SPECIFICATION

MODEL
K-AC900-W380-09S

Model:K-AC900-W380-09S

1.Technical requirements

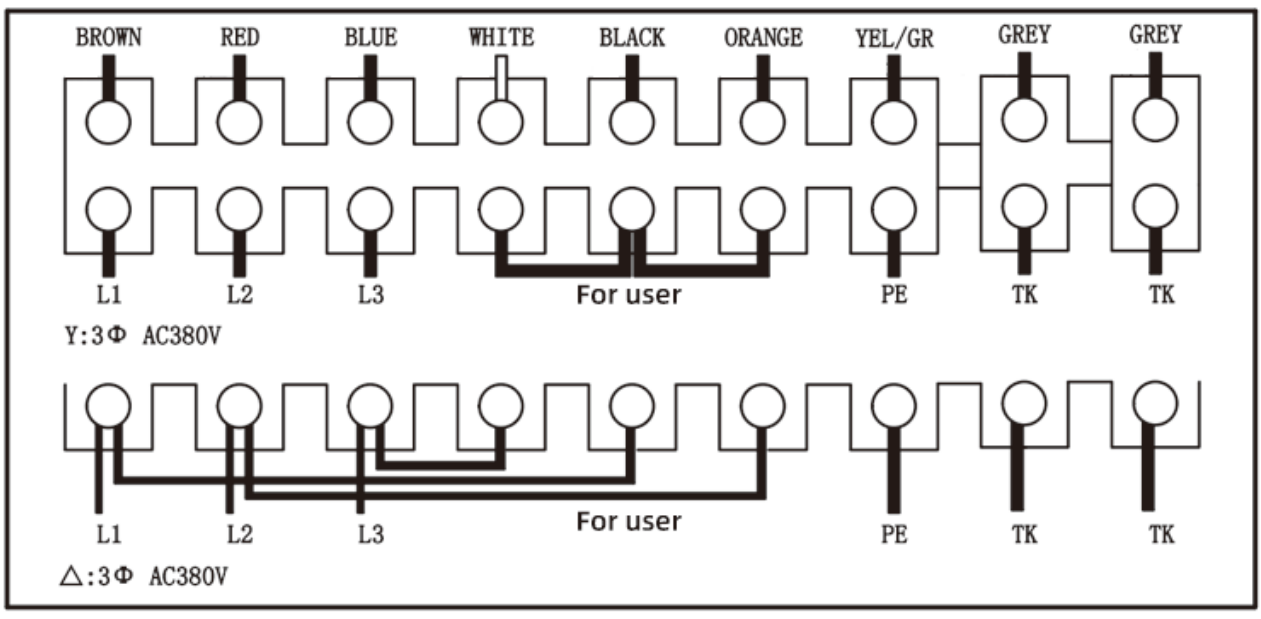
1-1.The components of the fan should be assembled correctly, without oil or dirt on the surface, without obvious distortion, mechanical damage and other defects.
1-2.The fan rotates flexibly, without stagnation, without abnormal sound during operation, and without edge rubbing of the stator and rotor.
1-3.The safety requirements of the fan are implemented according to GB12350-2009, and the electric strength is 1800V s; the insulation resistance at room temperature is not less than 100MΩ.
1-4.Motor insulation class: CLASS F.
1-5. Motor protection grade IP54, fan protection grade IP2X.
1-6.The dynamic balance after the counterweight is 920 ± 10% r/min, the unbalance is ≤ G6.3, and the fan vibration value is ≤ 5.4mm/s.
1-7.900 flanging air guide ring H, 900 flanging air guide ring net cover.
1-8.External thermal protector.

Fan Key Performance Parameters						
NO.	Static Pressure [Pa]	Current [A]	Power [W]	Speed [r/min]	Air Flow [m³/h]	Notes
①	0	4.50	2207	907	29286	
②	73	4.83	2445	895	25538	
③	130	4.98	2579	886	20437	Max. Efficiency
④	168	5.01	2565	885	11382	Max. Air Flow

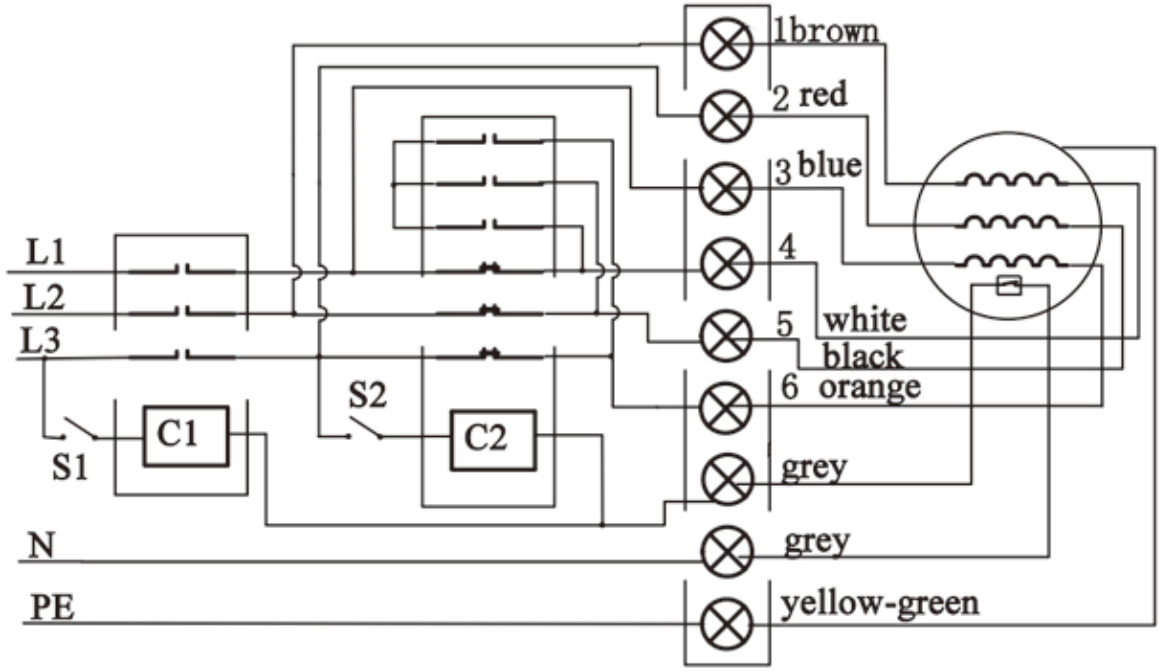
2.Working Conditions

1) Voltage and frequency: 3 ~ 380 V ± 5%, 50Hz.
2) Outlet conditions: with junction box, recommended outlet specification, not less than 1 mm.
3) Ambient temperature: -40~-50℃.
4) Installation method: vertical installation or end cover upward installation.

External Wiring Diagram

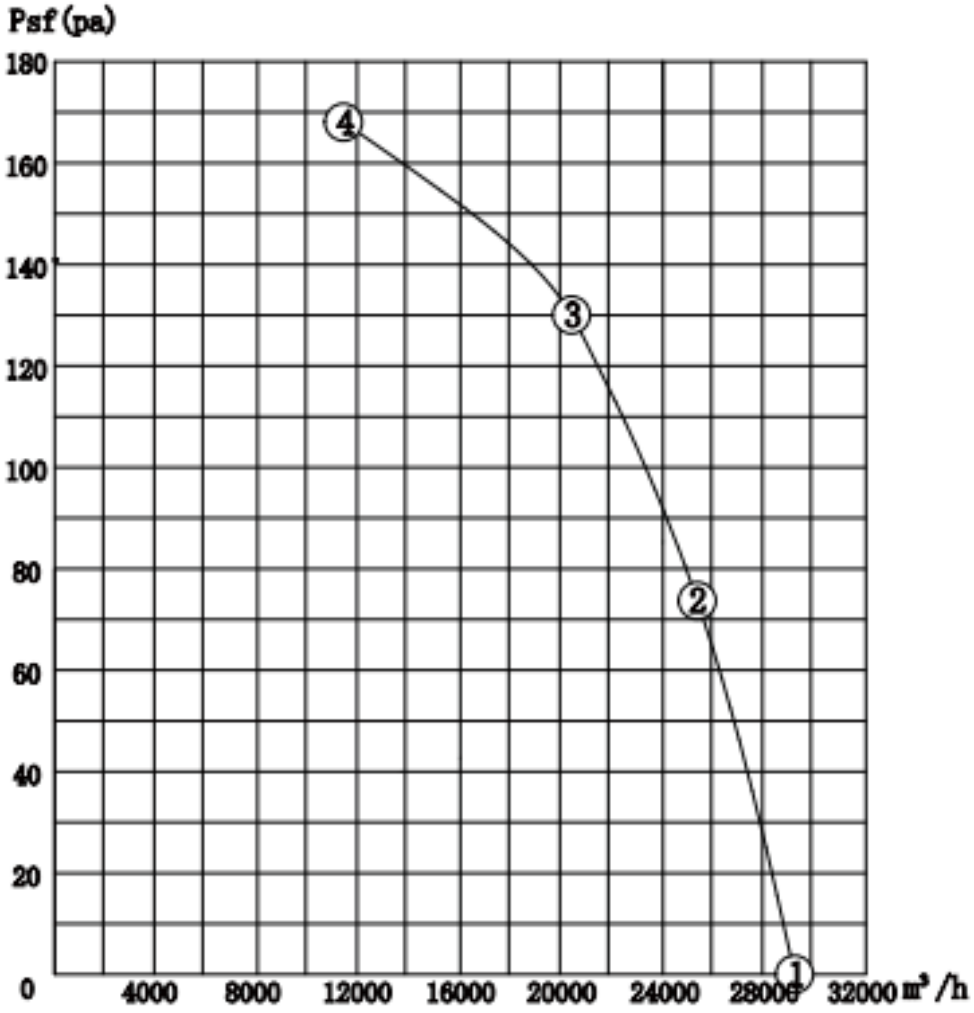


3.Schematic



QP1-operation control air switch, QF1 is connected, the fan is running. C1-Y/operation control contactor, S1 is disconnected, according to the method; S1 is connected, Y connection.

4.Air volume curve



5.Outline Drawing