High speed,M=Middle speed,S=Sleeve,L=Lead wire

直流风机

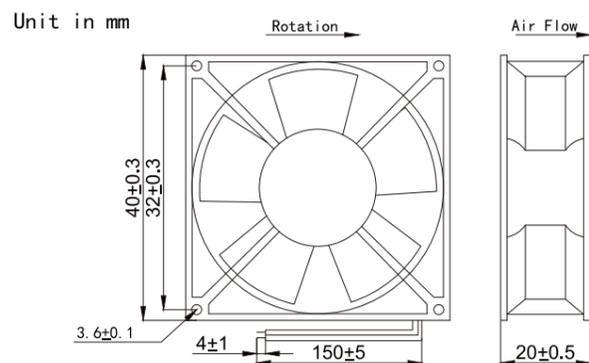
GN1050/1550



50x50x10mm

型号 Model	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN1050D05MSL	5	Sleeve	0.18	0.90	4300	10.50	24	20g
GN1050D05HSL	5	Sleeve	0.23	1.15	5000	11.20	26	
GN1050D12MSL	12	Sleeve	0.07	0.84	4300	10.50	24	
GN1050D12HSL	12	Sleeve	0.09	1.08	5000	11.20	26	
GN1050D24MSL	24	Sleeve	0.08	1.92	4300	10.50	24	
GN1050D24HSL	24	Sleeve	0.09	2.16	5000	11.20	26	

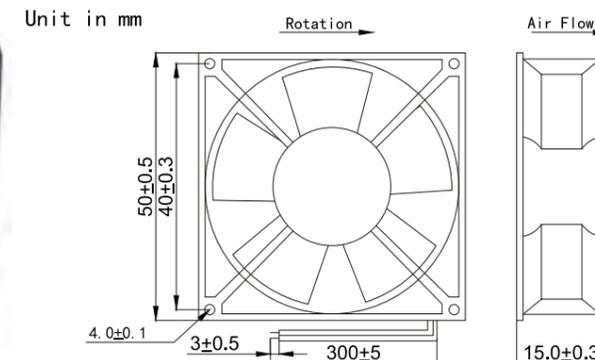
1050=50*50*10mm,D05=5V, D12=12V,D24=24V, H=High speed,M=Middle speed,S=Sleeve,L=Lead wire



40x40x20mm

型号 Model	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN2040D05MSL	5	Sleeve	0.16	0.80	6500	8.10	27	28g
GN2040D05HSL	5	Sleeve	0.19	2.00	7500	9.20	31	
GN2040D12MSL	12	Sleeve	0.08	0.96	6900	8.50	28	
GN2040D12HSL	12	Sleeve	0.10	1.20	7800	10.10	31	
GN2040D24MSL	24	Sleeve	0.07	1.68	6800	8.50	28	
GN2040D24HSL	24	Sleeve	0.09	2.16	7800	10.10	31	

2040=40*40*20mm,D05=5V, D12=12V,D24=24V, H=High speed,M=Middle speed,S=Sleeve,L=Lead wire



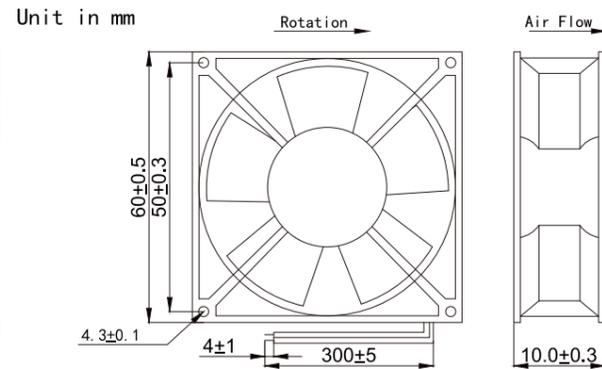
50x50x15mm

型号 Model	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN1550D05MSL	5	Sleeve	0.25	1.25	5000	14.55	33	28g
GN1550D05HSL	5	Sleeve	0.28	1.40	6000	16.22	36	
GN1550D12MSL	12	Sleeve	0.15	1.80	5000	14.55	33	
GN1550D12HSL	12	Sleeve	0.19	2.28	6000	16.22	36	
GN1550D24MSL	24	Sleeve	0.08	1.92	5000	14.55	33	
GN1550D24HSL	24	Sleeve	0.11	2.64	6000	16.22	36	

1550=50*50*15mm,D05=5V, D12=12V,D24=24V, H=High speed,M=Middle speed,S=Sleeve,L=Lead wire

直流风机

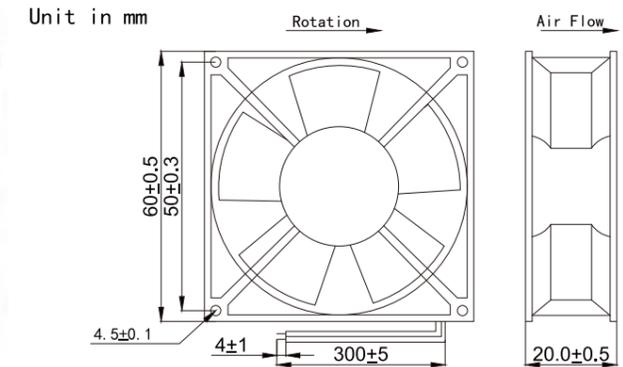
GN1060/1560



60x60x10mm

型号 Model	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN1060D05MSL	5	Sleeve	0.22	1.10	4000	17.03	32	23g
GN1060D05HSL	5	Sleeve	0.30	1.50	5000	20.02	36	
GN1060D12MSL	12	Sleeve	0.12	1.44	4000	17.03	32	
GN1060D12HSL	12	Sleeve	0.18	2.16	5000	20.02	36	
GN1060D24MSL	24	Sleeve	0.12	2.88	4000	18.22	32	
GN1060D24HSL	24	Sleeve	0.15	3.60	5000	20.02	36	

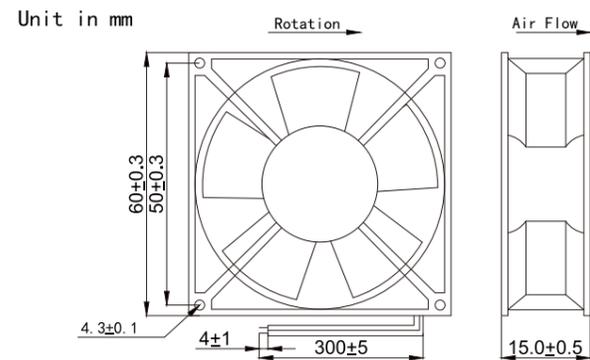
1060=60*60*10mm,D05=5V, D12=12V,D24=24V, H=High speed,M=Middle speed,S=Sleeve,L=Lead wire



60x60x20mm

型号 Model	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN2060D05MSL	5	Sleeve	0.26	1.30	4500	16.50	29	45g
GN2060D05HSL	5	Sleeve	0.30	1.50	5000	17.20	32	
GN2060D12MSL	12	Sleeve	0.13	1.56	3900	14.50	29	
GN2060D12HSL	12	Sleeve	0.16	1.92	4500	16.40	32	
GN2060D24MSL	24	Sleeve	0.08	1.92	3900	14.50	29	
GN2060D24HSL	24	Sleeve	0.09	2.18	4500	16.40	32	

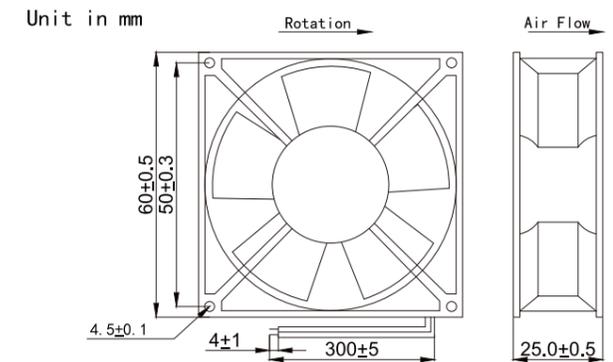
2060=60*60*20mm,D05=5V, D12=12V,D24=24V, H=High speed,M=Middle speed,S=Sleeve,L=Lead wire



60x60x15mm

型号 Model	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN1560D05MSL	5	Sleeve	0.25	1.25	3900	14.20	28	30g
GN1560D05HSL	5	Sleeve	0.37	1.85	4500	16.60	32	
GN1560D12MSL	12	Sleeve	0.11	1.32	3900	14.20	28	
GN1560D12HSL	12	Sleeve	0.13	1.56	4500	16.60	32	
GN1560D24MSL	24	Sleeve	0.08	1.92	4200	15.50	28	
GN1560D24HSL	24	Sleeve	0.09	2.16	4500	16.20	32	

1560=60*60*15mm,D05=5V, D12=12V,D24=24V, H=High speed,M=Middle speed,S=Sleeve,L=Lead wire



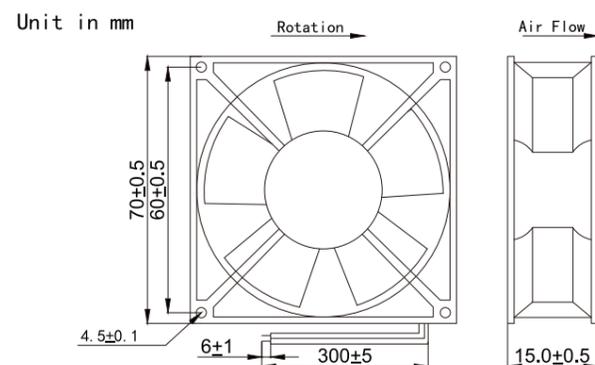
60x60x25mm

型号 Model	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN2560D05MSL	5	Sleeve	0.25	1.25	3400	17.80	25	62g
GN2560D05HSL	5	Sleeve	0.32	1.60	3900	22.30	29	
GN2560D12MSL	12	Sleeve	0.14	1.68	3500	18.00	25	
GN2560D12HSL	12	Sleeve	0.23	2.76	4500	23.20	29	
GN2560D24MSL	24	Sleeve	0.08	1.92	3500	18.60	25	
GN2560D24HSL	24	Sleeve	0.15	3.60	4500	23.20	29	

2560=60*60*25mm,D05=5V, D12=12V,D24=24V, H=High speed,M=Middle speed,S=Sleeve,L=Lead wire

直流风机

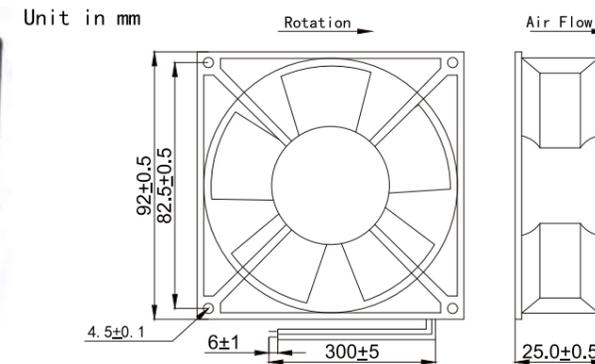
GN1570/2580



70x70x15mm

型号 Model	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN1570D05MSL	5	Sleeve	0.25	1.25	2400	22.40	25	65g
GN1570D05HSL	5	Sleeve	0.32	1.60	3000	27.80	28	
GN1570D12MSL	12	Sleeve	0.12	1.44	2400	22.40	25	
GN1570D12HSL	12	Sleeve	0.18	2.18	3200	28.50	28	
GN1570D24MSL	24	Sleeve	0.10	2.40	2400	22.40	25	
GN1570D24HSL	24	Sleeve	0.13	3.12	3200	28.50	28	

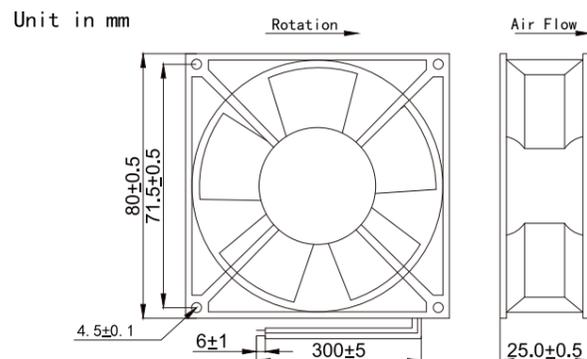
1570=70*70*15mm,D05=5V, D12=12V,D24=24V, H=High speed,M=Middle speed,S=Sleeve,L=Lead wire



92x92x25mm

型号 Model	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN2592D05MSL	5	Sleeve	0.35	1.75	2500	36.00	30	103g
GN2592D05HSL	5	Sleeve	0.40	2.00	3000	45.00	32	
GN2592D12MSL	12	Sleeve	0.16	1.92	2500	36.00	30	
GN2592D12HSL	12	Sleeve	0.20	2.40	3200	45.00	32	
GN2592D24MSL	24	Sleeve	0.12	2.88	2500	36.00	30	
GN2592D24HSL	24	Sleeve	0.16	3.60	3200	45.00	32	

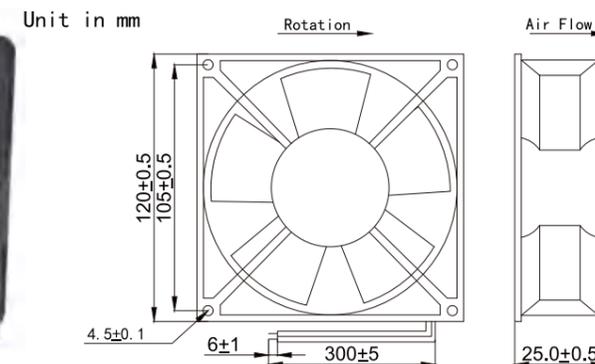
2592=92*92*25mm,D05=5V, D12=12V,D24=24V, H=High speed,M=Middle speed,S=Sleeve,L=Lead wire



80x80x25mm

型号 Model	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN2580D05MSL	5	Sleeve	0.32	1.60	2500	32.90	30	80g
GN2580D05HSL	5	Sleeve	0.38	1.90	3000	38.60	36	
GN2580D12MSL	12	Sleeve	0.14	1.68	2600	32.90	30	
GN2580D12HSL	12	Sleeve	0.18	2.16	3000	38.60	36	
GN2580D24MSL	24	Sleeve	0.08	1.92	2600	32.90	30	
GN2580D24HSL	24	Sleeve	0.10	2.40	3000	38.60	36	

2580=80*80*25mm,D05=5V, D12=12V,D24=24V, H=High speed,M=Middle speed,S=Sleeve,L=Lead wire



120x120x25mm

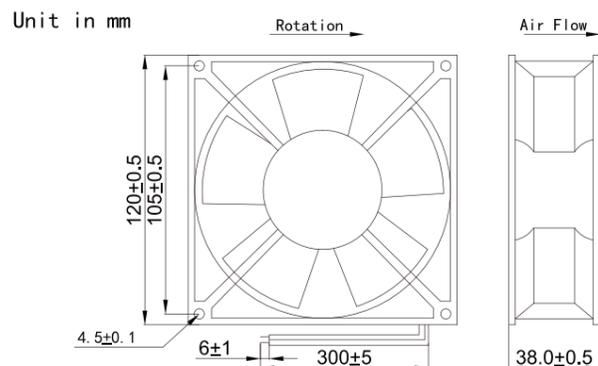
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GN25120D12MSL	12	Sleeve	0.20	2.40	2200	74.20	35	164g
GN25120D12HSL	12	Sleeve	0.28	3.36	2400	83.00	39	
GN25120D24MSL	24	Sleeve	0.17	3.96	2200	74.20	35	
GN25120D24HSL	24	Sleeve	0.33	4.08	2400	83.00	39	

25120=120*120*25mm,D12=12V,D24=24V, H=High speed,M=Middle speed,S=Sleeve,L=Lead wire

4

直流风机

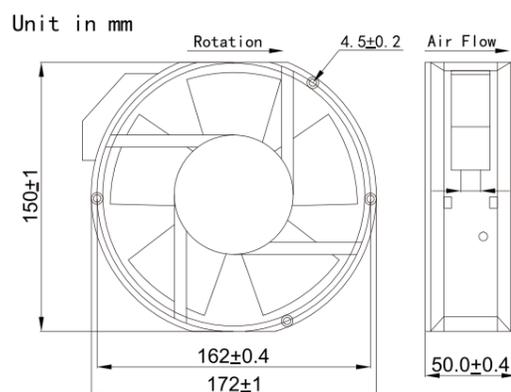
GN38120/50172



120x120x38mm

型号 Model	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN38120D12MSL	12	Sleeve	0.32	3.84	2300	85.00	36	250g
GN38120D12HSL	12	Sleeve	0.34	4.08	2500	95.00	40	
GN38120D24HSL	24	Sleeve	0.20	4.80	2500	95.00	40	
GN38120D48HSL	48	Sleeve	0.18	8.64	2500	95.00	40	

38120=120*120*38mm,D12=12V,D24=24V, H=High speed,M=Middle speed,S=Sleeve,L=Lead wire



172x150x50mm

型号 Model	电压 Voltage V	轴承 Bearing Type	电流 Current Amp	功率 Power W	转速 Speed Rpm	风量 Airflow Cfm	噪音 Noise dB(A)	重量 Weight Gram
GN50172D12MSL	12	Sleeve	1.20	14.40	2300	155	47	800g
GN50172D24HSL	24	Sleeve	0.65	15.60	2400	160	47	
GN50172D48MSL	48	Sleeve	0.40	19.20	2400	160	47	

50172=172*150*50mm,D12=12V,D24=24V,D48=48V, H=High speed,S=Sleeve,L=Lead wire

温控器

江苏稳不落配线器材有限公司
Wenbuluo Electrical Co.,Ltd

● 小巧/结构紧凑恒温器

----- JR1/JW1

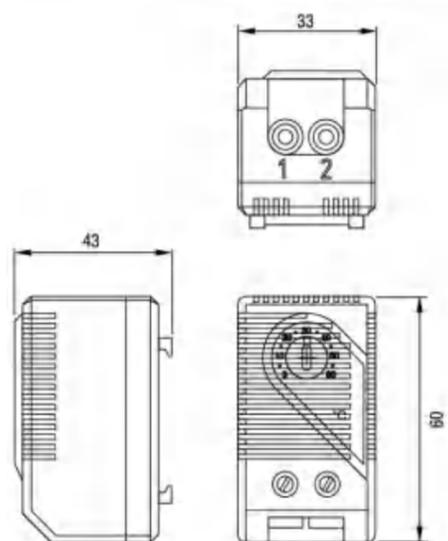


JR1: 恒温器(常闭):接触短路器调节加热器
 JW1: 恒温器(常开)
 当超过温度极限的时候, 接合器调节过滤风扇和热交换器或切换信号装置。

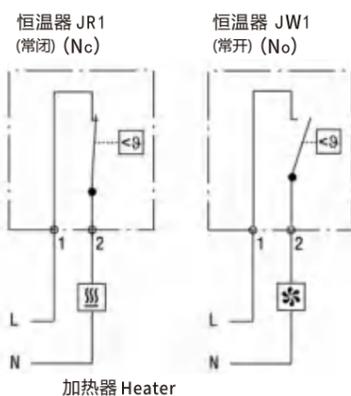
JR1:Thermostat (normally closed);Contact breaker for regulating heaters.
 JW1:Thermostat (normally open);
 Contact Maker for regulating of filter fans and heat exchangers or for switching signal devised when temperature limit has been exceeded.

技术参数 Technical Data

转换温差Switch temperature different	7K【±4开尔文(K)的误差】 7K(±4Ktolerance)
传感器元件 Sensor element	恒温双金属 thermostatic bimetal
接触器种类 Contact type	突动触头 Snap-action Contact
接触器电阻 Contact resistance	小于10 兆欧 <10 MΩ
使用寿命 Servicelife	大于 100,000 循环 >100,000 Cycles
最高切换负荷 Max:Switching Capacity	250伏交流电, 10(2) 安培 250VAC,10(2)A 120伏交流电, 15(2) 安培 120VAC,15(2)A 直流电 (DC)30 瓦 30WDCAT24V DCTO 72VDC
电磁兼容 (EMC) EMC	符合欧盟标准 EN55014-1-2, EN61000-3-2和EN61000-3-3 Conform to EN55014-1-2, EN61000-3-2, EN61000-3-3
连接方式 Connection	2-极接线柱, 最大夹紧扭矩 0.5 牛·米: 刚性线 2.5 平方毫米多股绞合线 (有线箍) 1.5 平方毫米 2-pole terminal, clamping torque 0.5Nm max rigid wire 2.5mm ² stranded wire (with wire end ferrule)1.5mm ²
安装 Mounting	35毫米 DIN导轨的夹子, 符合欧盟标准 EN60715(或用于过滤器出口 EF118系列) Clip for 35mmDIN rail, EN60715
外壳 Casing	塑料, 满足保险商实验室标准 UL94V-0, 浅灰色 Plastic accord to UL94V-0, light grey
外形尺寸 Dimensions	60x33x43mm
重量 Weight	大约 40克 approx.40g
装配位置 Fitting Position	根据情况而定 Variable
运行和储藏温度 Operating/Storage temperature	-45至+80 摄氏度 (-49至+176华氏度) -45to+80°C (-49to+176°F)
防护种类 Protection type	IP20级 IP20/II

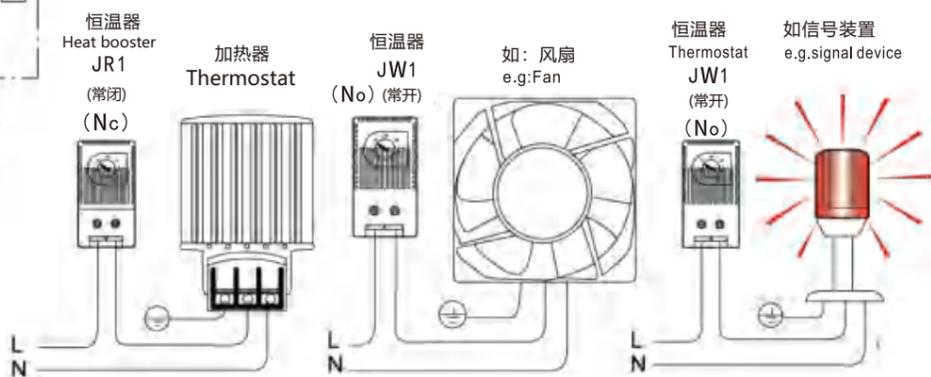


接线图 Connection diagrams



加热器 Heater

过滤风扇、冷却设备、信号装置
Filter-fan, Cooling, equipment, signal device



连接的例子 Example

● 双联恒温器

----- SK1



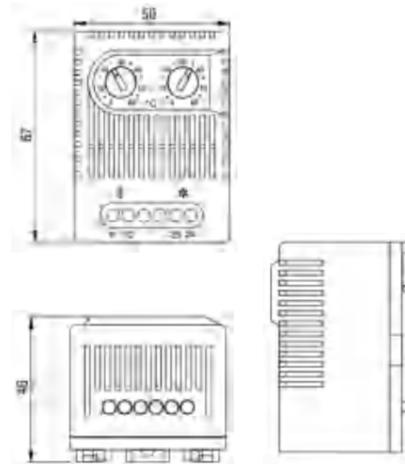
一个外壳里面的常开和常闭触头 NO and NC in one casing
可以单独调节温度 Separate adjustable temperatures
切换能力较高 High Switching Capacity
接线方便 Terminals easily accessible
卡式安装 Clip fixing

用于调节加热器的恒温器(接触断路器, 常闭)当超过温度极限的时候, 调节过滤风扇和热交换器或切换信号装置的恒温器(接合器, 常开)。加热器和冷却设备可以单独相互切换, 有温度偏差, 与常规的切换触头相反

Thermostat (Contact breaker, normally closed) for regulating heaters, Thermostat (Contact breaker, normally open) for regulating filter fans and heat exchangers or switching signal devices when temperature limit has been exceeded. Heaters and cooling equipment can be switched independently from each other with a temperature offset as opposed to the usual change-over contacts.

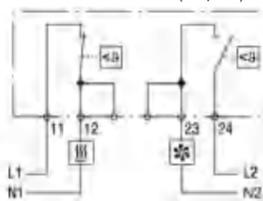
技术参数 Technical Data

转换温差Switch temperature different	7K【±4开尔文(K)的误差】 7K(±4Ktolerance)
传感器元件 Sensor element	恒温双金属 thermostatic bimetal
接触器种类 Contact type	突动触头 snap-action Contact
接触器电阻 Contact resistance	小于10兆欧 <10MΩ
使用寿命 Servicelife	大于 100,000 循环 >100,000 Cycles
最高切换负荷 Max:Switching Capacity	25伏交流电, 10(2) 安培 25VAC, 10(2)A 120伏交流电, 15(2) 安培 120VAC, 15(2)A 直流电 (DC)30瓦 30WDCAT 24V DCTO 72VDC
电磁兼容 (EMC) EMC	符合欧盟标准 EN55014-1-2, EN61000-3-2和 EN61000-3-3 Conform to EN55014-1-2, EN61000-3-2, EN61000-3-3
连接方式 Connection	4-极接线柱, 最大夹紧扭矩 0.5 牛·米: 刚性线 2.5 平方毫米多股绞合线 (有线箍) 1.5 平方毫米 4-pole terminal, clamping torque 0.5 Nm max rigid wire 2.5mm ² stranded wire (with wire end ferrule)1.5mm ²
安装 Mounting	35毫米 DIN 导轨的夹子, 符合欧盟标准 EN60715 Clip for 35mm DIN rail, EN 60715
外壳 Casing	塑料, 满足保险商实验室标准 UL94V-0, 浅灰色 Plastic accord to UL94V-0, light grey
外形尺寸 Dimensions	67×50×46mm
重量 Weight	大约 90克 approx.40g
装配位置 Fitting Position	根据情况而定 Variable
运行和储藏温度 Operating/Storage temperature	-45至+80 摄氏度 (-49至+176华氏度) -45to+80°C (-49to+176°F)
防护种类 Protection type	IP20级 IP20/II
认证 Approvals	保险商实验室 (UL) 卷宗编号 No.E164102 VDE+ULFileNo.E164102



接线图 Connection diagram

恒温器SK1 (常闭/常开)
Thermostat SK1(Nc/No)

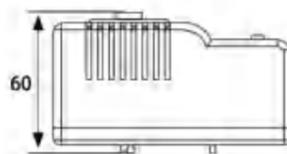
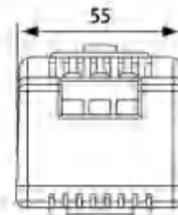
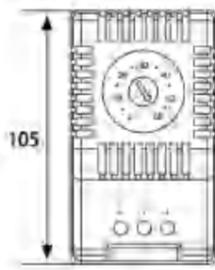


加热器 Heater 滤风扇 Filter fan
冷却设备 Cooling equipment 信号装置 Signal device

设置范围 Seffing Range		设置范围 Seffing Range	
接触断路器, 常闭 Contact breaker(Nc)	0至+60摄氏度 0 to+60°C	接合器, 常开 Contact maker(No)	0至+60摄氏度 0 to+60°C
接触断路器, 常闭 Contact breaker(Nc)	+32至+140华氏度 +32 to+140°F	接合器, 常开 Contact maker(No)	+32至+140华氏度 +32 to+140°F
接触断路器, 常闭 Contact breaker(Nc)	10至+50摄氏度 -10 to+50°C	接合器, 常开 Contact maker(No)	+20至+80摄氏度 +20 to+80°C
接触断路器, 常闭 Contact breaker(Nc)	+14至+122摄氏度 +14 to+122°F	接合器, 常开 Contact maker(No)	+68至+176摄氏度 +68to+176°F
接合器, 常开 Contact maker(No)	0至+60摄氏度 0 to+60°C	接合器, 常开 Contact maker(No)	0至+60摄氏度 0 to+60°C
接合器, 常开 Contact maker(No)	+32至+140华氏度 +32 to+140°F	接合器, 常开 Contact maker(No)	+32至+140华氏度 +32 to+140°F

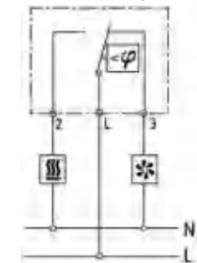
机械恒温器

MSD1



接线图

Connection diagram



机柜加热器 Endosure Heater

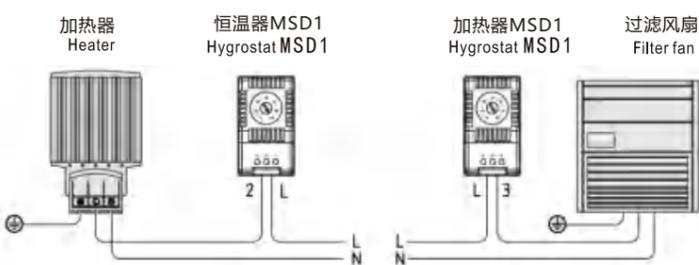
过滤风扇、冷却设备、信号装置
Filter-fan, Cooling, equipment, signal device

相对湿度可以调节	Adjustable relative humidity
切换接触器	Change-over contact
切换能力较高	High Switching Capacity
接线方便	Terminals easily accessible
卡式安装	Clip fixing

设计有电动机械恒温器MSD1, 用于控制机柜加热器, 目的是当临界相对湿度 超过65%的时候, 提高露点。在这种情况下, 可以有效防止冷凝和腐蚀。
The electromechanical hygrostat is designed to control endosure heaters so that the dew point is raised when a critical relative humidity of 65% is exceeded. In this way condensation and corrosion in enclosures with electric / electronic components is effectively prevented.

切换误差 Switch difference	4%相对湿度 (RH)(±3%的误差)4%RH(±3%tolerance)
可允许的风速 Permissible air velocity	15米 / 秒 15m/sec
接触器种类 Contact type	突出触头 snap-action Contact
接触器电阻 Contact resistance	小于10 兆欧 <10 MΩ
使用寿命 Service life	大于 100,000 循环 >100,000 Cycles
切换能力最低 Min. switching capacity	20伏交流电 / 直流电, 100毫安 (20 VAC/DC100 毫安)
最高切换负荷 Max: Switching Capacity	250伏交流电, 5(1) 安培 [50VAC, 5(1)A] 直流电 (DC) 20瓦, 250VAC, 5(1)A 20W DC
电磁兼容 (EMC) EMC	符合欧盟标准 EN55014-1-2, EN61000-3-2和 EN61000-3-3 Conform to EN55014-1-2, EN61003-3-2, EN61000-3-3
连接方式 Connection	3-极接线柱为 2.5 平方毫米, 最大夹紧扭矩 0.5 牛·米; 刚性线 2.5 平方毫米多股绞合线 (有线箍) 1.5平方毫米 3-pole terminal, clamping torque 0.5Nm max stranded wire (with wire end ferrule) 1.5mm ²
安装 Mounting	35毫米 DIN导轨的夹子, 符合欧盟标准 EN60715 Clip for 35mm DIN rail, EN60715
外壳 Casing	塑料, 满足保险商实验室标准 UL94V-0, 浅灰色 Plastic accord to UL94 V-0, light grey
外形尺寸 Dimensions	67x50x38mm
重量 Weight	大约 60克 approx. 40g
装配位置 Fitting Position	根据实际情况而定 Variable
运行和储藏温度 Operating/Storage temperature	0至 +60°C (32至 +140 华氏度) / -20 至 80°C (-4 至 +176°F) 0 to +60°C (+32 to +140°F) / -40 to 60°C (-40 to +140°F)
防护种类 Protection type	IP 20级 IP 20/II
认证 Approvals	保险商实验室 (UL) 卷宗编号 No E164102 VDE+UL File No. E164102

在50%相对湿度 (RH) 的条件下 at 50% RH



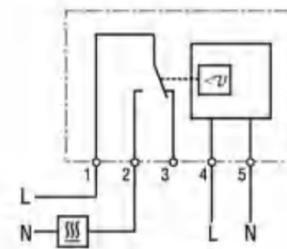
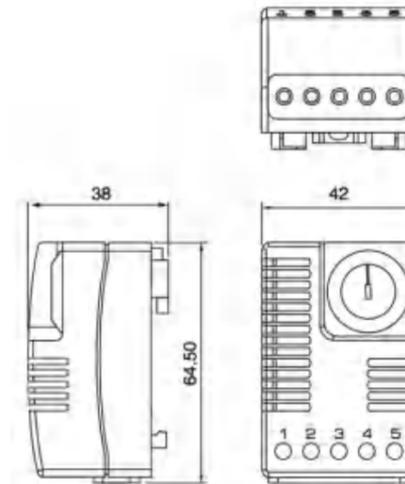
电子温控器

ESD1

设置范围大	Large setting range
磁滞小	Small hysteresis
光学运行显示屏(LED)	Optical operating display(LED)
切换接触器	Change-over contact
卡式安装	Clip fixing

该电子恒温器用于控制加热合格冷凝设备, 过滤器风扇或信号装置。该恒温器 通过继电器和切换接触器记录周围空气以及切换感应和电阻负载。当常闭接触器关闭的时候, 整合在调节旋转中的LED 灯被点亮(例如: 当一个被连接的 加热器正在运行的时候)。

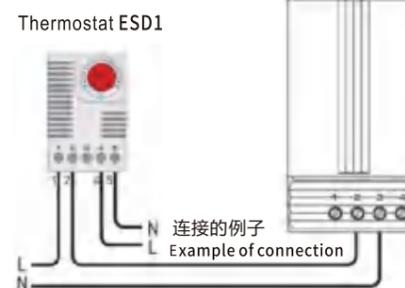
The electronic thermostat is used for controlling heating and cooling equipment filter fans or signal devices. The thermostat registers the surrounding air and can switch both inductive and resistive loads via relay with change-over contact. The LED integrated in the adjustment knob is lit when the NC contact is closed (e.g. when a connected heater is operating).



加热器
Heater

接线图

Connection diagram



Thermostat ESD1

连接的例子
Example of connection

切换误差 Switch difference	在 20°C / °F, 4K (± 1K 误差) 4K (± 1K tolerance) at 20°C / 68 °F
感应器元件 Sensor element	NTC (负温度系数) NTC
反应时间 Reaction time	大约 5秒 approx. 5 sec.
接触器类型 Contact type	交换接触器 (继电器) change-over contact (relay)
寿命 Service life	> 50,000 循环 > 50,000 cycle
最大切换负荷 (继电器输出) Max: Switching Capacity (relay output)	240VAC, 8(1.6)A 120VAC, 8(1.6)A 24VDC, 4A
光学显示器 Optical indicator	LED
连接方式 Connection	5极端子, 最大夹紧扭矩 0.5 牛·米: 刚性线 2.5 mm ² 多股绞合线 (有线箍) 1.5mm ² 5-pole terminal, clamping torque 0.5Nm max; rigid wire 2.5mm ² stranded wire (with wire end ferrule) 1.5mm ²
安装 Mounting	35毫米 DIN导轨的夹子, EN 60715 clip for 35mm DIN rail, EN 60715
外形尺寸 Casing	64.5x42x38mm plastic according to UL94 V-0, light grey
重量 Dimensions	大约 70克 64.5x42x38mm
安装位置 Weight	垂直 approx. 70g
运行和储藏温度 Fitting position	-40~+85°C (-40~+185°F) vertical
运行和储藏温度 Operating/Storage temperature	最大相对湿度 90% (不冷凝) -30 to +60°C (-22 to +140°F) / -40 to +85°C (-40 to +185°F)
保护种类 Protection type	IP20 IP20

电子温控器

ESD2



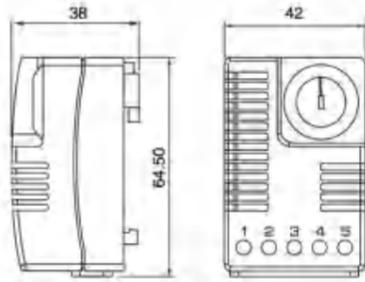
可调节和预设置相对湿度	Adjustable and pre-set relative humidity
光学运行显示屏 (发光二极管LED)	Status indicator (LED)
切换能力较高	High Switching Capacity
卡式安装	Clip Fixing
温度可以补偿	Temperature-compensated

电子恒湿器通过电动/电子元件感应机柜内的相对湿度，并在设定点打开加热器，有助于防止机柜内形成冷凝。当连接的加热器运行的时候，集成在调节旋钮内的发光二极管(LED)亮。

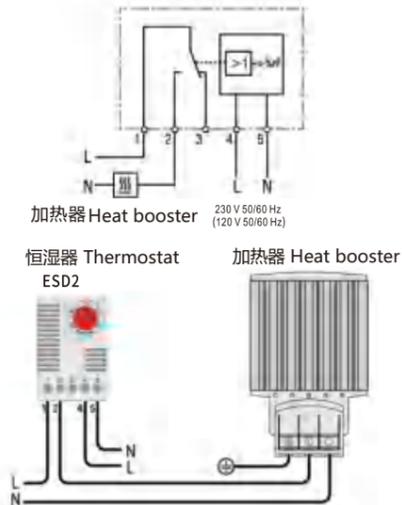
The electronic hygrostat senses the relative humidity in an enclosure with electric/electronic components and turns on a heater at the set point, helping prevent the formation of condensation in the enclosure the led integrated in the adjustment knob is lit when the connected heater is in operation.

技术参数 TECHNICAL DATA

切换误差 Switch difference	在25摄氏度/77华氏度【50%相对湿度 (RH)】的条件下,5%相对湿度 (RH)(±1%相对湿度 (RH) 误差) 5%RH(±1%RHtolerance)at+25°C(+77°C),50%RH
反应时间 Reaction time	大约5秒。Approx 5sec
接触器种类 Contact type	切换接触器 (继电器) change-over contact(relay)
使用寿命 Service life	大于50,000循环 >50,000cycle
最高切换负荷 (继电器输出) Max:switching capacity (relay output)	240伏交流电, 8(1.6) 安培 120伏交流电, 8(1.6) 安培 24伏直流电, 4安培 (24 VDC,4安培) 240VAC/120VAC8(16)A DC100W at 24VDC
电磁兼容 (EMC)	符合欧盟标准EN55014-1-2,EN61000-3-2和EN61000-3-3 Conform to EN55014-1-2, EN61003-3-2,EN61000-3-3
光学指示器 Optical indicator	发光二极管 (LED)
连接方式 Connection	5-极接线柱, 最大夹紧扭矩0.5牛·米: 刚性线 2.5平方毫米 多股绞合线 (有线箍)1.5平方毫米 5-pole terminal, clamping torque 0.5Nm max: rigid wire 2.5mm ² stranded wire(with wire end ferrule)1.5mm ²
安装 Mounting	35毫米 DIN导轨的夹子, 符合欧盟标准 EN 60715 clip for 35mm DIN rail, EN60715
外壳 Casing	塑料, 满足保险商实验室标准 UL94V-0, 浅灰色 plastic according to UL94V-0, light grey
外形尺寸 Dimensions	64.5x42x38mm
重量 Weight	大约70克 approx.70g
装配位置 Fitting position	垂直方向 vertical
运行和储藏温度 Operating/Storage temperature	0至+60摄氏度 (+32至+140华氏度) /-20至70摄氏度 (-4至+158华氏度) 0 to+60°C (+32to+140°F) /-20to+70°C (-4to+158°F)
最高储藏湿度 Operating/Storage humidity	90%相对湿度 (RH)(不冷凝) max.95%RH(non-condensing)
防护种类 Protection type	IP 20级 IP 20



L[含义: 电气的相位或线]
N[含义: 电气的零线]
L(implication: electric phase or wire)
N(implication: electric naught wire)



连接的例子 Example of connection

电子湿度温控器

ESD3



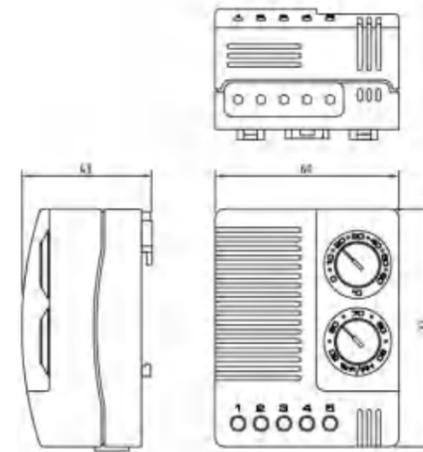
温度和湿度可以调节	Temperature and humidity adjustable
光学运行显示屏【发光二极管(LED)】	Status indicator (LED)
切换能力较高	High switching capacity
卡式安装	Clip fixin

电子湿度控制器通过电动/电子元件感应机柜内的环境温度和相对湿度，并在设任一定点打开加热器(或者风扇)，有助于防止机柜内形成冷凝。当连接的装置运行的时候，集成在主动控制器调节旋钮内的发光二极管(LED)亮。

The electronic hygrotherm senses the ambient temperature and relative humidity in an enclosure with electric/electronic components and turns on a heater(or alternatively a fan) at either set point, helping prevent the formation of condensation in the enclosure. Due to its wide voltage range the hygrotherm can be utilised anywhere in the world. The LED integrated in the adjustment knob on the active controller is lit when the connected device is in operation.

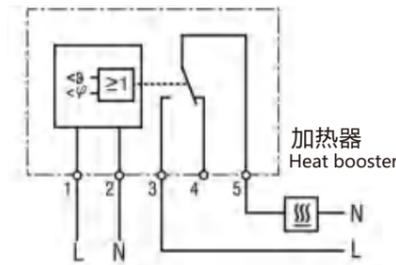
技术参数 TECHNICAL DATA

切换误差 (温度) Switch difference (temperature)	在25摄氏度/77华氏度【50%相对湿度 (RH)】的条件下, 2开尔文 (K)(±1%误差) 50%RH at 25°C/77°F, 2K(±1% tolerance)
切换误差 (湿度) Switch difference (humidity)	在25摄氏度/77华氏度【50%相对湿度 (RH)】的条件下, 4%相对湿度 (RH)(±1%误差) 50%RH at 25°C/77°F, 4%RH(±1% tolerance)
反应时间 Reaction time	大约5秒 Approx. 5sec.
接触器种类 Contact type	切换接触器 (继电器) Change-over Contact (relay)
接触器电阻 Contact resistance	小于10兆欧 <10MΩ
使用寿命 Service life	常闭: 大于50,000循环 NC:>5,000 Cycles 常开: 大于100,000循环 NO:>10,000 Cycles
最高切换负荷 (继电器输出) Max:switching capacity (Relay Output)	常闭: 240伏交流电, 6(1) 安培 NC: 240V AC, 6(1)A 常开: 240伏交流电, 8(1.6) 安培 NO: 240VAC, 8(1.6)A 常闭: 120伏交流电, 6(1) 安培 NC: 120V AC, 6(1)A 常开: 120伏交流电, 8(1.6) 安培 NO: 120VAC, 8(1.6)A 24伏直流电, 4安培 (24VDC, 4安培) 24V DC, 4A
电磁兼容 (EMC)	符合欧盟标准 EN55014-1-2, EN61000-3-2和EN61000-3-3 Conform to EN55014-1-2, EN61003-3-2, EN61000-3-3
光学指示器 Optical indicator	发光二极管 (LED)
连接方式 Connection	5-极接线柱, 最大夹紧扭矩0.5牛·米: 刚性线 2.5平方毫米 多股绞合线 (有线箍)1.5平方毫米 5-pole, clamping torque 0.5Nm max Rigid wire 2.5mm ² stranded wire (with wire end ferrule) 1.5mm ²
安装 Mounting	35毫米 DIN导轨的夹子, 符合欧盟标准 EN60715 Clip for 35mm DIN rail, EN60715
外壳 Casing	塑料, 符合UL94V-0, 浅灰色 Plastic according to UL94V-0, light grey
外形尺寸 Dimensions	77x60x43mm
重量 Weight	大约0.2kg approx. 0.2kg
装配位置 Fitting position	垂直方向 Vertical
运行和储藏温度 Operating/Storage temperature	0至+60°C(+32至+140华氏度) /-20至80°C(-4至+176°F) 0 to+60°C(+32to+140°F) 1-20to+80°C(-4to+176°F)
防护种类 Protection type	IP 20级 IP 20/11

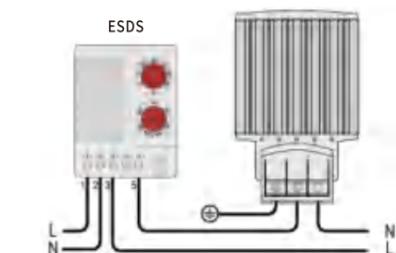


L[含义: 电气的相位或线]
N[含义: 电气的零线]
L(implication: electric phase or wire)
N(implication: electric naught wire)

接线图 Connection diagram



连接的例子 Example



5



加热器

江苏稳不落配线器材有限公司
Wenbuluo Electrical Co.,Ltd

小型半导体加热器

JR 048
10W-30W



- 动态加热 Dynamic Heating
- 节约能量 Energy Saving
- 较宽的电压范围 Wide Voltage Range
- 设置温度极限 Temperature Limiting
- 卡式安装 Clip Fixing

为了防止冷凝或在温度有可能降至最低值以下，机柜装有加热器，这样可以避免腐蚀 和保证温度均匀。

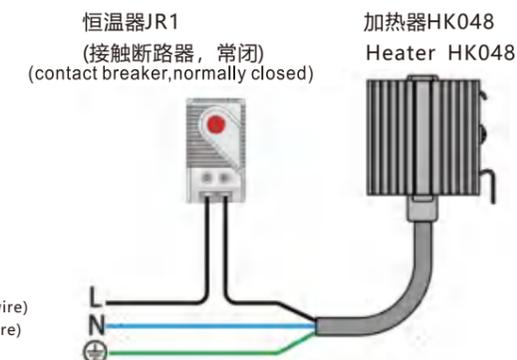
The heaters are used in enclosures where condensation is to be prevented or the temperature may not fall below a minimum value. In this way, corrosion is avoided and an even temperature is ensured.

技术参数 TECHNICAL DATA

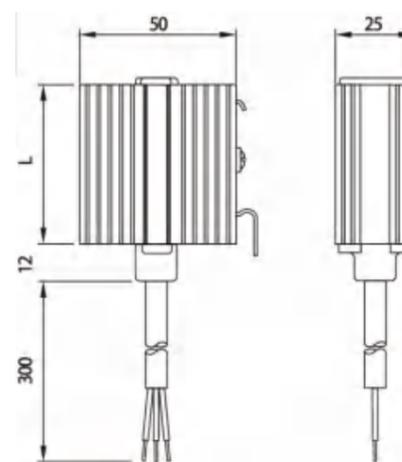
加热元件 Heating element	正温度系数 (PTC) 电阻器, 设置温度极限 PTC resistor, self regulating and temperature limiting
加热器本体 Heater body	外形轮廓为挤压铝材, 有阳极保护 extruded aluminium profile, anodised
安装 Mounting	35毫米 DIN导轨的夹子, 符合欧盟标准 EN60715 clip for 35mm DIN rail, EN 50022
装配位置 Fitting position	垂直方向 vertical
运行和储藏温度 Operating/Storage temperature	-40至+70摄氏度 -50至+90摄氏度 -40 to +70°C -50 to +90°C
防护种类/防护等级 Protection type/Protection class	IP 20级 / I (接地) IP20/I (earthed)

运行电压: 140伏交流电/直流电(140VAC/DC), 发热性能降低大约10%
Operating with voltages below 140VAC/DC reduces heating performance by approx. 10%.

连接的例子 Example of connection



35毫米DIN导轨的夹子
Clip for 35mm DIN rail



L[含义: 电气的相位或线]
N[含义: 电气的零线]
L(implication: electric phase or wire)
N(implication: electric naught wire)

型号 Art. No.	运行电压 Operating voltage	加热量 1 Heating capacity ¹⁾	最大冲击电流 Inrush current max	长度 (L) Length	大约重量 Weight(approx.)	连接方式 Connection
JR 048 10W	120-240V AC	10W	1.0A	50mm	0.1KG	3x0.5mm ² x300mm护套电缆(硅树脂)sheathed cable
JR 048 20W	120-240V AC	20W	2.5A	60mm	0.2KG	3x0.5mm ² x300mm护套电缆(硅树脂)sheathed cable
JR 048 30W	120-240V AC	30W	3.0A	70mm	0.2KG	3x0.5mm ² x300mm护套电缆(硅树脂)sheathed cable

环境温度为20摄氏度(68华氏度)²⁾运行电压: 140伏交流电/直流电(140VAC/DC), 发热性能降低大约10%。

¹⁾ at 20 °C (68 ° F) ambient temperature ²⁾ (min. 110V, max 265V) Operating with voltages below 140V AC/DC reduces heating performance by approx. 10%

● 半导体加热器

JR140
50W-150W

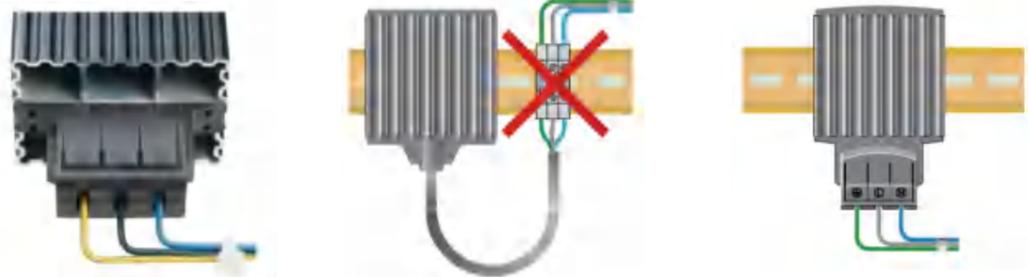
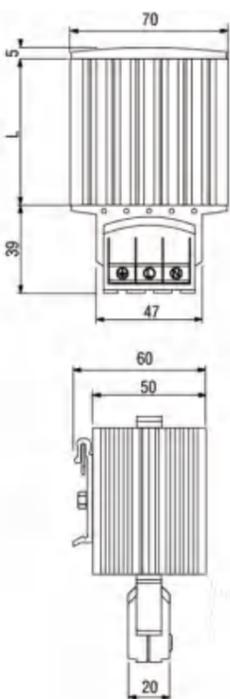


压力夹具接头、导线、接线端子 Pressure clamp connectors, Wireway, The wiring terminal	
动态加热 Dynamic heating up	
较宽的电压范围 Wide voltage range	
设置温度极限 Temperature limit setting	
节约能量 Energy saving	
卡式安装 Clip fixing	
快速安装 Quick installation	

■ 技术参数 TECHNICAL DATA

运行电压 Operating voltage	120-240伏交流电/直流电*(最低110伏,最高265伏) 120-240VAC/DC*(min.110V,max.265V)
加热元件 Heating element	正温度系数(PTC)电阻器,设置温度极限 PTC resistor-temperature limiting
加热器本体 Heater body	外形轮廓为挤压铝材,有阳极保护 extruded aluminium profile, anodised
连接方式 Connection	3-极丝扣接头 2.5平方毫米,最大夹紧扭矩为0.8牛顿米 3-pole screw connector 2.5mm ² , clamping torque 0.8Nm max.
外壳连接方式 Connection casing	塑料,满足保险商实验室标准 UL94V-0黑色 plastic according to UL94V0, black
安装 Mounting	35毫米 DIN 导轨的夹子,符合欧盟标准 EN60715 clip for 35mm DIN rail, EN60715
装配位置 Fitting position	垂直方向 vertical airflow (air outlet up, connection on bottom)
运行和储藏温度 Operating/Storage temperature	-40至+70摄氏度 -50至+90摄氏度 -40 to +70°C -50 to +90°C
防护种类/防护等级 Protection type/Protection class	IP20级/II(接地) IP20/II(earthed)
认证 Approvals	CE

运行电压: 140伏交流电/直流电(140VAC/DC), 发热性能降低大约10%
Operating with voltages below 140VAC/DC reduces heating performance by approx. 10%.



型号 Art.No.	运行电压 Operating voltage	加热量* Heating capacity	外形尺寸 Outer size	安装 Installation
JR 140-50W	230VAC, 50/60Hz	50W	60x70x50mm	卡式安装 Clip fixing
JR 140-100W	230VAC, 50/60Hz	100W	140x70x50mm	卡式安装 Clip fixing
JR 140-150W	230VAC, 50/60Hz	150W	220x70x50mm	卡式安装 Clip fixing

● 半导体风扇加热器

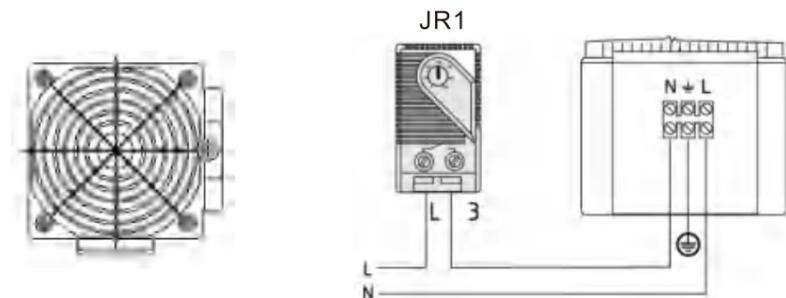
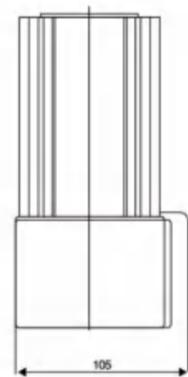
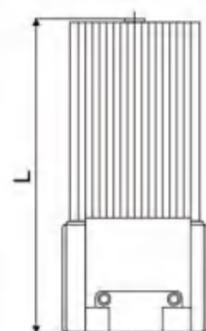
JR 046
250W-600W



■ 技术参数 TECHNICAL DATA

加热元件 Heating element	正温度系数(PTC)加热元件 PTC resistance heater
冲击电流 Rush current	230伏交流电(230VAC)的情况下,最大电流12安培, 120伏交流电(120VAC)的情况下,最大电流6安培 Max.12A with 230VAC working Max.6A with 120VAC working
表面温度 Surface temperature	外壳的最高温度90摄氏度;上部保护格栅的温度为 100摄氏度,环境温度为20摄氏度(68华氏度) Surface temperature: Max.90°C for casing, 100°C for top protective grille, at 20°C(68°F) for ambient temperature
轴流风扇,滚珠轴承 Axial fan, ball bearing	气流13.8立方米/小时,自由流动40摄氏度条件下, 使用寿命为40,000小时 13.8m ³ /h for airflow, service life 4000h at 40°C
连接方式 Connection	3-极丝扣接头2.5平方毫米,最大夹紧扭矩为0.8牛顿米 3-pole screw connector 2.5mm ² , clamping torque 0.8Nm max.
加热器本体 Heater body	外形轮廓为挤压铝材,有阳极保护 extruded aluminium profile, anodised
安装 Mounting	35毫米DIN导轨的夹子,符合欧盟标准 EN 60715或螺丝紧固 (直径为5.3毫米) clip for 35mm DIN rail, EN 60715 or screw fastening (OD is 5.3mm)
装配位置 Fitting position	垂直方向 vertical airflow (air outlet up)
重量 Weight	大约0.3千克 approx. 0.3kg
运行和储藏温度 Operating/Storage temperature	-40至+70摄氏度 -40至+70°C -50至+90摄氏度 -50 to +90°C
防护种类/防护等级 Protection type/Protection Level	IP20级/II(双绝缘) IP20/II(earthed)

注意!加热器只能与风扇同时运转,否则,有过热的危险!
Note: Heater may only be operated together with fan. Danger of overheating!



型号 Art.No.	运行电压 Operating voltage	加热量* Heating capacity	外形尺寸 Outer size	安装 Installation
JR 046-250	230VAC, 50/60Hz	250W	182X105X86mm	卡式安装 Clip fixing
JR 046-400	230VAC, 50/60Hz	400W	222X105X86mm	卡式安装 Clip fixing
JR 046-600	230VAC, 50/60Hz	600W	222X105X86mm	卡式安装 Clip fixing

在环境温度为20摄氏度(68华氏度)的条件下
In the environment temperature condition of 20°C(68°F)

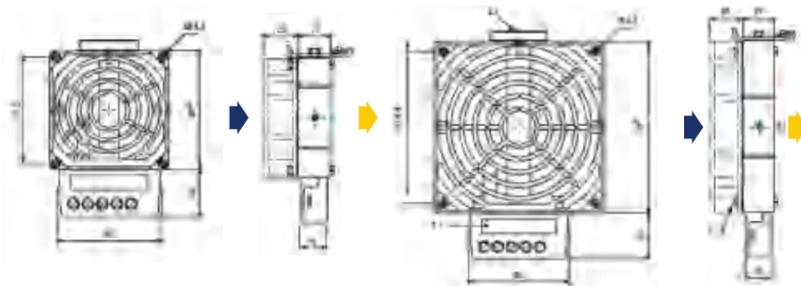
● 节省空间型风扇加热器

JR031/JRF031
150W-1000W

■ 技术参数 TECHNICAL DATA

JR-031	不带风扇的加热器(包括风扇安装组件) Heater without fan(fan mounting kit included)
JRF-031	带风扇的加热器Heater with fan
加热元件Heating element	高性能加热丝High performance cartridge
温度安全开孔 Temperaturesafety cut-out	如果风扇失效,防止过热 to protect against over heating in case of fan failure
加热器本体 Heater body	压铸铝(带有玻璃珠) die-cast aluminum(glass bead blasted)
连接方式 Connection	3-极丝扣接头2.5平方毫米,最大夹紧扭矩为0.8牛·米 3-polescrewconnector2.5mm ² ,clamping torque0.8Nm max.
外壳连接方式 Connection casing	塑料,满足保险商实验室标准UL94V-0,黑色 plastic according to UL94V-0,black
安装 Mounting	35毫米DIN导轨的夹子,符合欧盟标准EN60715 clip for 35mmDIN rail,EN60715
装配位置Fitting position	垂直方向 vertical airflow(air outlet up)
运行和储藏温度 Operating/Storage temperature	-40至+70摄氏度 -50至+90摄氏度 -40 to +70°C -50 to +90°C
防护种类/防护等级 Protection type/Protection Level	IP20级/(接地)IP20/I(earthed)
认证Approvals 只是JRF031 JRF031 only	CE
轴流风扇,滚珠轴承 Axial fan,ball bearing	气流参见表格airflow see table 在25摄氏度(77华氏度)的条件下,使用寿命50,000小时 service life 50,000h at 25°C(77°F)
连接方式(轴流风扇) Connection(axial fan)	2-极丝扣接头2.5平方毫米(L2/N2) 2-pole screw connector 2.5mm ² (L2/N2)

注意!加热器只能与风扇同时运转,否则,有过热的危险!
Note:Heater may only be operated together with fan.Danger of overheating!



型号Model	运行电压Operating voltage	加热量*Heating capacity	外形尺寸Outer size	安装Installation
JR031-150	230VAC,50/60Hz	150W	80X112X25mm	卡式安装Clip fixing

型号Model	加热量 Heating capacity	最小气流,自由流动 Airflow min,free flow	外形尺寸Outer size	安装Installation
JRF031-150	150W	35m ³ /h	80X112X53mm	卡式安装Clip fixing
JRF031-200	200W	108m ³ /h	119X151X53mm	卡式安装Clip fixing
JRF031-300	300W	108m ³ /h	119X151X53mm	卡式安装Clip fixing
JRF031-400	400W	108m ³ /h	119X151X53mm	卡式安装Clip fixing
JRF031-600	600W	160m ³ /h	119X151X68mm	卡式安装Clip fixing



(B)



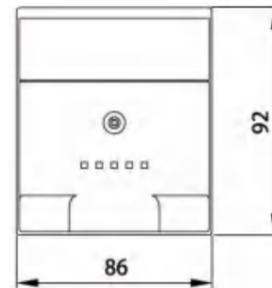
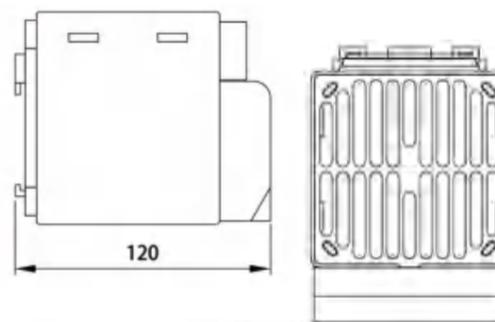
● 小型半导体风扇加热器

JR028
150-800W

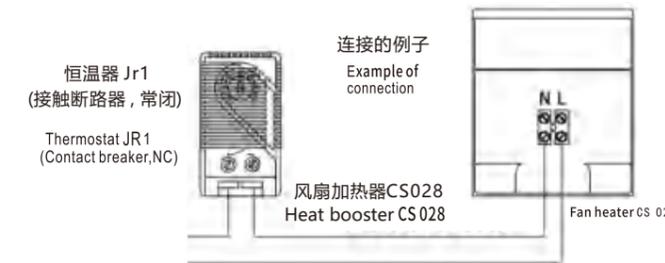
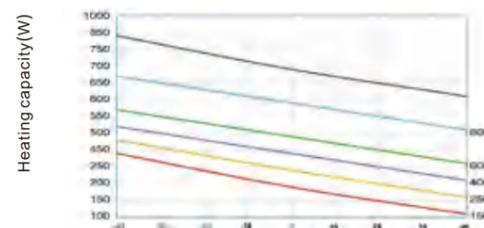
■ 技术参数 TECHNICAL DATA

加热元件 Heating element	正温度系数(PTC)加热元件 PTC
冲击电流 Rush current	230伏交流电(230VAC)的情况下,最大电流12安培, 120伏交流电(120VAC)的情况下,最大电流6安培 Max.12A with 230VAC working Max.6A with 120VAC working
表面温度 Surface temperature	外壳的最高温度50摄氏度;上部保护格栅的温度为 100摄氏度,环境温度为20摄氏度(68华氏度) Surface temperature:Max.50°C for casing,100°C for top protective grille,at 20°C(68°F)for ambient temperature
轴流风扇,滚珠轴承 Axial fan,ball bearing	气流13.8立方米/小时,自由流动40摄氏度条件下, 使用寿命为40,000小时 13.8m ³ /h for airflow,service life 4000h at 40°C
连接方式 Connection	2极丝扣(最大2.5平方毫米),夹紧螺丝最大扭矩为0.8牛·米 intenal connection terminal(Max.2.5mm ²),clamping torque0.8Nm max.
外壳 Connection casing	塑料,符合保险商实验室标准UL94V-0,黑色 plastic according to UL94V-0,black
安装 Mounting	35毫米DIN导轨的夹子,符合欧盟标准EN60715或 螺丝紧固(直径为5.3毫米) clip for 35mm DIN rail, EN 60715 or screw fastening(OD is 5.3mm)
装配位置 Fitting position	垂直方向 vertical airflow(air outlet up)
重量 Weight	大约0.3千克 approx.0.3kg
运行和储藏温度 Operating/Storage temperature	-40至+70摄氏度 -40~+70°C -50至+90摄氏度 -50 to +90°C
防护种类/防护等级 Protection type/Protection class	IP20级/II(双绝缘) IP20/I(earthed)

注意!加热器只能与风扇同时运转,否则,有过热的危险!
Note:Heater may only be operated together with fan.Danger of overheating!



加热量/环境温度曲线图CS028 温度(摄氏度)Temperature (°C)
Heating capacity/Ambient temperature diagram CS 028/CSL028



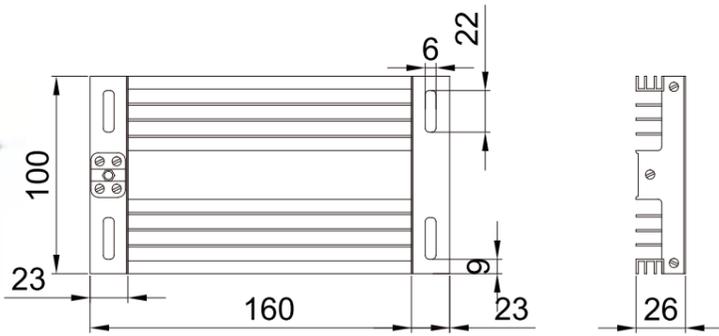
型号Art.No.	运行电压Operating voltage	加热量*Heating capacity	外形尺寸Outer size	安装Installation
JR 028.150W	230伏交流电, 50/60赫兹230VAC,50/60Hz	150W	120X86X92mm	卡式安装Clip fixing
JR 028.250W	230伏交流电, 50/60赫兹230VAC,50/60Hz	250W	120X86X92mm	卡式安装Clip fixing
JR 028.400W	230伏交流电, 50/60赫兹230VAC,50/60Hz	400W	120X86X92mm	卡式安装Clip fixing
JR 028.600W	230伏交流电, 50/60赫兹230VAC,50/60Hz	600W	120X86X92mm	卡式安装Clip fixing
JR 028.800W	230伏交流电, 50/60赫兹230VAC,50/60Hz	800W	120X86X92mm	卡式安装Clip fixing

在环境温度为20摄氏度(68华氏度)的条件下At 20°C(68°F) ambient temperature

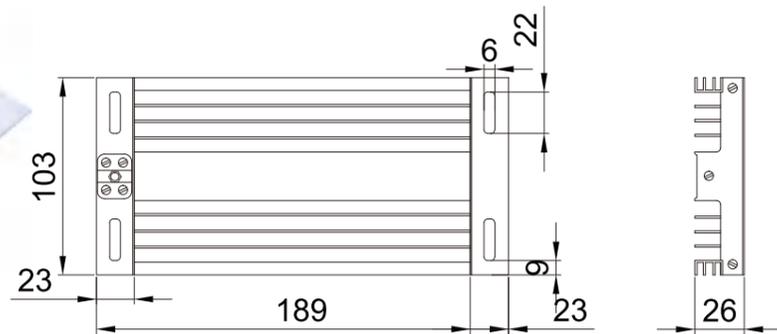
DJR/JRD
50W-500W

风扇加热器

Wenbuluo



DJR50~250 50-250W



JRD300~500 300-500W

其他型号可定制
Other models can be customized

型号 Model	抗电强度 接线端与表面 Electrical strength (terminal and surface)	连续使用寿命 Service life	绝缘电阻 Insulated resistance	额定功率 Rated power	工作电压 Work voltage	外形尺寸 Size
DJR-50	>2000VAC, 1min	>50000h	>100MΩ	50W	AC380V 220V DC220V 110V	L160XW100XH26mm
DJR-100	>2000VAC, 1min	>50000h	>100MΩ	100W	AC380V 220V DC220V 110V	L160XW100XH26mm
DJR-150	>2000VAC, 1min	>50000h	>100MΩ	150W	AC380V 220V DC220V 110V	L160XW100XH26mm
DJR-200	>2000VAC, 1min	>50000h	>100MΩ	200W	AC380V 220V DC220V 110V	L160XW100XH26mm
DJR-250	>2000VAC, 1min	>50000h	>100MΩ	250W	AC380V 220V DC220V 110V	L160XW100XH26mm
JRD-300	>2000VAC, 1min	>50000h	>100MΩ	300W	AC380V 220V DC220V 110V	L189XW103XH26mm
JRD-500	>2000VAC, 1min	>50000h	>100MΩ	500W	AC380V 220V DC220V 110V	L189XW103XH26mm



过滤网组

江苏稳不落配线器材有限公司
Wenbuluo Electrical Co.,Ltd

● 风扇及过滤网组

ZL800

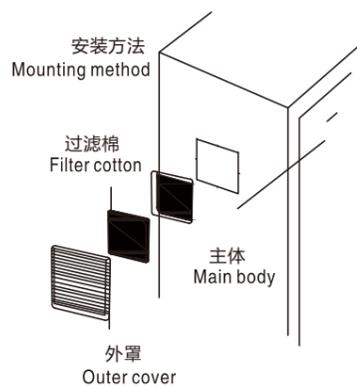
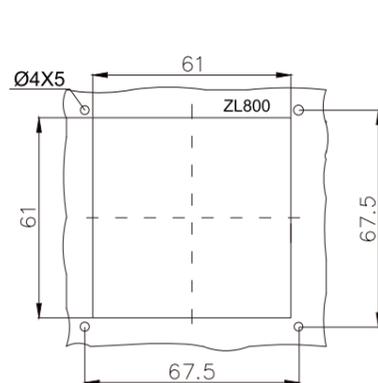
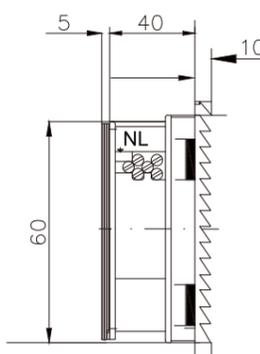
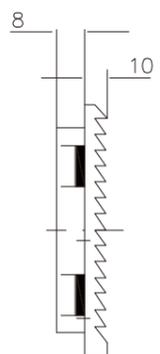
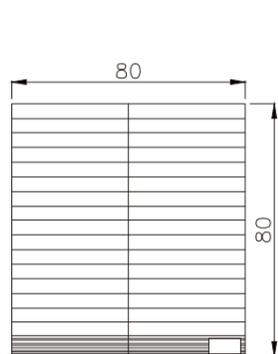


风扇及过滤器
Fan and filter
ZL800

出口过滤器
Outlet filter
ZL800.200

风扇及过滤器
Fan and filter
ZL800.230

安装剖面
Mounting profile
ZL800



风机及过滤器型号 ZL Fan and filter Model ZL	ZL800.230	ZL800.115	ZL800.024
设计工作电压(V/Hz) Designed operating voltage	230,50/60	115,50/60	
空气流量, 自由吹风 Airflow, free wind	27m ³ /h	配6025HBL2使用时 Applicable to 6025HBL2	
过滤棉型号和尺寸 Filter cotton types/dimensions	ZL800.000	56x56x3mm	
除尘率 Dust removal rate	86%		
轴流风扇 Axial fan	自启动屏蔽磁极电动机 Automatically started shaded pole motor		直流电机 DC motor
设计电流(A) Electric current designed(A)	0.06/0.05	0.12/0.10	
功率(W) POWER(W)	6/5		
噪音水平 dB(A) Noise level dB(A)	28/30		
使用温度 The use of temperature	-30°C—+70°C		
储存温度 Storage temperature	-40°C—+80°C		
颜色 Colour	RAL7035		
防护等级 IP code	用标准过滤垫为 IP44 IP 44 while using standeard filter mat		
出口过滤器型号 ZL Outlet filter Model ZL	800.200		
配套风扇 Supporting fan	适用于6025H BL2使用 Applicable to 6025HBL2		

订购其他颜色时, 请洽询。如需特殊电压也可根据洽询提供, 本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.

● 风扇及过滤网组

ZL801

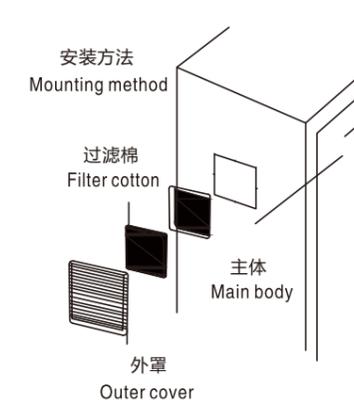
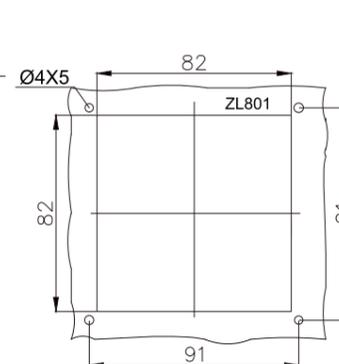
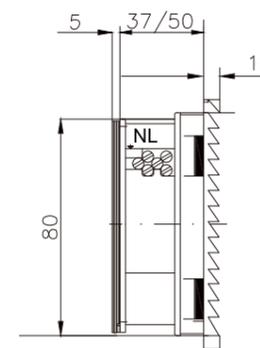
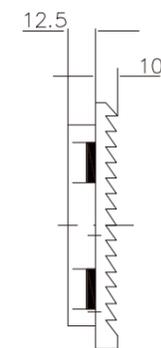
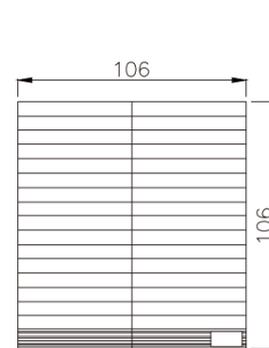


风扇及过滤器
Fan and filter
ZL801

出口过滤器
Outlet filter
ZL801.200

风扇及过滤器
Fan and filter
ZL801.230

安装剖面
Mounting profile
ZL801



风机及过滤器型号 ZL Fan and filter Model ZL	ZL801.230	ZL801.115	ZL801.024
设计工作电压(V/Hz) Designed operating voltage	230,50/60	115,50/60	24
空气流量, 自由吹风 Airflow, free wind	67m ³ /h	Applicable to 8025HBL2 配8025HBL2使用时	
过滤棉型号和尺寸 Filter cotton types/dimensions	ZL801.000	77x77x3mm	
除尘率 Dust removal rate	86%		
轴流风扇 Axial fan	自启动屏蔽磁极电动机 Automatically started shaded pole motor		直流电机 DC motor
设计电流(A) Electric current designed(A)	0.08/0.07	0.16/0.14	0.27
功率(W) POWER(W)	13/11	6.4	
噪音水平 dB(A) Noise level dB(A)	36/38		
使用温度 The use of temperature	-30°C—+70°C		
储存温度 Storage temperature	-40°C—+80°C		
颜色 Colour	RAL7035		
防护等级 IP code	IP 44 while using standeard filter mat 用标准过滤垫为 IP44		
出口过滤器型号 ZL Outlet filter Model ZL	801.200		
配套风扇 Supporting fan	Applicable to 8025HBL2 适用于8025H BL2使用		

订购其他颜色时, 请洽询。如需特殊电压也可根据洽询提供, 本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.

● 风扇及过滤网组

ZL802

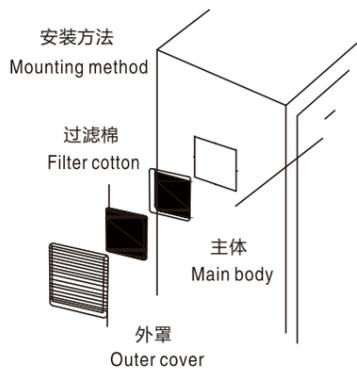
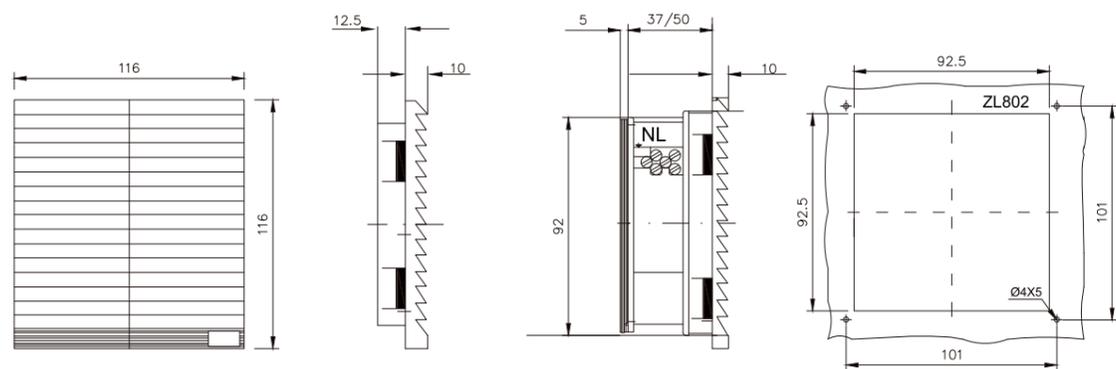


风扇及过滤器
Fan and filter
ZL802

出口过滤器
Outlet filter
ZL802.200

风扇及过滤器
Fan and filter
ZL802.230

安装剖面
Mounting profile
ZL802

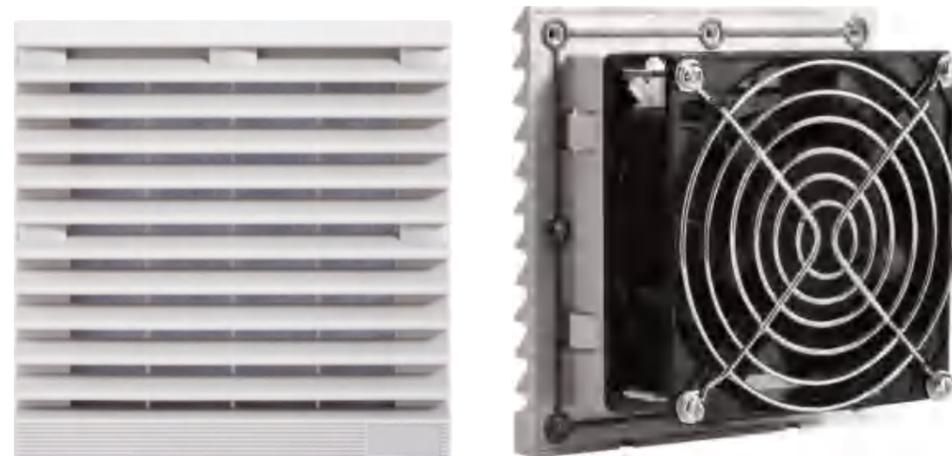


风机及过滤器型号ZL Fan and filter Model ZL	ZL802.230	ZL802.115	ZL802.024
设计工作电压(V/HZ) Designed operating voltage	230,50/60	115,50/60	24
空气流量, 自由吹风 Airflow, free wind	102m ³ /h	Applicable to 9225HBL2 配9225HBL2使用时	
过滤棉型号和尺寸 Filter cotton types/dimensions	ZL802.000	87x87x3mm	
除尘率 Dust removal rate	86%		
轴流风扇 Axial fan	自启动屏蔽磁极电动机 Automatically started shaded pole motor	直流电机 DC motor	
设计电流(A) Electric current designed(A)	0.07/0.06	0.12/0.15	0.38
功率(W) POWER(W)	16/17	9.1	
噪音水平 dB(A) Noise level dB(A)	29/30		
使用温度 The use of temperature	-30°C—+70°C		
储存温度 Storage temperature	-40°C—+80°C		
颜色 Colour	RAL7035		
防护等级 IP code	IP 44 while using standard filter mat 用标准过滤垫为 IP44		
出口过滤器型号 ZL Outlet filter Model ZL	802.200		
配套风扇 Supporting fan	Applicable to 9225HBL2 适用于9225HBL2使用		

订购其他颜色时, 请洽询。如需特殊电压也可根据洽询提供, 本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.

● 风扇及过滤网组

ZL803

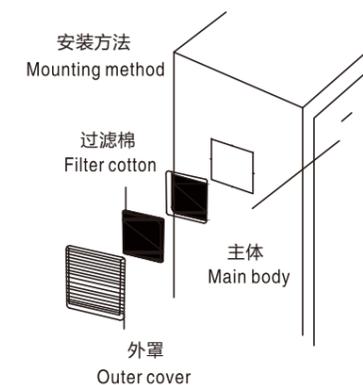
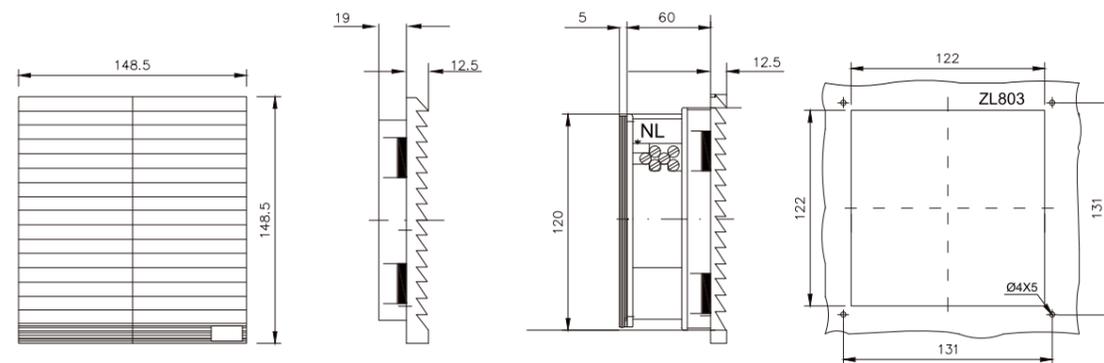


风扇及过滤器
Fan and filter
ZL803

出口过滤器
Outlet filter
ZL803.200

风扇及过滤器
Fan and filter
ZL803.230

安装剖面
Mounting profile
ZL803



风机及过滤器型号ZL Fan and filter Model ZL	ZL803.230	ZL803.115	ZL803.024
设计工作电压(V/HZ) Designed operating voltage	230,50/60	115,50/60	24
空气流量, 自由吹风 Airflow, free wind	140m ³ /h	Applicable to 12038HBL2 配12038HBL2使用时	
过滤棉型号和尺寸 Filter cotton types/dimensions	ZL803.000	116x116x10mm	
除尘率 Dust removal rate	86%		
轴流风扇 Axial fan	自启动屏蔽磁极电动机 Automatically started shaded pole motor	直流电机 DC motor	
设计电流(A) Electric current designed(A)	0.14/0.13	0.28/0.26	0.22
功率(W) POWER(W)	21/25	5.3	
噪音水平 dB(A) Noise level dB(A)	47/49		
使用温度 The use of temperature	-30°C—+70°C		
储存温度 Storage temperature	-40°C—+80°C		
颜色 Colour	RAL7035		
防护等级 IP code	IP 44 while using standard filter mat 用标准过滤垫为 IP44		
出口过滤器型号 ZL Outlet filter Model ZL	803.200		
配套风扇 Supporting fan	Applicable to 12038HBL2 适用于12038HBL2使用		

订购其他颜色时, 请洽询。如需特殊电压也可根据洽询提供, 本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.

● 风扇及过滤网组

ZL804

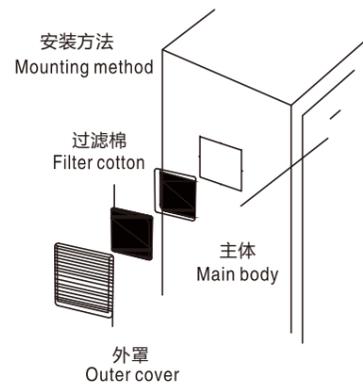
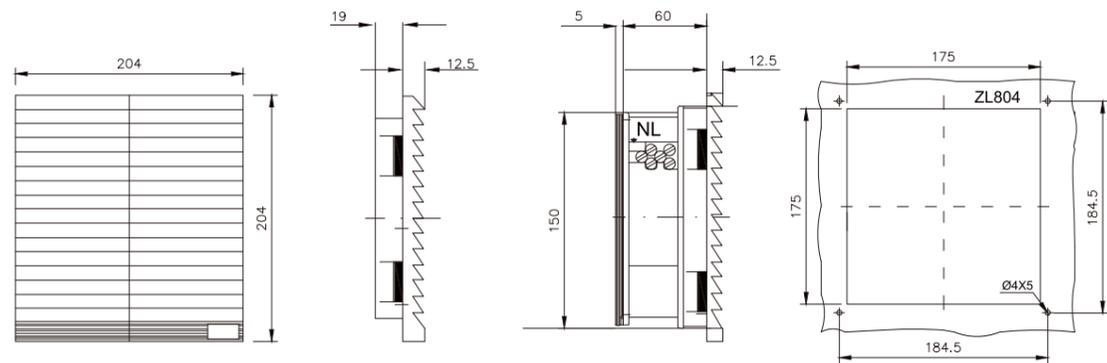


风扇及过滤器
Fan and filter
ZL804

出口过滤器
Outlet filter
ZL804.200

风扇及过滤器
Fan and filter
ZL804.230

安装剖面
Mounting profile
ZL804



风机及过滤器型号 ZL Fan and filter Model ZL	ZL804.230	ZL804.115	ZL804.024
设计工作电压(V/Hz) Designed operating voltage	230,50/60	115,50/60	24
空气流量, 自由吹风 Airflow, free wind	300m ³ /h Applicable to 17250HBL2 配17250HBL2使用时		
过滤棉型号和尺寸 Filter cotton types/dimensions	ZL804.000	170x170x10mm	
除尘率 Dust removal rate	86%		
轴流风扇 Axial fan	自启动屏蔽磁极电动机 Automatically started shaded pole motor		直流电机 DC motor
设计电流(A) Electric current designed(A)	0.25	0.5	0.5
功率(W) POWER(W)	38	12	
噪音水平 dB(A) Noise level dB(A)	55		
使用温度 The use of temperature	-30°C—+70°C		
储存温度 Storage temperature	-40°C—+80°C		
颜色 Colour	RAL7035		
防护等级 IP code	IP 44 while using standard filter mat 用标准过滤垫为 IP44		
出口过滤器型号 ZL Outlet filter Model ZL	804.200		
配套风扇 Supporting fan	Applicable to 17250HBL2 适用于 17250H BL2 使用		

订购其他颜色时, 请洽询。如需特殊电压也可根据洽询提供, 本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.

● 风扇及过滤网组

ZL805

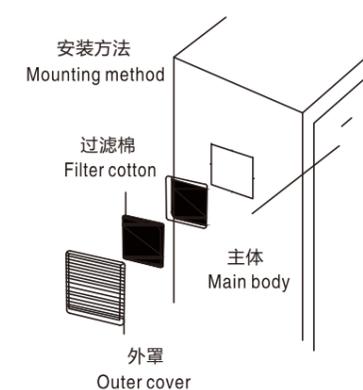
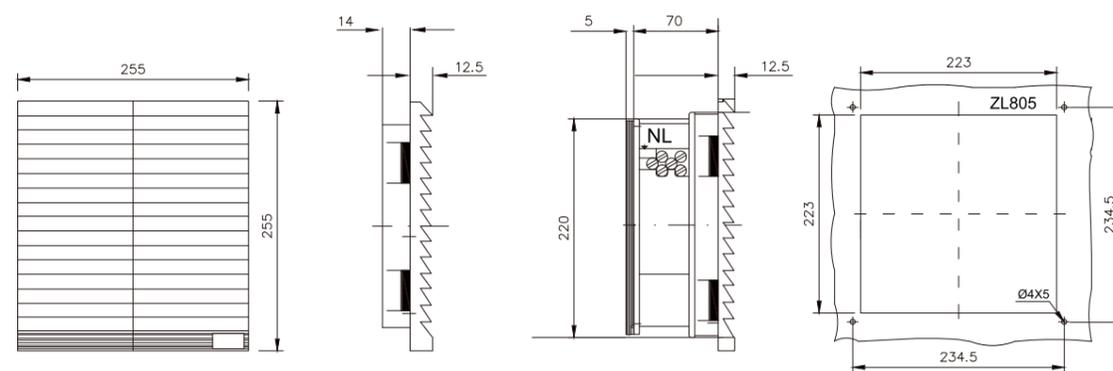


风扇及过滤器
Fan and filter
ZL805

出口过滤器
Outlet filter
ZL805.200

风扇及过滤器
Fan and filter
ZL805.230

安装剖面
Mounting profile
ZL805



风机及过滤器型号 ZL Fan and filter Model ZL	ZL805.230	ZL805.115	ZL805.024
设计工作电压(V/Hz) Designed operating voltage	230,50/60	115,50/60	24
空气流量, 自由吹风 Airflow, free wind	660m ³ /h Applicable to 20060HBL2 配20060HBL2使用时		
过滤棉型号和尺寸 Filter cotton types/dimensions	ZL805.000	220x220x10mm	
除尘率 Dust removal rate	86%		
轴流风扇 Axial fan	自启动屏蔽磁极电动机 Automatically started shaded pole motor		直流电机 DC motor
设计电流(A) Electric current designed(A)	0.35	0.70	1.50
功率(W) POWER(W)	65	36	
噪音水平 dB(A) Noise level dB(A)	60		
使用温度 The use of temperature	-30°C—+70°C		
储存温度 Storage temperature	-40°C—+80°C		
颜色 Colour	RAL7035		
防护等级 IP code	IP 44 while using standard filter mat 用标准过滤垫为 IP44		
出口过滤器型号 ZL Outlet filter Model ZL	805.200		
配套风扇 Supporting fan	Applicable to 20060HBL2 适用于 20060H BL2 使用		

订购其他颜色时, 请洽询。如需特殊电压也可根据洽询提供, 本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.

● 风扇及过滤网组

ZL806



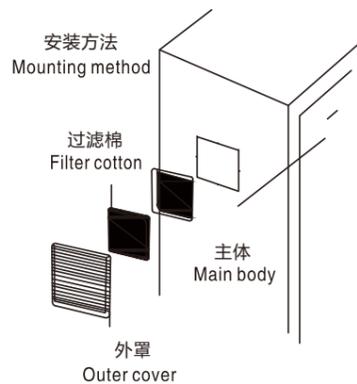
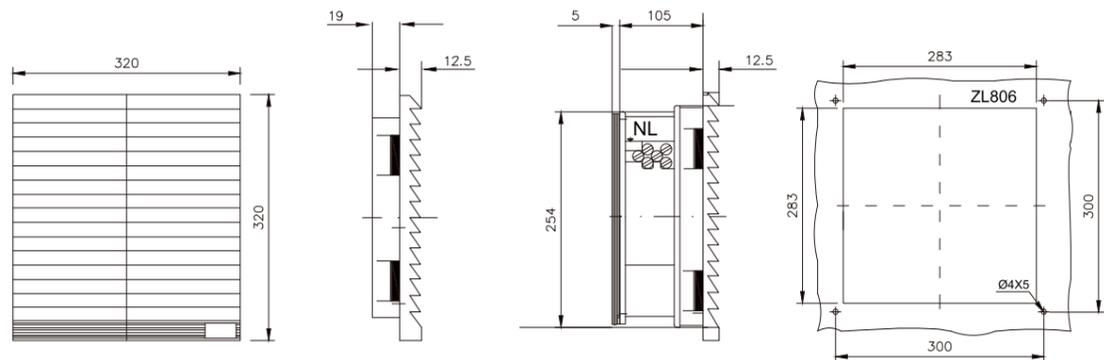
风扇及过滤器
Fan and filter
ZL806

出口过滤器
Outlet filter
ZL806.200



风扇及过滤器
Fan and filter
ZL806

安装剖面
Mounting profile
ZL806

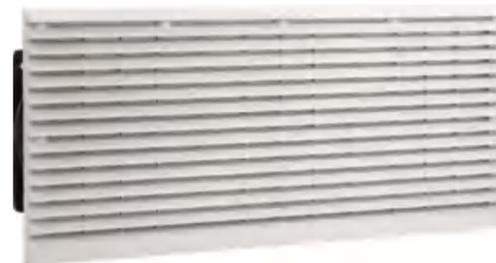


风机及过滤器型号ZL Fan and filter Model ZL	ZL806.230	ZL806.115	ZL806.024
设计工作电压(V/Hz)Designed operating voltage	230,50/60	115,50/60	24
空气流量, 自由吹风Airflow, free wind	1320m ³ /h	Applicable to 25489HBL2 配25489HBL2使用时	
过滤棉型号和尺寸Filter cotton types/dimensions	ZL806.000	280x280x10mm	
除尘率Dust removal rate	86%		
轴流风扇Axial fan	自启动屏蔽磁极电动机 Automatically started shaded pole motor	直流电机 DC motor	
设计电流(A)Electric current designed(A)	0.45/0.60	1.0/1.1	2.40
功率(W)POWER(W)	70		57.6
噪音水平dB(A)Noise leveldB(A)	68		
使用温度The use of temperature	-30°C—+70°C		
储存温度Storage temperature	-40°C—+80°C		
颜色Colour	RAL7035		
防护等级IP code	IP 44 while using standeard filter mat 用标准过滤垫为 IP44		
出口过滤器型号ZL Outlet filter Model ZL	806.200		
配套风扇Supporting fan	Applicable to 25489HBL2	适用于25489H BL2使用	

订购其他颜色时, 请洽询。如需特殊电压也可根据洽询提供, 本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.

● 风扇及过滤网组

ZL9807A



ZL9807A.200

风扇及过滤器
Fan and filter
ZL9807A

出口过滤器
Outlet filter
ZL9807A.200



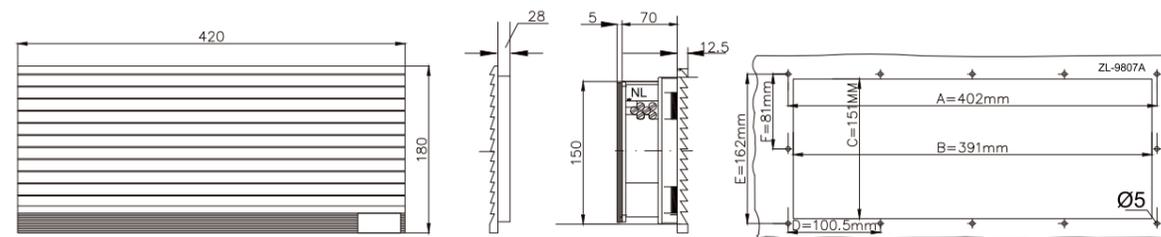
ZL9807A.230-A



ZL9807A.230-B

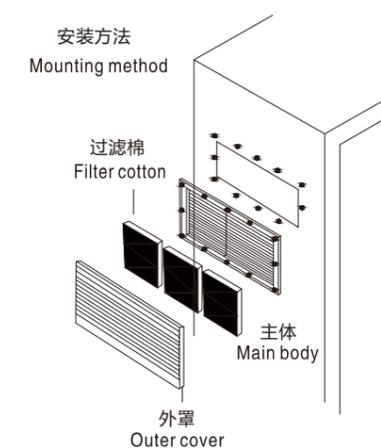
风扇及过滤器
Fan and filter
ZL9807A.230

安装剖面
Mounting profile
ZL9807



风机及过滤器型号ZL Fan and filter Model ZL	ZL9807A.230	ZL9807A.115	ZL9807.024
设计工作电压(V/Hz)Designed operating voltage	230,50/60	115,50/60	24
空气流量, 自由吹风Airflow, free wind	600m ³ /h	配17250HBL2, 12038HBL2使用时	
过滤棉型号和尺寸Filter cotton types/dimensions	ZL9807A.000	(147x128x10mm)X3	
除尘率Dust removal rate	86%		
轴流风扇Axial fan	自启动屏蔽磁极电动机 Automatically started shaded pole motor	直流电机 DC motor	
设计电流(A)Electric current designed(A)	0.25	0.5	0.5
功率(W)POWER(W)	35		12
噪音水平dB(A)Noise leveldB(A)	58		
使用温度The use of temperature	-30°C—+70°C		
储存温度Storage temperature	-40°C—+80°C		
颜色Colour	RAL7035		
防护等级IP code	IP 44 while using standeard filter mat 用标准过滤垫为 IP44		
出口过滤器型号ZL Outlet filter Model ZL	9807A.200		
配套风扇Supporting fan	适用于17250HBL2, 12038HBL2使用		

订购其他颜色时, 请洽询。如需特殊电压也可根据洽询提供, 本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.



● 风扇及过滤网组

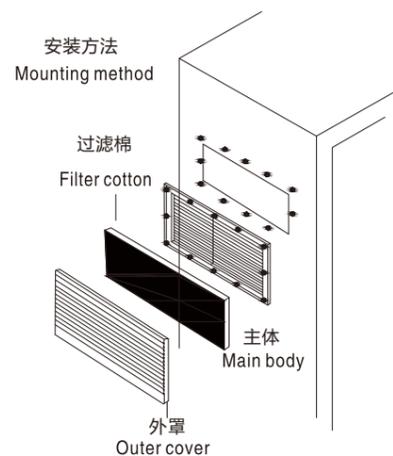
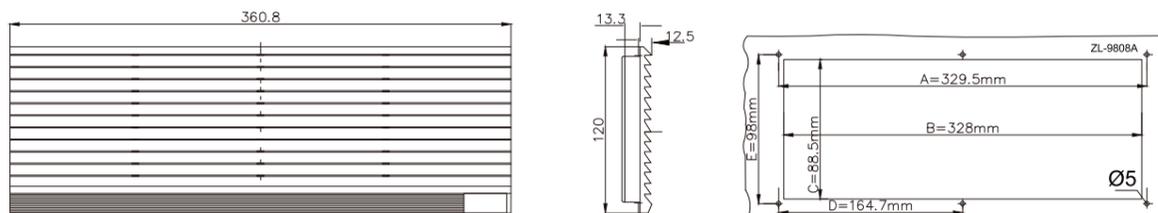
----- ZL9808A



风扇及过滤器
Fan and filter
ZL9808A

出口过滤器
Outlet filter
ZL9808A

安装剖面
Mounting profile
ZL9808A

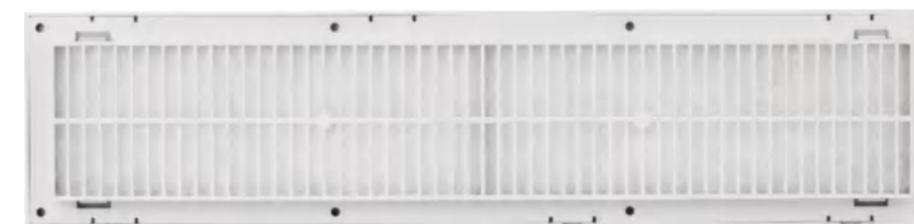


风机及过滤器型号ZL Fan and filter Model ZL	ZL9808A	ZL9808A	ZL9808A
设计工作电压(V/Hz)Designed operating voltage			
空气流量, 自由吹风Airflow, free wind		m ³ /h	
过滤棉型号和尺寸Filter cotton types/dimensions	ZL9808A	324x85x10mm	
除尘率Dust removal rate	86%		
轴流风扇Axial fan	自启动屏蔽磁极电动机 Automatically started shaded pole motor		直流电机 DC motor
设计电流(A)Electric current designed(A)			
功率(W)POWER(W)			
噪音水平dB(A)Noise levelB(A)			
使用温度The use of temperature	-40°C—+100°C		
储存温度Storage temperature	-45°C—+120°C		
颜色Colour	RAL7035		
防护等级IP code	IP 44 while using standeard filter mat 用标准过滤垫为 IP44		
出口过滤器型号ZL Outlet filter Model ZL	9808A.200		
配套风扇Supporting fan	Applicable to	适用于	使用

订购其他颜色时, 请洽询。如需特殊电压也可根据洽询提供, 本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.

● 风扇及过滤网组

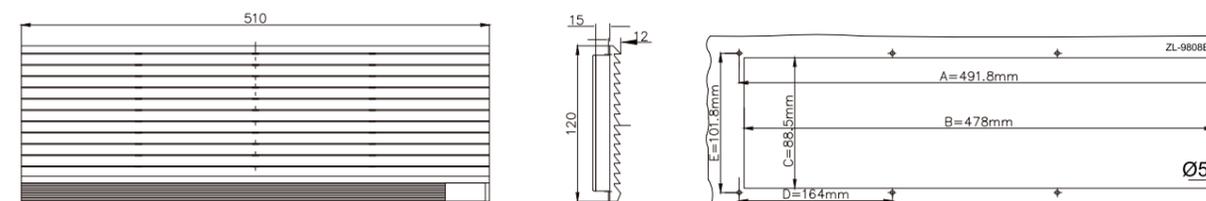
----- ZL9808B



风扇及过滤器
Fan and filter
ZL9808B

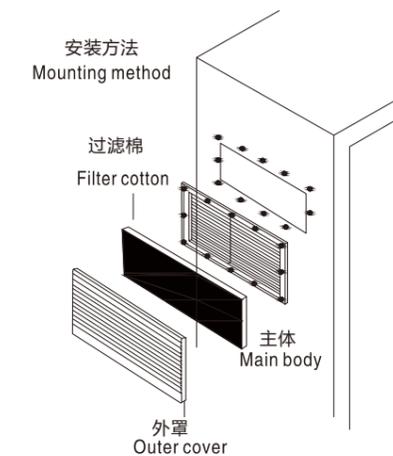
出口过滤器
Outlet filter
ZL9808B

安装剖面
Mounting profile
ZL9808B



风机及过滤器型号ZL Fan and filter Model ZL	ZL9808B	ZL9808B	ZL9808B
设计工作电压(V/Hz)Designed operating voltage			
空气流量, 自由吹风Airflow, free wind		m ³ /h	
过滤棉型号和尺寸Filter cotton types/dimensions	ZL9808B	(232x83x10mm)X2	
除尘率Dust removal rate	86%		
轴流风扇Axial fan	自启动屏蔽磁极电动机 Automatically started shaded pole motor		直流电机 DC motor
设计电流(A)Electric current designed(A)			
功率(W)POWER(W)			
噪音水平dB(A)Noise levelB(A)			
使用温度The use of temperature	-40°C—+100°C		
储存温度Storage temperature	-45°C—+120°C		
颜色Colour	RAL7035		
防护等级IP code	IP 44 while using standeard filter mat 用标准过滤垫为 IP44		
出口过滤器型号ZL Outlet filter Model ZL	9808B.200		
配套风扇Supporting fan	Applicable to	适用于	使用

订购其他颜色时, 请洽询。如需特殊电压也可根据洽询提供, 本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.



● 户外防水过滤网组

FY9801A/FY9801B
FY9801C/FY9801D

● 户外防水过滤网组

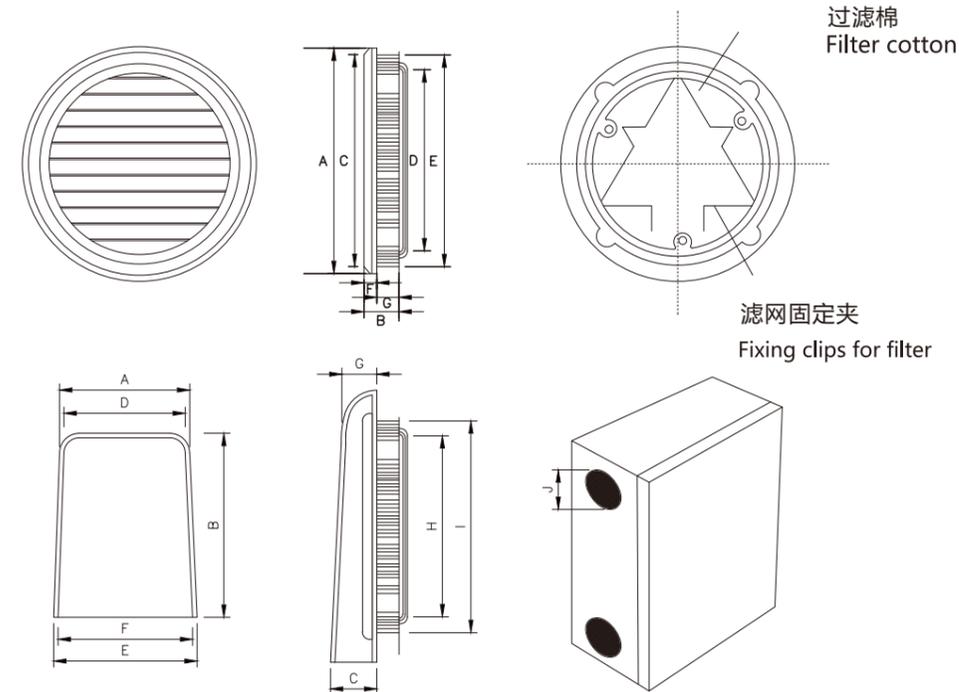
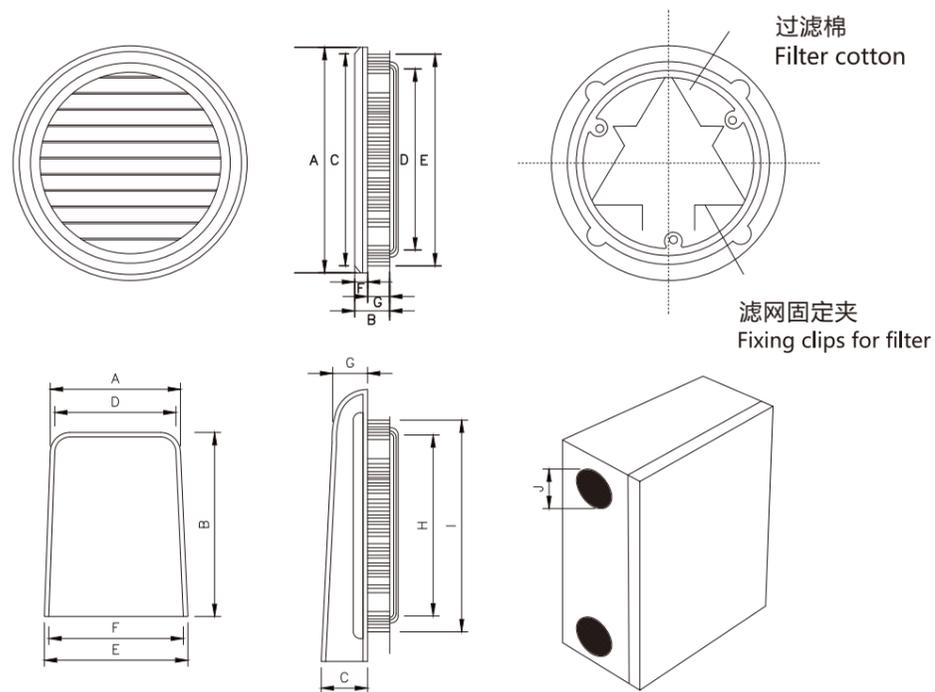
FY9802A/FY9802B
FY9802C/FY9802D



FY9801A FY9801B FY9801C FY9801D



FY9802A FY9802B FY9802C FY9802D



品名 Name	型号 Model	有效风量 Effective volume of wind	除尘率 Dust removal rate	工作环境温度 Operating ambient temperature	颜色 Colour	防护等级 IP code
过滤棉 Filtercotton	FY9801A	67.2m³/h	80%	-30°C—+70°C	RAL7035	IP44
带防雨罩 Conveyor cover	FY9801B			-30°C—+70°C	RAL7035	IP55
风扇及过滤器 Fan and filter	FY9801C	67.2m³/h	80%	-30°C—+70°C	RAL7035	IP44
风扇及过滤 Fan and filter	FY9801D	67.2m³/h	80%	-30°C—+70°C	RAL7035	IP55

尺寸说明表 List of Dimensions

型号Model	A	B	C	D	E	F	G	H	I	J
FY9801A	105	22.5	101	88.8	97	6	10			90
FY9801B	110	130	50	100	120	110	30	88.8	97	90

如需特殊电压也可根据洽询提供，本公司保留技术改的权利。 Necessary according tothe inquiry.

品名 Name	型号 Model	有效风量 Effective volume of wind	除尘率 Dust removal rate	工作环境温度 Operating ambient temperature	颜色 Colour	防护等级 IP code
过滤棉 Filtercotton	FY9802A	102m³/h	80%	-30°C—+70°C	RAL7035	IP44
带防雨罩 Conveyor cover	FY9802B			-30°C—+70°C	RAL7035	IP55
风扇及过滤器 Fan and filter	FY9802C	102m³/h	80%	-30°C—+70°C	RAL7035	IP44
风扇及过滤 Fan and filter	FY9802D	102m³/h	80%	-30°C—+70°C	RAL7035	IP55

尺寸说明表 List of Dimensions

型号Model	A	B	C	D	E	F	G	H	I	J
FY9802A	120	23	101	100	109	6	10			102
FY9802B	125	140	50	115	135	125	30	100.8	109	102

如需特殊电压也可根据洽询提供，本公司保留技术改的权利。 Necessary according tothe inquiry.

● 户外防水过滤网组

FY9803A/FY9803B
FY9804A/FY9804B



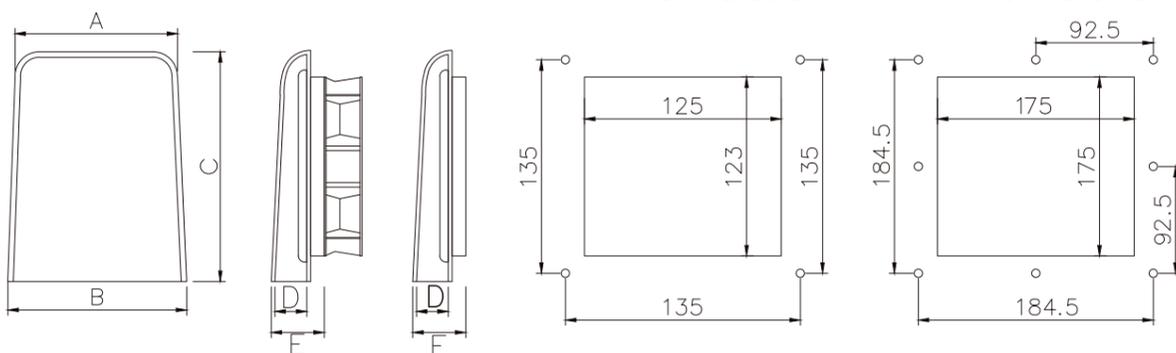
FY9803A/4A



FY9803B/4B

9803开孔尺寸/孔距

9804开孔尺寸/孔距



品名 Name	型号 Model	有效风量 Effective volume of wind	除尘率 Dust removal rate	工作环境温度 Operating ambient temperature	颜色 Colour	防护等级 IP code
Fan and filter	FY9803A	140/160m³/h	80%	-30°C—+70°C	RAL7035	IP55
Conveyor cover	FY9803B			-30°C—+70°C	RAL7035	IP55
Fan and filter	FY9804A	300/360m³/h	80%	-30°C—+70°C	RAL7035	IP55
Conveyor cover	FY9804B			-30°C—+70°C	RAL7035	IP55

尺寸说明表 List of Dimensions

Size(mm)

型号 Model	A	B	C	D	E
FY9803A	160	178	177	60	120
FY9803B	160	178	177	60	76
FY9804A	228	240	255	70	148
FY9804B	228	240	255	70	85

如需特殊电压也可根据洽询提供，本公司保留技术改的权利。
Necessary according to the inquiry.

● 漏斗型过滤网组

LD205



风扇及过滤器
Fan and filter
LD205

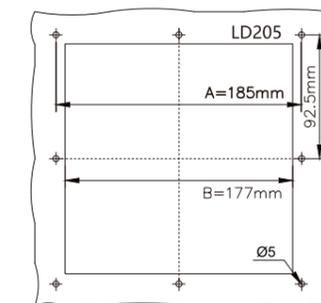
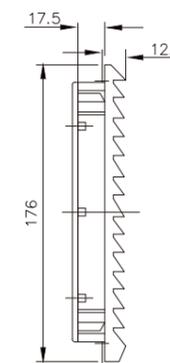
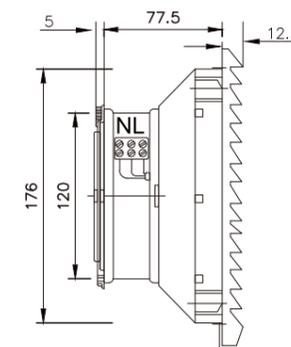
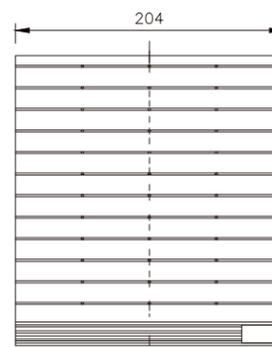


出口过滤器
Outlet filter
LD205.230



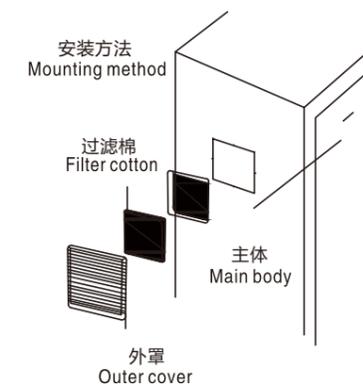
风扇及过滤器
Fan and filter
LD205.200

安装剖面
Mounting profile
LD205



风机及过滤器型号ZL Fan and filter Model ZL	LD205.230	LD205.115	LD205.024
设计工作电压(V/HZ) Designed operating voltage	230,50/60	115,50/60	24
空气流量, 自由吹风 Airflow, free wind	140m³/h Applicable to 12308HBL2 (配12308HBL2使用时)		
过滤棉型号和尺寸 Filter cotton types/dimensions	LD205	170x170x10mm	
除尘率 Dust removal rate	86%		
轴流风扇 Axial fan	自启动屏蔽磁极电动机 Automatically started shaded pole motor	直流电机 DC motor	
设计电流(A) Electric current designed(A)	0.14/0.13	0.28/0.26	0.22
功率(W) POWER(W)	21/25	5.3	
噪音水平 dB(A) Noise level dB(A)	47/49		
使用温度 The use of temperature	-30°C—+70°C		
储存温度 Storage temperature	-40°C—+80°C		
颜色 Colour	RAL7035		
防护等级 IP code	IP 44 while using standard filter mat 用标准过滤垫为 IP44		
出口过滤器型号 ZL Outlet filter Model ZL	LD205		
配套风扇 Supporting fan	适用于(Applicable to) 12308HBL2使用		

订购其他颜色时，请洽询。如需特殊电压也可根据洽询提供，本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.



漏斗型过滤网组

LD256

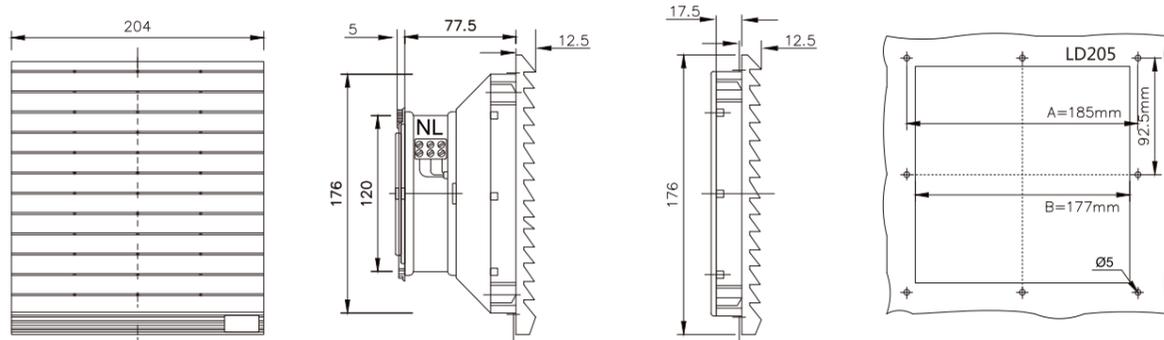


风扇及过滤器
Fan and filter
LD256

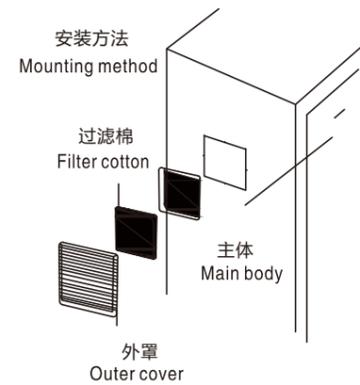
出口过滤器
Outlet filter
LD256.230

风扇及过滤器
Fan and filter
LD256.200

安装剖面
Mounting profile
LD256



风机及过滤器型号ZL Fan and filter Model ZL	LD256.230	LD256.115	LD256.024
设计工作电压(V/Hz) Designed operating voltage	230,50/60	115,50/60	24
空气流量, 自由吹风 Airflow, free wind	300m ³ /h	Applicable to 17250HBL2 (配17250HBL2使用时)	
过滤棉型号和尺寸 Filter cotton types/dimensions	LD256.000	220x220x10mm	
除尘率 Dust removal rate	86%		
轴流风扇 Axial fan	自动屏蔽磁极电动机 Automatically started shaded pole motor	直流电机 DC motor	
设计电流(A) Electric current designed(A)	0.25	0.5	0.5
功率(W) POWER(W)	38	12	
噪音水平 dB(A) Noise level dB(A)	55		
使用温度 The use of temperature	-30°C → +70°C		
储存温度 Storage temperature	-40°C → +80°C		
颜色 Colour	RAL7035		
防护等级 IP code	IP 44 while using standard filter mat 用标准过滤垫为 IP44		
出口过滤器型号 ZL Outlet filter Model ZL	CT256		
配套风扇 Supporting fan	Applicable to 17250HBL2 (配17250HBL2使用时)		



订购其他颜色时, 请洽询。如需特殊电压也可根据洽询提供, 本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.

漏斗型过滤网组

LD320

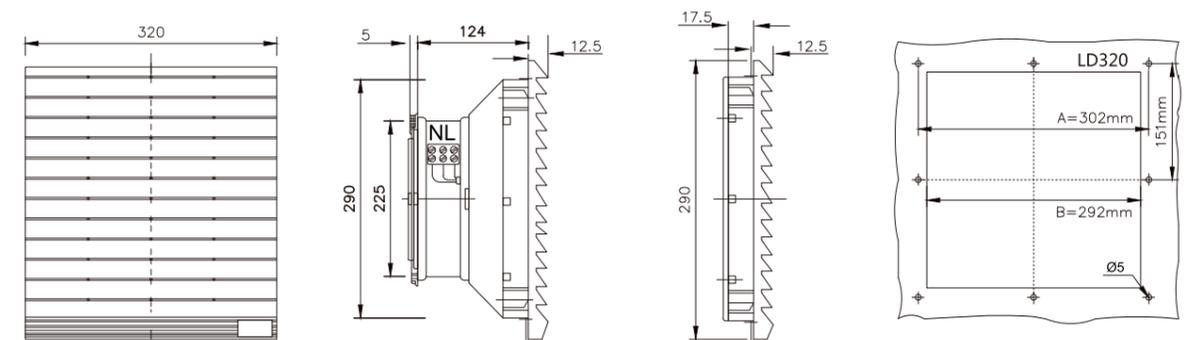


风扇及过滤器
Fan and filter
LD320

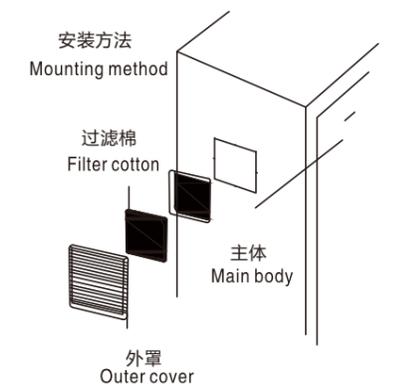
出口过滤器
Outlet filter
LD320.230

风扇及过滤器
Fan and filter
LD320.200

安装剖面
Mounting profile
LD320



风机及过滤器型号ZL Fan and filter Model ZL	LD320.230	LD320.115
设计工作电压(V/Hz) Designed operating voltage	230,50/60	115,50/60
空气流量, 自由吹风 Airflow, free wind	600m ³ /h	Applicable to 22580HBL2 (配22580HBL2使用时)
过滤棉型号和尺寸 Filter cotton types/dimensions	LD320.000	280x280x10mm
除尘率 Dust removal rate	86%	
轴流风扇 Axial fan	自动屏蔽磁极电动机 Automatically started shaded pole motor	直流电机 DC motor
设计电流(A) Electric current designed(A)	0.35	0.5
功率(W) POWER(W)	80	12
噪音水平 dB(A) Noise level dB(A)	65	
使用温度 The use of temperature	-30°C → +70°C	
储存温度 Storage temperature	-40°C → +80°C	
颜色 Colour	RAL7035	
防护等级 IP code	IP 44 while using standard filter mat 用标准过滤垫为 IP44	
出口过滤器型号 ZL Outlet filter Model ZL	LD320	
配套风扇 Supporting fan	Applicable to 22580HBL2 (配22580HBL2使用时)	



订购其他颜色时, 请洽询。如需特殊电压也可根据洽询提供, 本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.

漏斗型过滤网组

LD-320D



风扇及过滤器
Fan and filter
LD320D

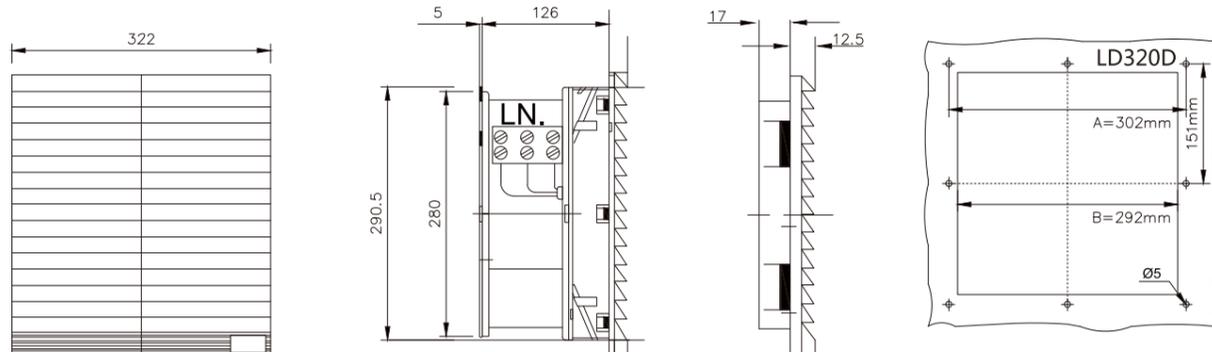


出口过滤器
Outlet filter
LD320D.230

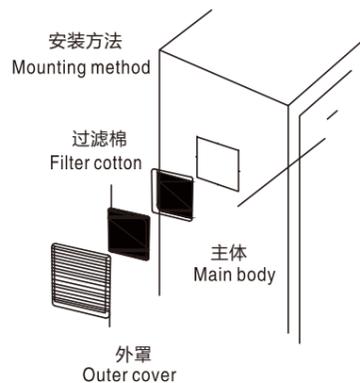


风扇及过滤器
Fan and filter
LD320D.200

安装剖面
Mounting profile
LD320D



风机及过滤器型号ZL Fan and filter Model ZL	LD320D.230	LD320D.115
设计工作电压(V/Hz) Designed operating voltage	230,50/60	115,50/60
空气流量, 自由吹风 Airflow, free wind	830m ³ /h Applicable to 28080HBL2 (配17250HBL2使用时)	
过滤棉型号和尺寸 Filter cotton types/dimensions	LD320D.000	280x280x10mm
除尘率 Dust removal rate	86%	
轴流风扇 Axial fan	自启动屏蔽磁极电动机 Automatically started shaded pole motor	直流电机 DC motor
设计电流(A) Electric current designed(A)	0.68	0.5
功率(W) POWER(W)	160	12
噪音水平dB(A) Noise level dB(A)	65	
使用温度 The use of temperature	-30°C—+70°C	
储存温度 Storage temperature	-40°C—+80°C	
颜色 Colour	RAL7035	
防护等级 IP code	IP 44 while using standeard filter mat 用标准过滤垫为 IP44	
出口过滤器型号 ZL Outlet filter Model ZL	LD320	
配套风扇 Supporting fan	Applicable to 28080HBL2 (配17250HBL2使用时)	



订购其他颜色时, 请洽询。如需特殊电压也可根据洽询提供, 本公司保留技术改动的权利。
Please consult with us when the colour ordered is RAL7032 or others. Special voltage may be provided if necessary according to the inquiry.

机柜内温度控制的计算

需要什么?

1. 机柜的外形尺寸(高度、宽度、深度)(单位: 米)
2. 根据计算公司确定机柜的情况(如单个机柜还是成排机柜), 机柜的表面积安培(单位: 平方米)。
3. 机柜的材料(金属或塑料), 根据表格查出传热系数k[瓦/平方米开尔文]
4. 希望的机柜温度Ti[摄氏度]和期望的环境温度的温差Tu [摄氏度](如昼夜, 冬夏, 气候带等等。T[K 表示开尔文])
5. 在运行期间所有安装元器件的杂散功率(自暖型)(如变压器、继电器和半导体)Pv [瓦]。

参数的计算和选择: 机柜表面积—传热系数—温差

参数的计算和选择: 机柜表面积—传热系数—温差

1. 按照外形尺寸计算机柜的表面积
2. 选择安装类型如下所示
 - 单个机柜, 可以自由地安装在所有表面上
 - 单个机柜, 安装在墙上
 - 第一个或最后一个机柜成排自由立式安装
 - 第一个或最后一个机柜成排安装在墙上
 - 中间的机柜成排自由立式安装
 - 中间的机柜成排安装在墙上
 - 中间的机柜成排安装在墙上, 带有外盖的顶

3. 机柜的材料及其传热系数k[瓦/平方米开尔文]

- 薄钢板, 涂漆的k~5.5 瓦/平方米 .开尔文
- 薄钢板, 不锈钢k~4.5 瓦/平方米 .开尔文
- 铝材k~12 瓦/平方米 .开尔文
- 铝材, 两层壁的 k~4.5 瓦/平方米K
- 多元酯k~3.5 瓦/平方米 .开尔文

4. 温差TK 表示开尔文]
T=Ti-Tu
即室外温度和室内温度的温差

要求的加热性能的计算公式(加热器)

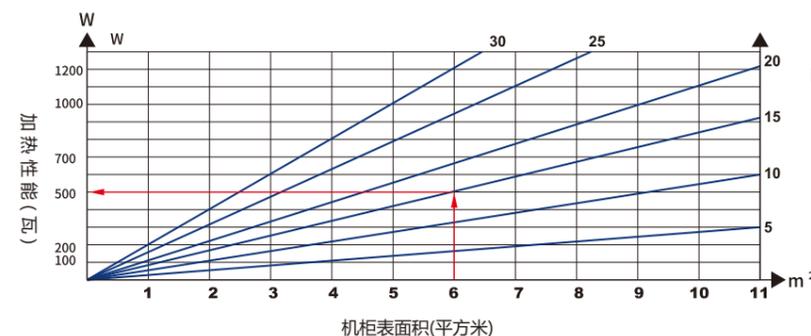
要求的加热性能PH[瓦]=机柜的表面积安培[平方米]x传热系数k [瓦/平方米.开尔文]x 温差T [开尔文]

例如: 瓦=5.712平方米x55瓦/平方米 .开尔文x15开尔文=471.24瓦

结果: 要求加热性能为500瓦的加热器, 如果机柜装在户外, 取两倍计算出的加热性能值!

或者根据图表选择变求的加热性能:

加热性能图



柜子表面积的计算公式安培[平方米]

(H 表示高度W 表示宽度D 表示深度

$$A=1.8 \times H(W+D)+1.4 \times W \times D$$

$$A=1.4 \times W \times (H+D)+1.8 \times D \times H$$

$$A=1.4 \times D \times (H+W)+1.8 \times W \times H$$

$$A=1.4 \times H \times (W+D)+1.4 \times W \times D$$

$$A=1.8 \times W \times H+1.4 \times W \times D+D \times H$$

$$A=1.4 \times W \times (H+D)+D \times H$$

$$A=1.4 \times W \times H+0.7 \times W \times D+D \times H$$

例如: 在所有表面上自由安装的机柜, 2000毫米高/800毫米宽/600毫米深。A=1.8x200x(0.8+0.6)+1.4x0.8x0.6=5.712 平方米

5. 如果是连续的杂散功率Pv[瓦](自暖型), 这必须要从计算的加热性能中扣除。

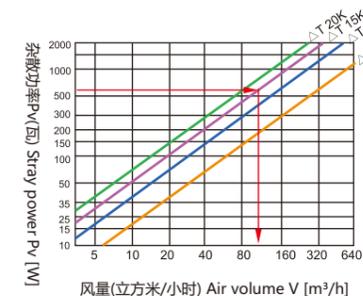
从图中选择要求的冷却性能

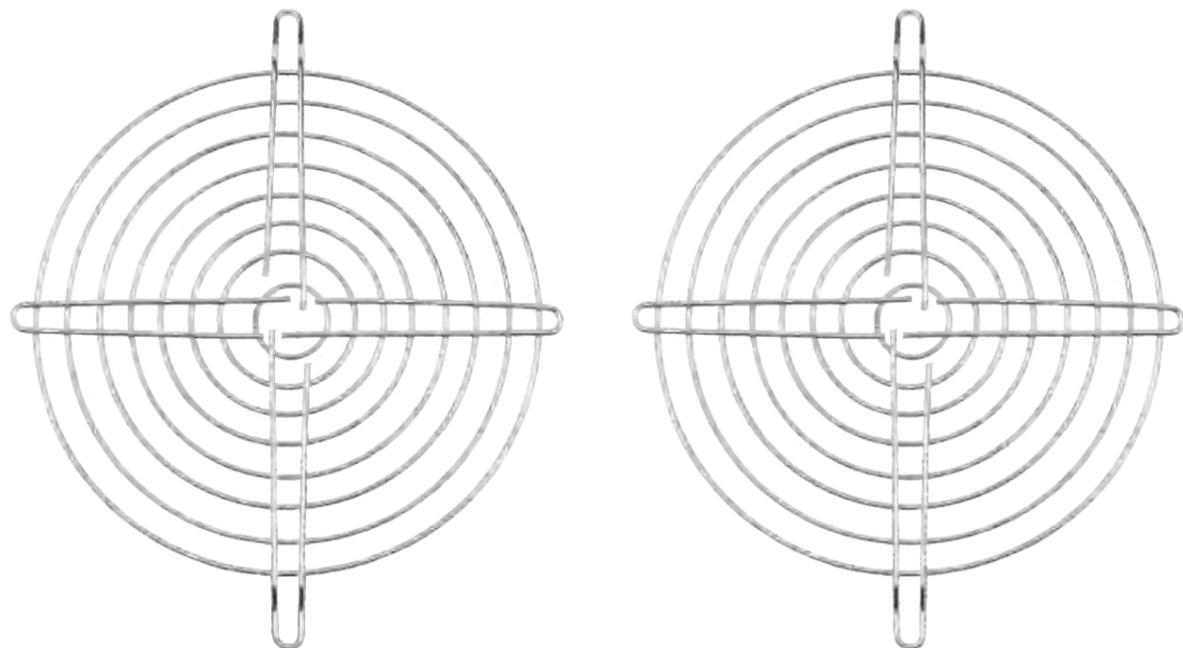
或者根据公式计算要求的冷却性能(过滤风扇):

$$\text{要求的风量} V[\text{立方米/小时}] = \frac{\text{安装的杂散功率} P_v[\text{瓦}]}{\text{温差} \Delta T[\text{开尔文}]} \times \text{空气常数} f [3.3 \text{ 立方米.开尔文/瓦.小时}]$$

$$\text{例如: } V = \frac{600 \text{ 瓦}}{15 \text{ 开尔文}} \times 3.3 \text{ 立方米.开尔文/瓦.小时} = 132 \text{ 立方米/小时}$$

- f(0-100)=3.1 立方米.开尔文/瓦.小时,
- f(100-250)=3.2 立方米.开尔文/瓦.小时,
- f(250-500)=3.3 立方米.开尔文/瓦.小时,
- f(500-750)=3.4 立方米.开尔文/瓦.小时,
- f(750-1000)=3.5 立方米.开尔文/瓦.小时





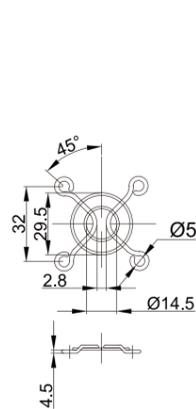
铁网

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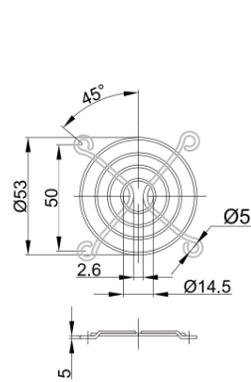
金属防护网罩

TGL

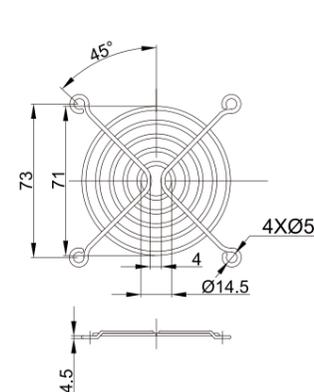
TGL40



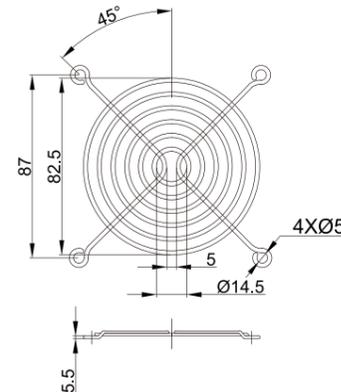
TGL60



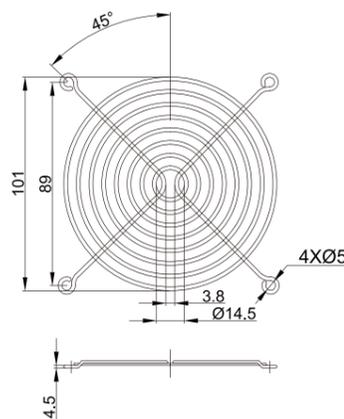
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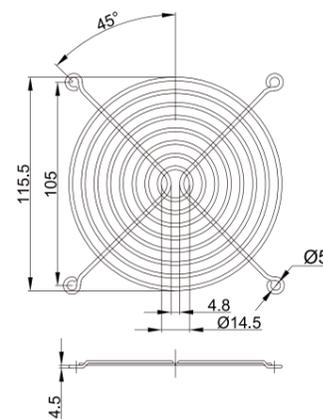
TGL90



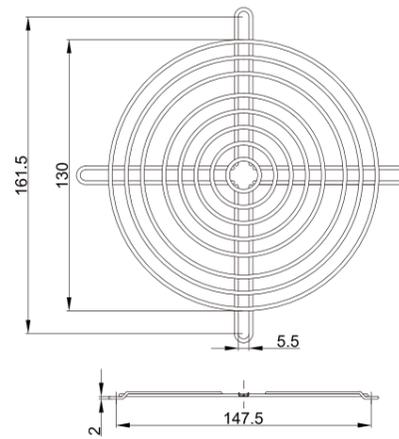
TGL110



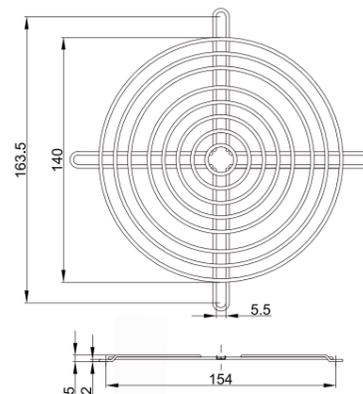
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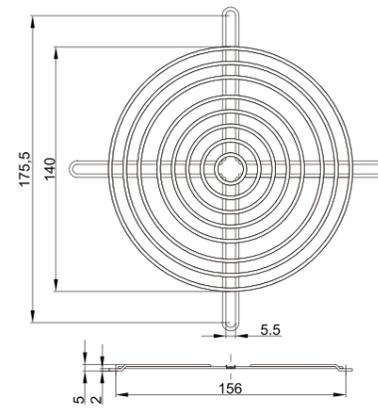
TGL135



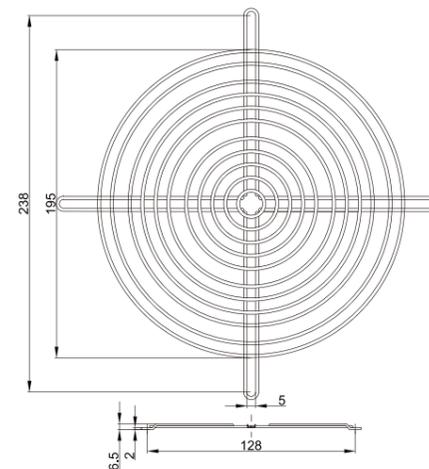
TGL145



TGL150



TGL200

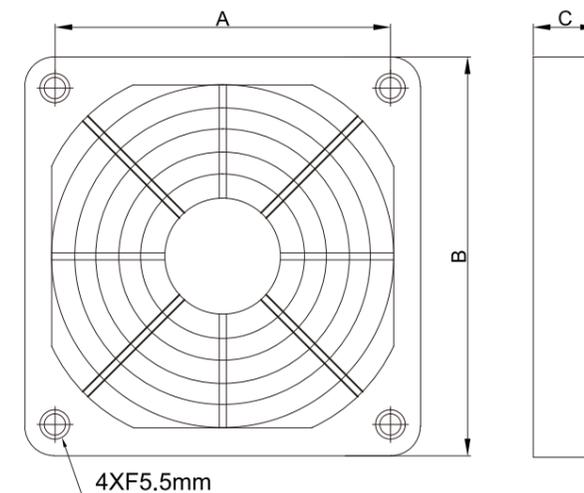


8



塑料网罩

DP



塑料网罩 Plastic Fan Guard

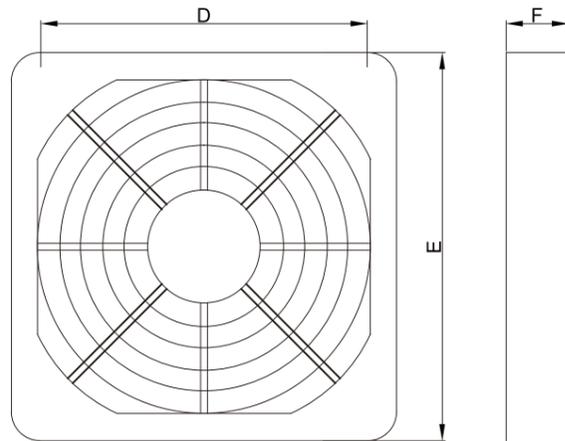
型号 Model	通风网材质 Body material	使用范围 Range of application	防护等级 IP Code	A	B	C	适用风扇尺寸 Applicable for fansc
DP-40	阻燃ABS树脂 Flame resistant ABS resin	室内 Interior -10~+55°C	IP 40	40mm	40mm	3mm	40*40mm
DP-50	阻燃ABS树脂 Flame resistant ABS resin	室内 Interior -10~+55°C	IP 40	50mm	50mm	3mm	50*50mm
DP-60	阻燃ABS树脂 Flame resistant ABS resin	室内 Interior -10~+55°C	IP 40	60mm	60mm	3mm	60*60mm
DP-70	阻燃ABS树脂 Flame resistant ABS resin	室内 Interior -10~+55°C	IP 40	70mm	70mm	3mm	70*70mm
DP 80	阻燃ABS树脂 Flame resistant ABS resin	室内 Interior -10~+55°C	IP 40	80mm	80mm	4.5mm	80*80mm
DP 92	阻燃ABS树脂 Flame resistant ABS resin	室内 Interior -10~+55°C	IP 40	92mm	92mm	4.5mm	92*92mm
DP-110	阻燃ABS树脂 Flame resistant ABS resin	室内 Interior -10~+55°C	IP 40	110mm	110mm	4.5mm	110*110mm
DP 120	阻燃ABS树脂 Flame resistant ABS resin	室内 Interior -10~+55°C	IP 40	120mm	120mm	4.5mm	120*120mm
DP 150	阻燃ABS树脂 Flame resistant ABS resin	室内 Interior -10~+55°C	IP 40	150mm	150mm	4.5mm	150*150mm
DP-172	阻燃ABS树脂 Flame resistant ABS resin	室内 Interior -10~+55°C	IP 40	172mm	172mm	4.5mm	172*172mm
DP-200	阻燃ABS树脂 Flame resistant ABS resin	室内 Interior -10~+55°C	IP 40	200mm	200mm	4.5mm	200*200mm

过滤防尘网罩/塑料网罩

江苏稳不落配线器材有限公司
Wenbuluo Electrical Co.,Ltd

DT

塑料网罩



Filter Finger Guard

型号 Model	通风网材质 Body material	滤网材料 Material of filter screen	使用范围 Range of application	除尘率 Removal	防护等级 IP Code	D	E	F	适用风扇尺寸 Applicable for fansc
DT-40	阻燃ABS树脂 Flame resistant ABS resin	尼龙纤维合成树脂 Resin mixed with nylon fiber	室内 Interior-10~+55°C	89%	IP 40	40mm	40mm	7mm	40*40mm
DT-50	阻燃ABS树脂 Flame resistant ABS resin	尼龙纤维合成树脂 Resin mixed with nylon fiber	室内 Interior-10~+55°C	89%	IP 40	92mm	92mm	7mm	50*50mm
DT-60	阻燃ABS树脂 Flame resistant ABS resin	尼龙纤维合成树脂 Resin mixed with nylon fiber	室内 Interior-10~+55°C	89%	IP 40	120mm	120mm	7mm	60*60mm
DT-70	阻燃ABS树脂 Flame resistant ABS resin	尼龙纤维合成树脂 Resin mixed with nylon fiber	室内 Interior-10~+55°C	89%	IP 40	92mm	92mm	7mm	70*70mm
DT-80	阻燃ABS树脂 Flame resistant ABS resin	尼龙纤维合成树脂 Resin mixed with nylon fiber	室内 Interior-10~+55°C	89%	IP 40	120mm	120mm	9mm	80*80mm
DT-92	阻燃ABS树脂 Flame resistant ABS resin	尼龙纤维合成树脂 Resin mixed with nylon fiber	室内 Interior-10~+55°C	89%	IP 40	92mm	92mm	9mm	92*92mm
DT-110	阻燃ABS树脂 Flame resistant ABS resin	尼龙纤维合成树脂 Resin mixed with nylon fiber	室内 Interior-10~+55°C	89%	IP 40	120mm	120mm	10mm	110*110mm
DT-120	阻燃ABS树脂 Flame resistant ABS resin	尼龙纤维合成树脂 Resin mixed with nylon fiber	室内 Interior-10~+55°C	89%	IP 40	92mm	92mm	10mm	120*120mm
DT-150	阻燃ABS树脂 Flame resistant ABS resin	尼龙纤维合成树脂 Resin mixed with nylon fiber	室内 Interior-10~+55°C	89%	IP 40	120mm	120mm	7mm	150*150mm
DT-172	阻燃ABS树脂 Flame resistant ABS resin	尼龙纤维合成树脂 Resin mixed with nylon fiber	室内 Interior-10~+55°C	89%	IP 40	92mm	92mm	10mm	172*172mm
DT-200	阻燃ABS树脂 Flame resistant ABS resin	尼龙纤维合成树脂 Resin mixed with nylon fiber	室内 Interior-10~+55°C	89%	IP 40	120mm	120mm	10mm	200*200mm

电气柜智能感应灯

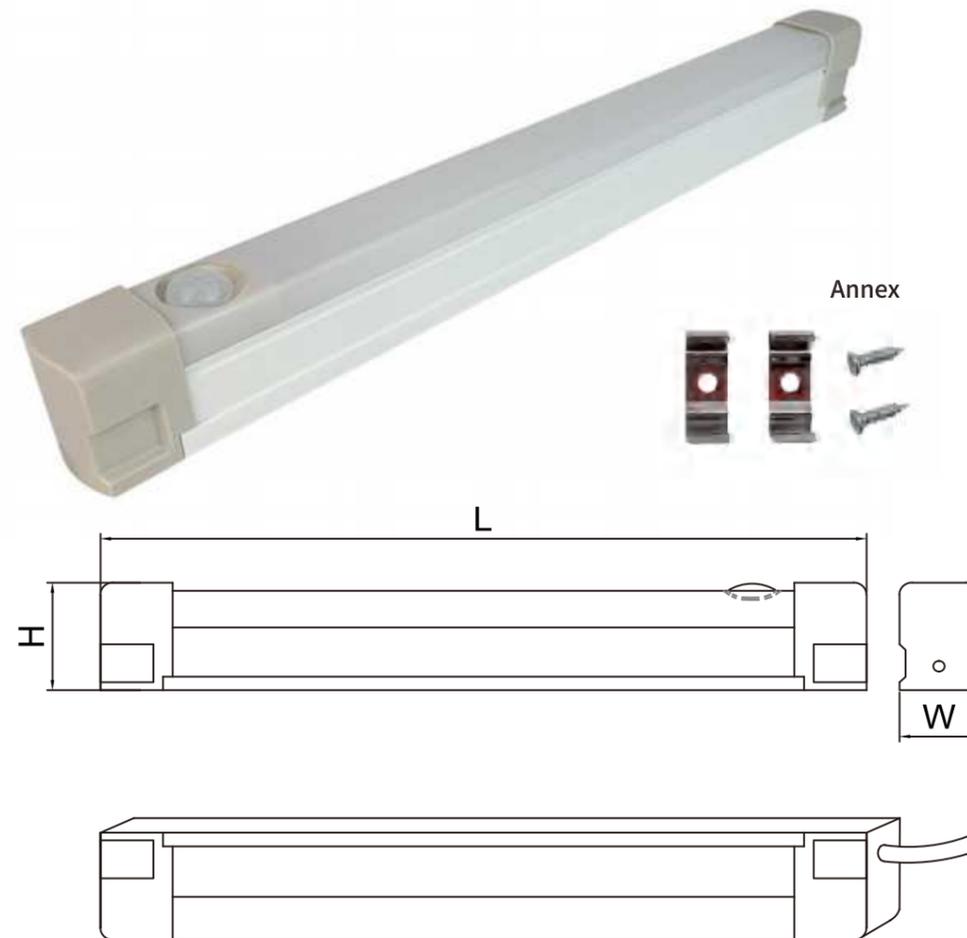
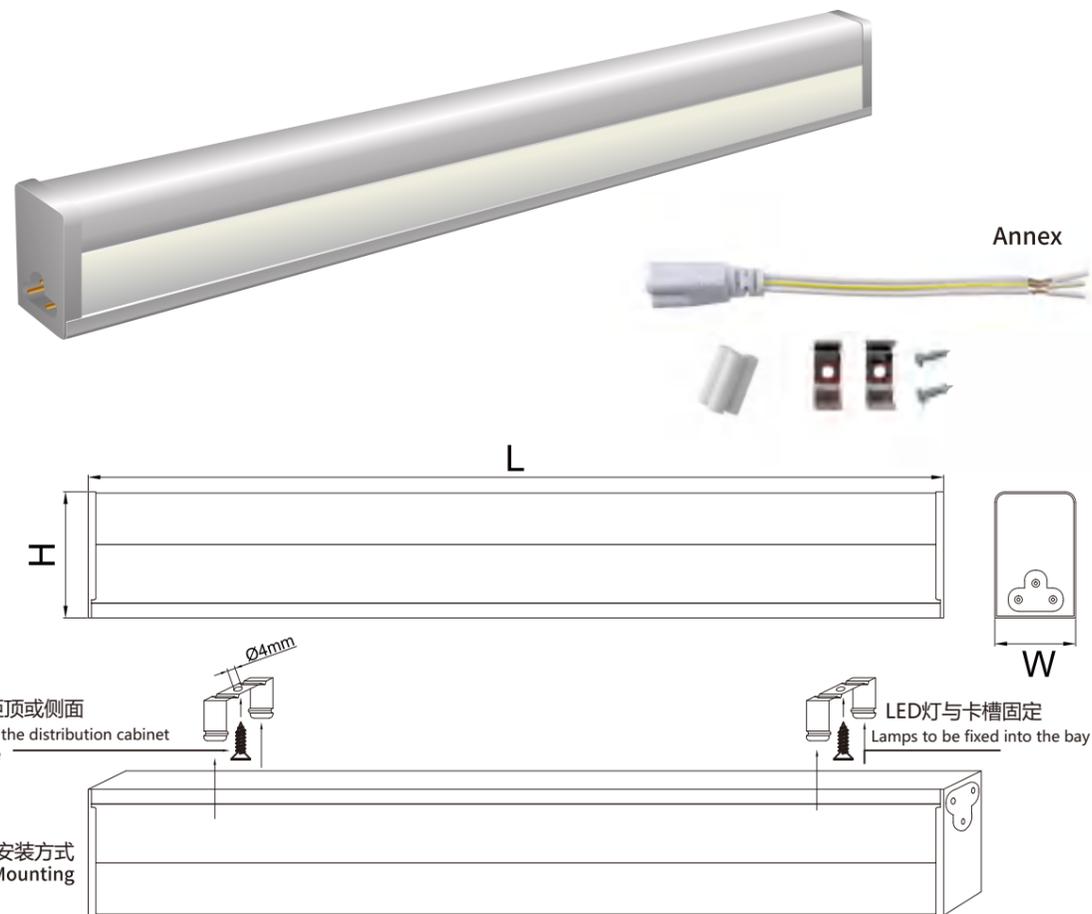
江苏稳不落配线器材有限公司
Wenbuluo Electrical Co.,Ltd

LED机柜感应灯

PLT5

LED机柜感应灯

PLT8



技术参数 TECHNICAL DATA

型号 Motel	PLT5-3005	PLT5-6010
长度Lenght	300	600
宽度Width	23	23
高度Height	35	35
功率(W)Power	5	10
包装量(pcs)Packing	50	50

单位:mm

额定电压Rated voltage	AC 220V
光源(LED)Light source(LED)	5W/10W
光源打开方式Light source startup type	人体感应式Human body induction
光通量Luminous flux	>850LM
色温Color temperature	6000-6500K
使用寿命Service life	50000h
工作温度Operating temperature	-10°C~+65°C
防护等级IP Code	Ip20
感应距离Body induction distance	4~5m
安装方式Mounting	顶装/侧装Top/side mounting

技术参数 TECHNICAL DATA

型号 Motel	PLT8-3008	PLT8-3015
长度Lenght	300	600
宽度Width	31	31
高度Height	42	42
功率(W)Power	8	15
包装量(pcs)Packing	50	50

单位:mm

额定电压Rated voltage	AC 220V
光源(LED)Light source(LED)	8W/15W
光源打开方式Light source startup type	人体感应式Human body induction
光通量Luminous flux	>800LM
色温Color temperature	5000-6500K
使用寿命Service life	50000h
工作温度Operating temperature	-25°C~+80°C
防护等级IP Code	Ip20
感应距离Body induction distance	2~5m
安装方式Mounting	顶装/侧装Top/side mounting

10



通气减压阀

江苏稳不落配线器材有限公司
Wenbuluo Electrical Co.,Ltd

通气减压阀

DA084 IP55



保护等级较高 High degree of protection

安装方便 Easy to install

通气减压阀对精密的关键的电气和电子元件, 提供防护环境越来越重要。在密封严实的机柜内, 在温差变化较大的时候(比如昼夜作业), 会发生压差。在这种情况下发生的时候 大大增加了控制箱内吸入灰尘和湿度的风险。特别设计的通气减压阀DA084控制压力的变化, 可以方便安装在任何机柜内。通气减压阀适用于符合DINEN-62208标准的机柜和开关柜。

It has become more and more important to provide a protected enclosure environment for valuable and crucial electrical and electronic components.

In a tightly closed enclosure, pressure differentials can occur during extreme temperature variations.

技术参数 TECHNICAL DATA

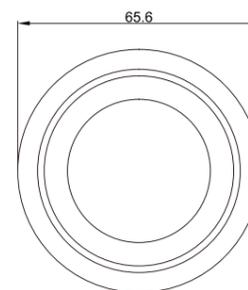
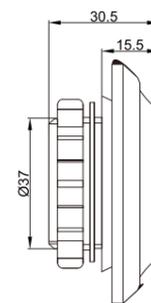
安装 Mounting	P克 29螺纹, 带螺帽 PG29 thread with union nut
材料 Material	塑料, 满足保险商实验室标准 UL94V-0, Plastic according to UL94V-0
密封 Sealing	密封垫圈, 丁腈橡胶 (NBR) Sealing gasket (NBR) Pebble gray
空气界面 Air interface	大约 7 平方厘米 approx 7 cm ² sealing gasket NBR
外形尺寸 Dimensions	65.5 × 30.5 mm
装配位置 Fitting Position	在最垂直方向 Vertical
运行和储藏温度 operating/storage temperature	-45 至 +70摄氏度 (-49 至 +158摄氏度) -45 to +70 (-49 °C to +158 °F)

安装在机柜壁上开一个直径为37+1毫米的孔, 并安装通气减压阀和螺帽。一定要保证密封垫圈安装在机柜的外侧板上。为了最优化的压力补偿, 我们建议在两个相反的面朝着机柜的顶部使用两套装。

Installation

Make cut-out d 37+1 mm in enclosure wall and mount pressure compensation device with nut please make sure that the sealing gasket is put in place on the outer side panel of the enclosure. For optimal pressure compensation we recommend to use two devices on opposite sides towards the top of the enclosure.

侧视图
Photo: Inside view



编号 Model	防护种类 Protection type	一个包装单位 1 packing unit	大约重量 Weight (approx.)
08400.0-04	IP55级	1件 1 piece	62克 (31克/件) 62g (31g/piece)

通气减压阀

DA284 IP66

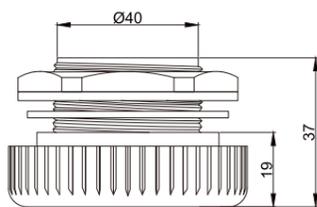
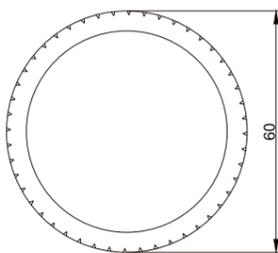


保护等级较高	High degree of protection
半渗透性膜	Semi-permeable membrane
安装方便	Easy to install

保护等级较高的机柜内与湿度和灰尘有关的压差是由内外温度的变化引起的。如果是负压或真空，灰尘和湿度可以通过门的密封条吸收，并且能够进入机柜。因为湿度不能从机柜内逸出，所有可能形成冷凝。在保护等级达到IP66级的时候，通气减压阀DA284可以提供压力补偿，安装方便。插头内的半渗透性膜允许空气和湿度离开机柜。在相反的方向，只运行干燥的空气进入机柜内，而湿度和灰尘从外面被隔膜阻拦。

Pressure differentials in enclosures with a high degree of protection with respect to humidity and dust are a result of inside and outside temperature fluctuations. In case of negative pressure or vacuum, dust and humidity can be absorbed through the door seal and can enter the enclosure. As the humidity can not exit the enclosure condensation may occur. The easy to install pressure compensation device DA 284 provides the compensation of pressure at protection degree of. A semipermeable membrane inside the plug allow air and humidity to leave the enclosure. In the opposite direction, it only allows dry air into the enclosure while humidity and dust from the outside are blocked by the membrane.

Photo: Inside view



安装 Mounting	螺纹 M40X1.5, 带螺帽 thread M40X 1.5 with nut
机柜的深度 Depth enclosure	大约 16毫米 approx.16mm
材料 Material	塑料, 浅灰色 plastic, light grey
密封 Sealing	密封垫圈丁腈橡胶 (NBR) sealing gasket NBR
过滤器 Filter	半渗透性膜 semipermeable membrane
空气渗透能力 Air permeability	在最低压差为 70 兆巴的条件下, 12000升/小时 1200l/h at a pressure difference of min.70mbar
外形尺寸 Dimensions	直径为 60X37毫米 φ 60X37mm
装配位置 Fitting position	根据情况而定 variable
运行和储藏温度 operating/storage temperature	-45 至 +70 摄氏度 (49 至 +158华氏度) -45 to +70°C (-49 to +158°F)

安装
在机柜壁上开一个直径为40.5±0.5毫米的孔，并安装通气减压阀和螺帽。一定要保证密封垫圈安装在机柜的外侧板上。为了最优化的压力补偿，我们建议在两个相反的面上朝着机柜的顶部使用两套装置。

Installation
Make cut-out φ40.5±0.5mm in enclosure wall and mount pressure compensation device with nut. Please make sure that the sealing gasket is put in place on the outer side panel of the enclosure. For optimal pressure compensation we recommend to use two devices on opposite sides towards the top of the enclosure.

编号 Art. No.	防护种类 Protection type	一个包装单位 1 packing unit	大约重量 Weight(approx.)
28400.0-01	P66级 (符合欧盟标准 EN60529)/ PX9K级 (符合欧盟标准 EN 40050-9) P66(EN 60529)/P × 9K(EN40050-9)	1件 1piece	45克 45g