SPECIFICATION

MODEL
K-AC250-S230-13

Model:K-AC250-S230-13

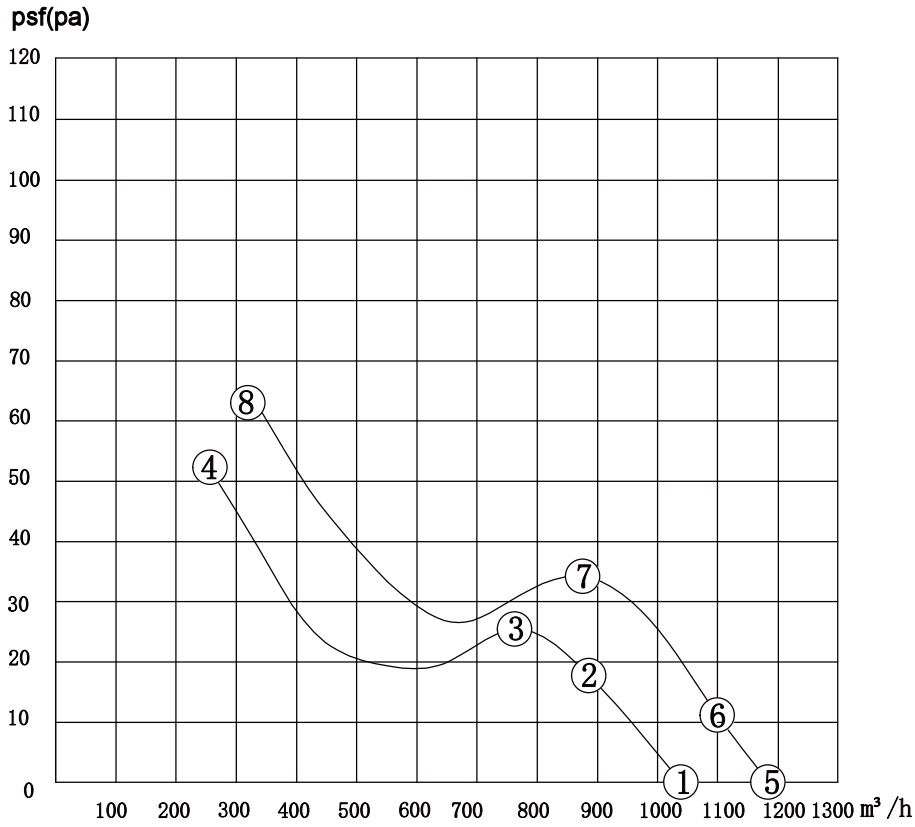
1.Technical conditions

1-1.All components of the fan should be assembled correctly, with no oil or dirt on the surface, no obvious distortion, deformation, mechanical damage or other defects.
1-2.The fan rotates flexibly, without jamming, runs without abnormal noise, and there are no scratches or other adverse phenomena on the stator and rotor.
1-3.The safety requirements for the fan shall be in accordance with GB12350-2009, with an electrical strength of 1800V · S; Insulation resistance at room temperature not less than 100MΩ.
1-4. Motor insulation level, Class F.
1-5.The motor protection level is IP44, and the fan protection level is IP2X.
1-6.The imbalance of the dynamic balance after counterweight at a speed of 1600±10%r/min is ≤G6.3, and the vibration value of the fan is ≤5.4mm/s.
1-7.Equipped with 250 flat mesh cover P45.

2.Usage conditions and test data

2-1.Voltage and frequency: 1~230V±5%,50/60Hz.
2-2.Outlet condition: with outlet wire, recommended length of outlet wire, not less than___m.
2-3.Environmental temperature: -40~+80℃.
2-4.Installation method: vertical installation or end cover upward installation

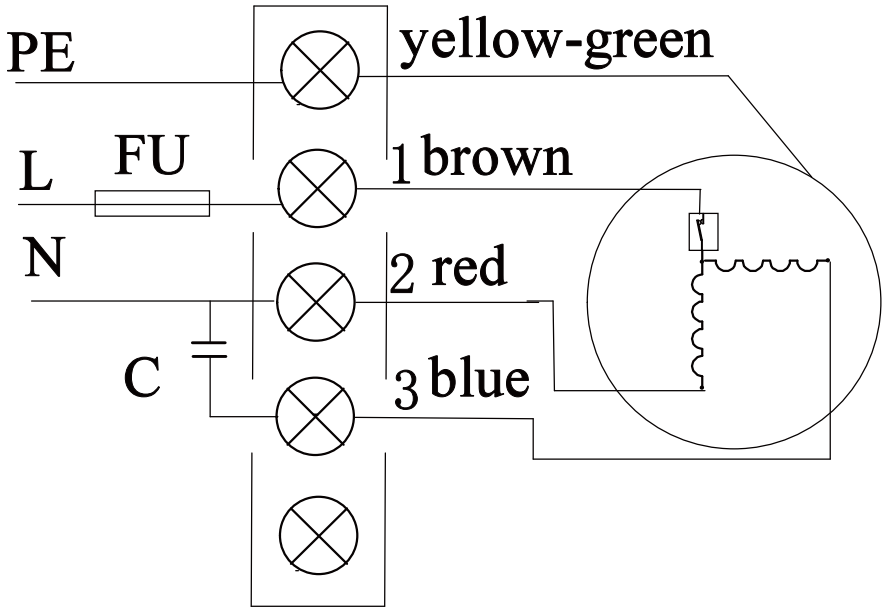
3.Air volume curve



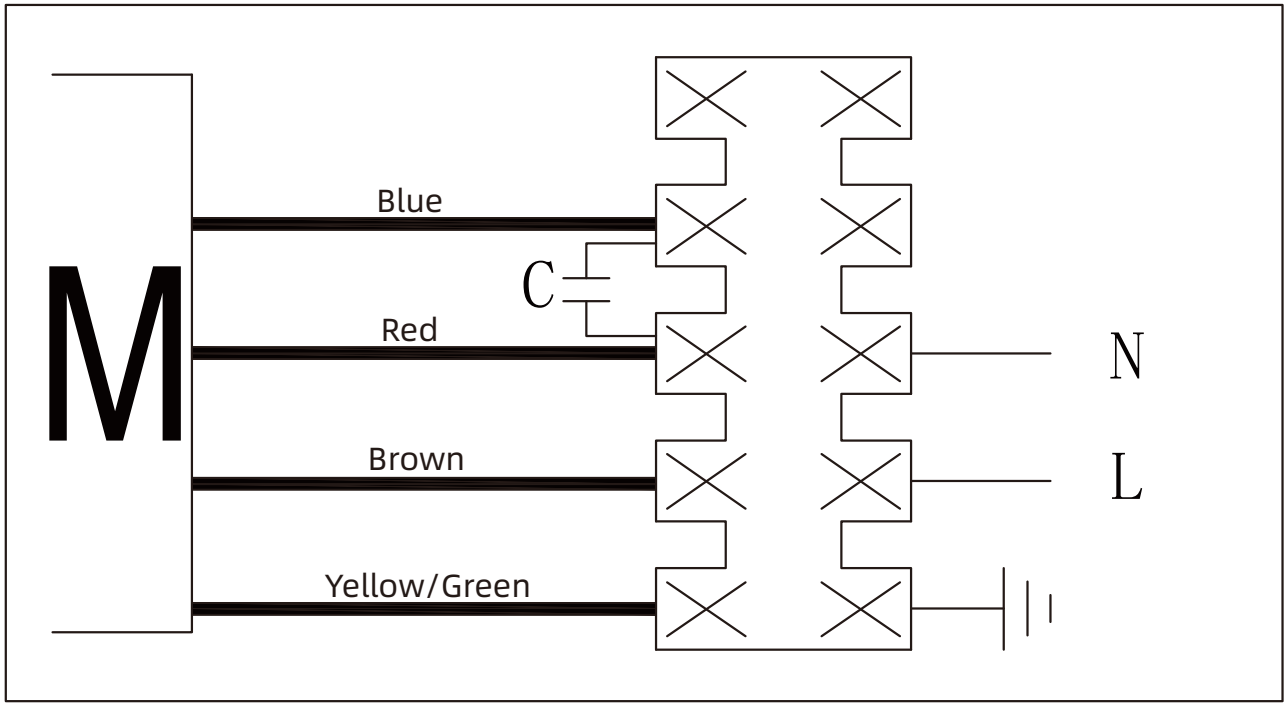
4.Key Performance Parameters of Fan

50Hz Parameter						
	Static pressure [Pa]	Current [A]	Power	Speed [r/min]	Air flow [m³/h]	Notes
①	0	0.20	44	1357	1039	
②	18	0.20	45	1357	885	
③	25	0.21	45	1357	762	Maximum efficiency
④	51	0.22	48	1354	262	Maximum current
60Hz Parameter						
⑤	0	0.27	58	1607	1183	
⑥	12	0.28	60	1598	1090	
⑦	34	0.29	62	1581	876	Maximum efficiency
⑧	61	0.30	64	1542	343	Maximum current

4.Wiring diagram



5.External wiring diagram



6.Outline Drawing