SPECIFICATION

MODEL
K-EC340-D230-18

一、Status and conditions in standard use

Rating time	S1
Operating temperature	-20℃～+60℃
Storage temperature	-40℃～+80℃
Relative humidity	RH95% max. No Condensation
Mounting position	Shaft horizontal

二、Technical Norms

Character	Item	Specification	Remark
Electrical Characteristics	Rated Voltage	AC230 V	
	Frequency	50/60 Hz	
	Rated Speed	1800±50 r/min	
	Input Power	440±10% W	Output Power 375W
	Current Draw	2.9±10% A	
	Max Air Flow	3150 m^3/h	70 Pa static pressure
	Noise	≤82 dB(A)	45° direction at 1m from the fan inlet
	Electric strength	≤10 mA	1800VAC 50Hz 1min
	Insulation resistance	≥100 MΩ	500VDC
	Insulation Class	F	
	IP Class	IP20	

Motor protection	Soft starting protection		
	Under/over voltage protection		
	Current limit protection		
	Blocking protection		
	Over temperature protection		
EMC	EN 61000-6-2 Immunity standard for industrial environments EN 61000-6-4 Emission standard for industrial environments EN 61000-3-2 Harmonic current standard EN 61000-3-3 Voltage fluctuations and flicker stander		
Mechanical Specifiation	Product drawing	See the attached figure	
	Material of Imperller	Aluminium Alloy	
	Material of Inlet rings	Galvanized sheet	
	Mass	Approx 10 kg	
	Life	50000 Hours	Rated Condition Continuous Running

三、 Note in use

1. Please connect and disconnect connector when power supply is zero volt and motor stops.

2. Please do not disassemble the fan, the safety and performance cannot be guaranteed when motor is disassembled.

3. As the cutting surface of the stamping parts is easy to cause cuts, operators should wear gloves and other protective tools.

4. Never directly lift the wires during operation.

5. Do not disassemble, repair or modify the fan, otherwise the motor may run abnormally and fail to meet the performance requirements specified in the specification.

6. During the installation and wiring of the fan, be careful not to touch the lead of the fan. Otherwise, it may cause electric shock, burning, and fire.

7. During the energizing process, do not touch the rotating part of the fan, otherwise injury may occur. Please strictly enforce it!

8. Please do not use this product in a state other than that described in this specification, otherwise, it may cause damage or failure.

四、Request to customer

(1) Please confirm the conformity of final products to regulations, laws, etc. by your side.

(2) Please confirm the final products about Structure, Dimensions, Life, Sound, Performance, etc. by your side.

(3) It is not guaranteed, if fans are used beyond the range and scope specified in this specification.

(4) When the specification of customer final product is changed or when the destination country of the product is changed, or when this fan will be used in other product, the reconfirmation is necessary. Please inform to us beforehand too.

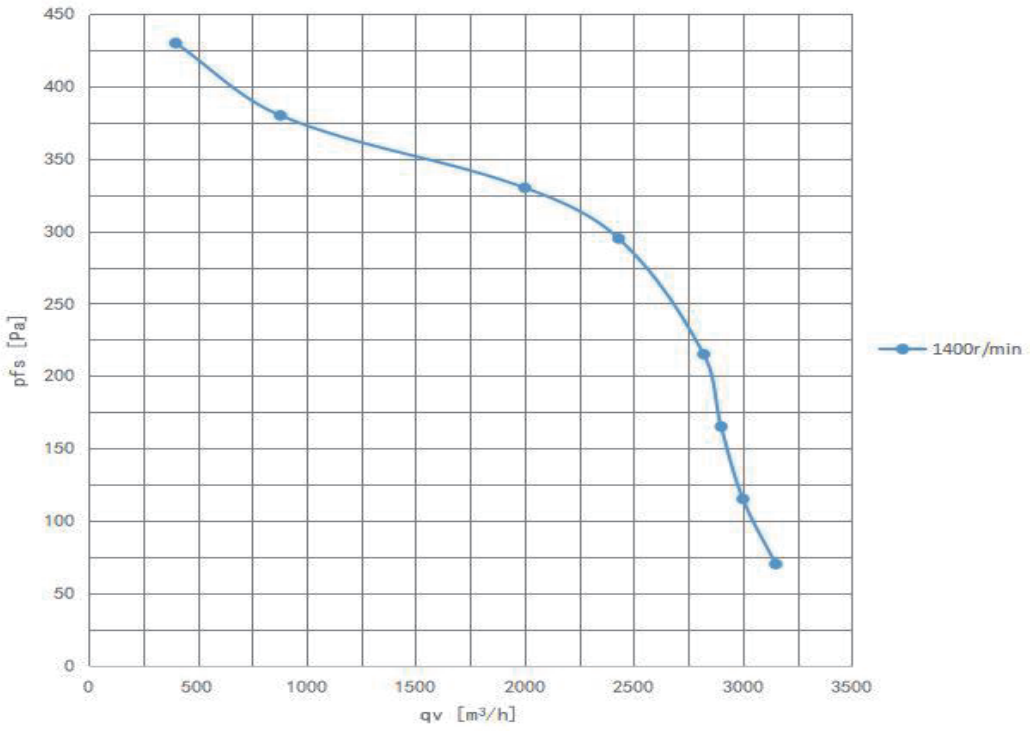
(5) When the specification detail of this product is changed, the details will be revised in our specification or the documents send to your side. In the case that the change affects to fan function or characteristic, the fan samples will be prepared and the specification detail can be changed after the confirmation is finished.

(6) For the topic that is not specified in this specification, and it is the topic that necessary to be fixed, please inform us beforehand. In the case that there is no such information from your side, it is assumed that there is no problem occurs when the fan is setting with your products.

(7) In case of occurrence of any failure, it will be solved through mutual consultation based on the description of this specification.

(8) Please do not disclose this specification to any third party.

五、P-Q Curves



六、Nameplate and wiring diagram

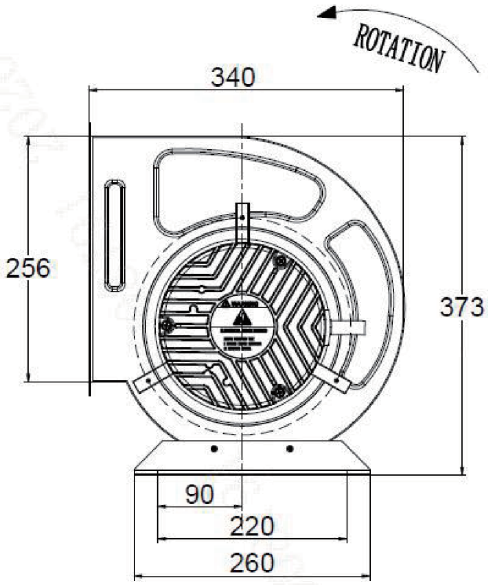
0-10V speed regulation wiring diagram			
Lead Color	RED	--	BLACK
Function Assignment	v+(10v)	--	GND

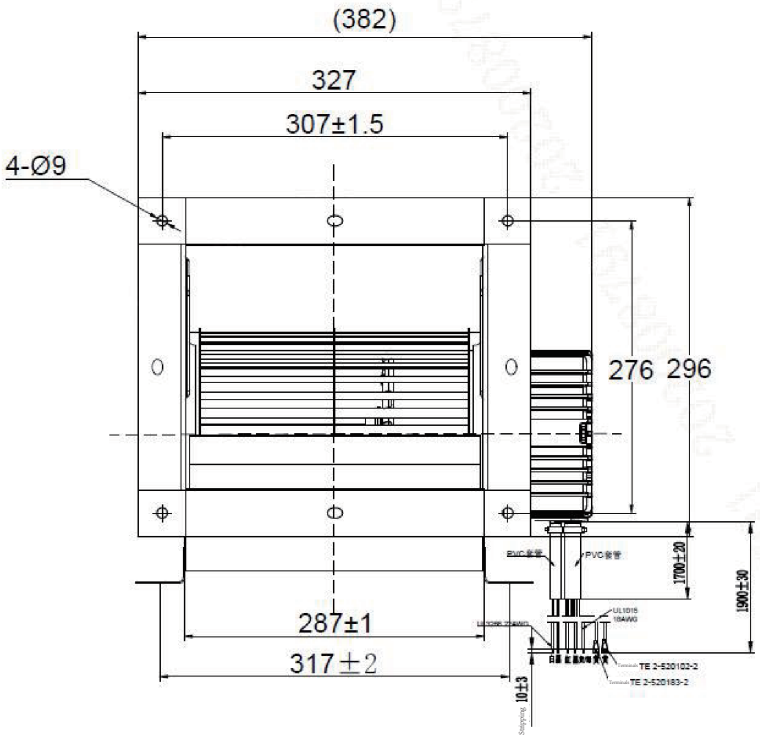
Power wiring diagram					
Lead Color	RED	BLACK	YELLOW/ GREEN	YELLOW	GREEN
Function Assignment	L	N	GND	115V/230V conversion	
When the 115V power supply is used, the YELLOW and GREEN wires are connected When the 230V power supply is used, the YELLOW and GREEN wires are disconnected					

The motor can be powered by 115VAC and 230VAC, and the specific wiring methods are as follows:

1. When the power supply is 230VAC, the power line uses RED (L), BLACK (N) to connect to 230V AC, and YELLOW/GREEN (GND) is connected to the PE terminal to complete the power supply.

2. When supplying power with 115VAC, you need to short-circuit YELLOW(J1) and GREEN(J2) first, and then connect the power cord to 115V AC power using RED(L) and BLACK(N), YELLOW/GREEN (GND) and PE to complete the power supply.


ROTATION
340
256
373
90
220
260


(382)
327
307±1.5
4-Ø9
276
296
287±1
317±2