

The logo for Krube, featuring the word "krube" in a bold, lowercase, sans-serif font. The letter "k" is black with a small orange dot above it. The letter "e" is black with a small orange dot above it. The logo is enclosed in a white circle with a blue border.

krube

SPECIFICATION

MODEL
K-EC910-W380-10

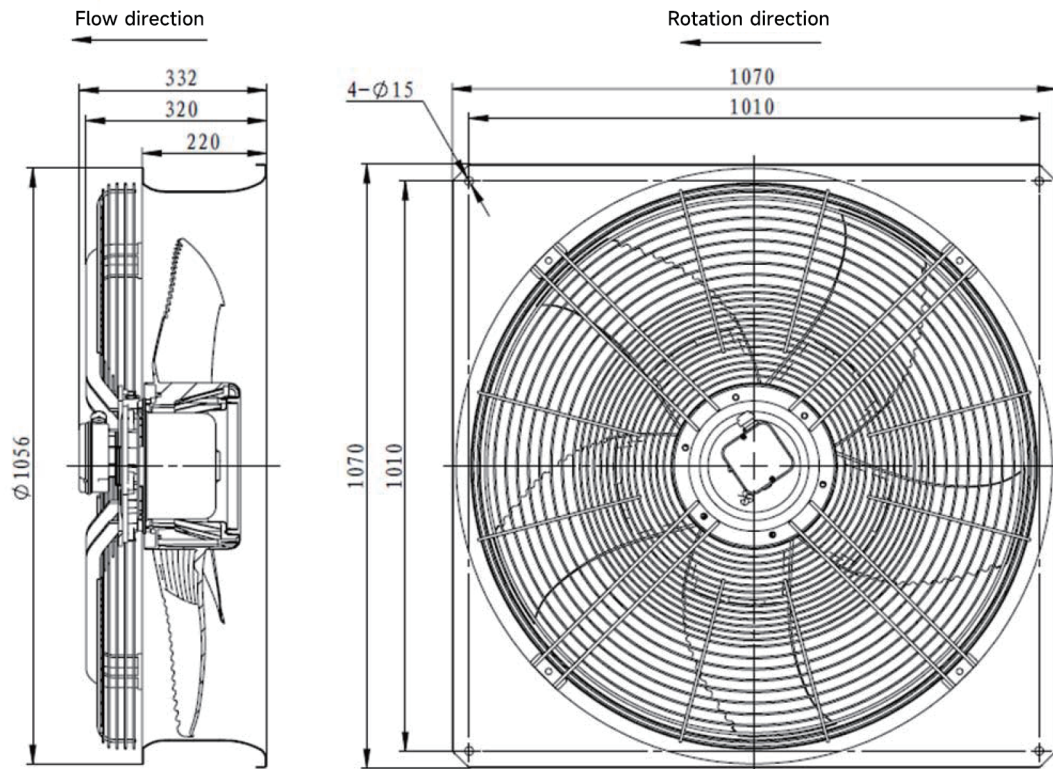
Engineering standard and safety regulations

- ◆ All materials accord with RoHS or REACH.

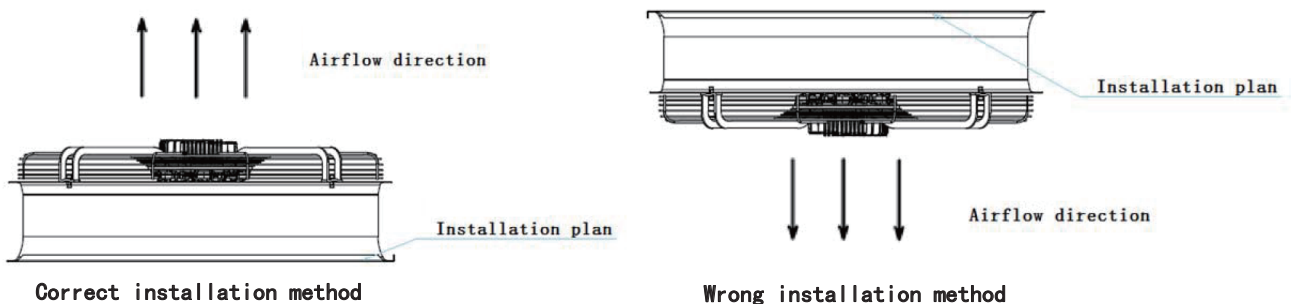
Operating environment requirements

- ◆ Operating temperature : $-40^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- ◆ Operating humidity : 5%~95% RH
- ◆ Storing temperature : $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- ◆ Storing humidity : 5%~95% RH Derating use
- ◆ Altitude : $\leq 1000\text{m}$, 1000m-4000m

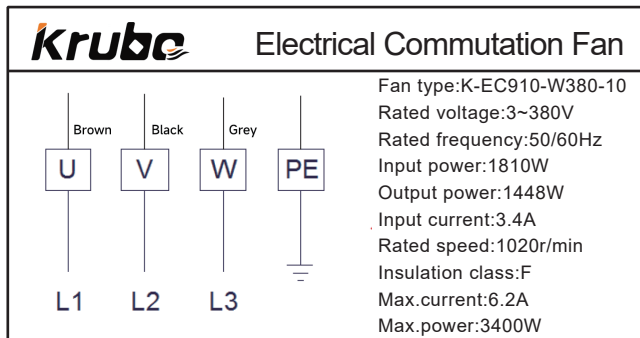
Dimension drawing



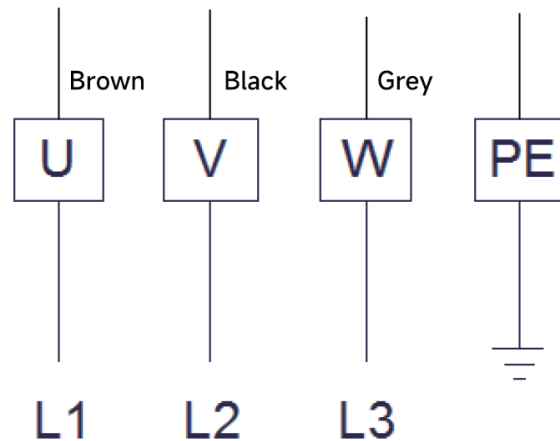
Installation direction description:



Nameplate drawing



View lead connection



Nominal data

Nominal voltage	3~380VAC
Frequency	50/60Hz
Salt spray	≥240h
Current draw(±10%)	3.5A
Power input(±7%)	1790W
Speed(±15%)	1020 r/min
Air flow(±7%)	34000m ³ /h
Noise(-7/+3)	LpA:84dB(A)

Method of obtaining data

/The rated current and rated power are the parameters of the fan with the guiding ring running at 0Pa. The airflow is measured in the wind tunnel, noise is in the noise room, where the fan is placed horizontally, 1 meter away from the inlet of the fan, and the fan runs at full speed for testing. The above performance parameters are obtained by the controller provided by the customer.

Mechanical data

Motor	
Blade	Plastics ,True colour.
Inlet ring	cold rolled plate , black.
Weight	54kg
motor degree of protection	IP55
PCB degree of protection	/
Bearing	Ball Bearing
Vibration	≤4.6mm/s

Balancing

When the fan is running at 600±10%/min, the dynamic balance accuracy of each end side is not lower than the balance quality grade G6.3.

Motor parameters(For reference)

Line resistance ($\pm 10\%$)	2.0 Ω	Line inductor ($\pm 8\text{mH}$)	49.5mH
Method of obtaining data	When under 1000m elevation , temperature 25 $^{\circ}\text{C}$, Measure the linear resistance and inductor		

Parameters at maximum efficiency point

Pst	180Pa
Power input	2665W
Air flow	25290m ³ /h
Speed	1021r/min
ErP Directive	Erp2020
Efficiency grade N	53.9

Electrical description

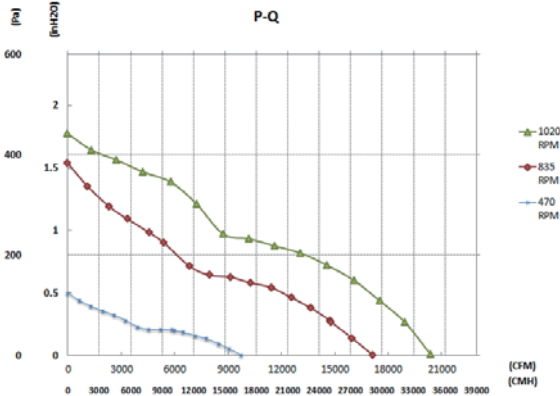
Insulation class	F
Protection class	class I appliance
Protection	/

Parameters at maximum current point (For reference)

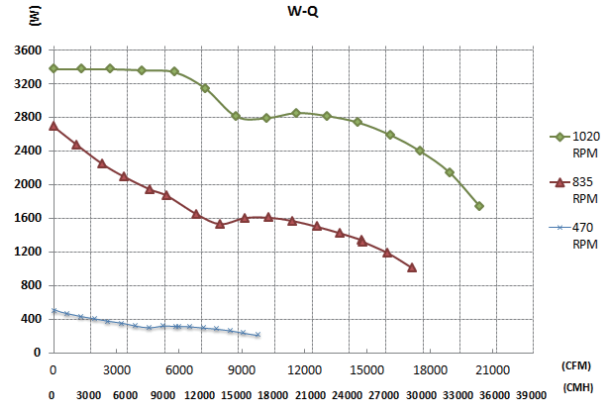
Rated voltage	3~380VAC	Current draw	6.2A
Frequency	50Hz	Power input	3399W
Capacitor	/	Speed	1021 r/min
Pst	441Pa	Air flow	0m ³ /h

Performance curve

P-Q



Q-W



U VAC	f Hz	I A	P W	n r/min	Pts Pa	QV CMH	QV CFM	dB(A)
380	50	1.05	504	470	124	0	0	/
380	50	0.82	383	470	80	4400	2591	/
380	50	0.71	323	470	50	10180	5995	/
380	50	0.52	219	470	0	16570	9758	66
380	50	4.89	2692	835	387	0	0	/
380	50	3.34	1803	835	203	10360	6101	/
380	50	2.54	1340	835	71	25080	14770	/
380	50	1.98	1022	835	0	29173	17181	80
380	50	6.2	3399	1020	441	0	0	/
380	50	4.74	2665	1020	180	25297	14898	/
380	50	3.91	2165	1020	70	31624	18624	/
380	50	3.45	1790	1020	0	34274	20185	84

Other requirements on accessory

Inlet cones	Yes
Fan guard	Yes

Life expectancy

The life expectancy is 60000 hours at rated voltage, ambient temperature of 40°C, and continuous operation of the fan at full speed. (According to the actual working conditions of the product, the life expectancy will be different). The warranty period is subject to the agreement agreed by both parties.

Note

Tested at room temperature of 25 °C and relative temperature of 85% RH.

Air volume is tested according to ISO 5801 installation category A standard.

/Noise is tested for sound pressure level, according to GB/T 2888 Fan and Roots Blower Noise Measurement Method, the axis is placed horizontally and the fan is tested 1 meter away from the air inlet of the fan. The given value is valid under the above conditions and may vary according to the actual installation situation.

Measurement method, the axis is placed horizontally and the fan is tested 1 meter away from the air inlet of the fan. The given value is valid under the above conditions and may vary according to the actual installation situation.