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Specifications

AC Axial Fan

Model : YWF4D-450

Type : S-E5L

Coding : E04150269

Version: V1.0

Date : 2021.10.19

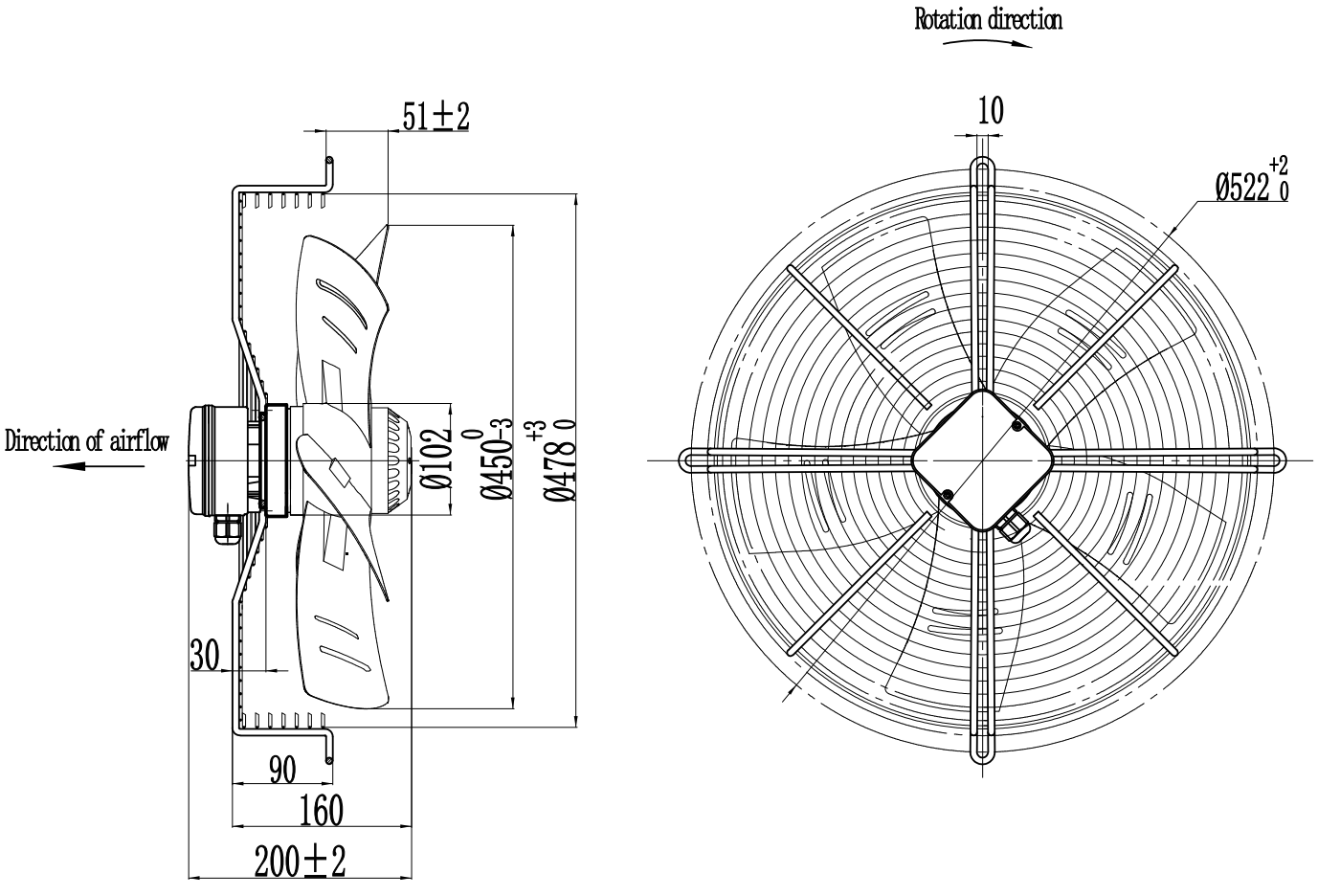
Version	Status	Version update instructions	Date	DRN BY	CHK BY
V1.0	Effective	Initial release	2021-10-19	JX.Chen	XQ.Chen

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Standards

- GB12350 《*Safety Requirments of small Power motors*》
- EN60335-1 《*Safety Requirments of Household of Similar Electrical Appliances*》
- The level of balance is in accordance with ISO 1940, G4.0
- Vibration testing and velocity is performed according to JB/T8689.
- This product is certified by China CCC and EU CE
- ISO 9001 quality system certification
- Standard of noise test:ISO 13347 《*Determination of fan sound power levels under standardized laboratory conditions*》
- The fan performance data is accurate and reliable, conforming to GB/T1236-2017 and 《*Industrial fans-performance testing using standardize dairways*》 in ISO5801-2007 standards.

Product Drawings



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Technical Parameters

Power supply	Phase	3
Frequency	HZ	50
Wiring		Y
Capacitance	μF	-
Input Voltage	V	380
Input Current	A	0.60
Input Power	W	280
Rated Speed	r/min	1365
Fan Noise	dB(A)	70
Fan Steering		Counterclockwise(From the motor)
Fan Life	h	40000
Fan Weight	kg	6.8
Protection Level		IP54
Insulation Class		F
Balance Level		G4.0
Ambient Temperature	℃	-40~+60
Environment Humidity		≤90%RH
Impeller Material		Metal
Spray Color		-
Operating Status		S1

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Label

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External Rotor Axial Fan

CE

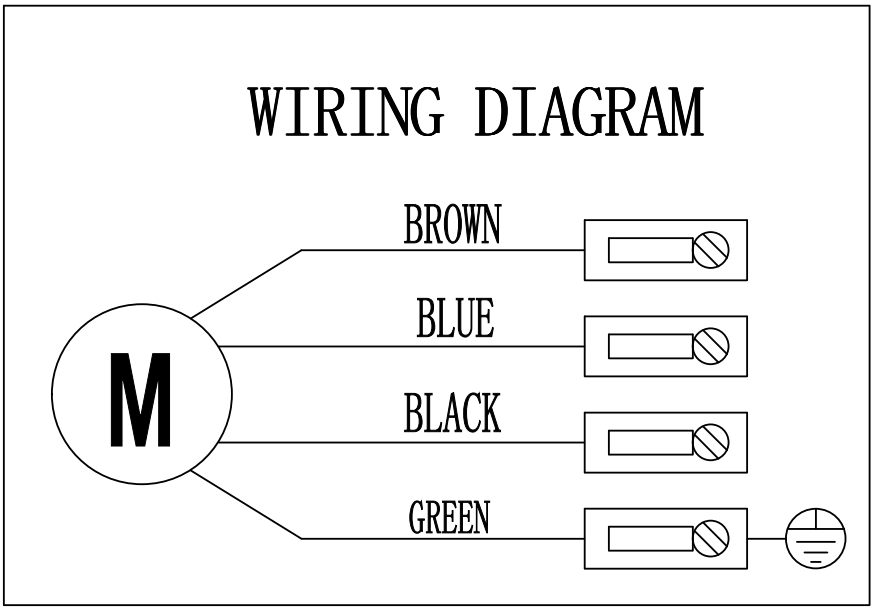
EAC

YWF4D-450 S-E5L E04150269

380V 3PH 50Hz 0.60A 280W

1365r/min 4706m³/h 110Pa CL.F Date:2021.XX

Product wiring diagram



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Product Performance

St.P.	Air Flow	Speed	Votage	Freq.	Current	Power
Pa	m3/h	RPM	V	Hz	Amp	W
0	4706	1428	401	50	0.55	187
41	4200	1411	400	50	0.57	222
65	3807	1396	397	50	0.57	237
78	3401	1382	401	50	0.58	246
94	3001	1378	402	50	0.60	269
103	2601	1367	401	50	0.60	277
109	2208	1359	402	50	0.61	284
133	1800	1343	402	50	0.63	310
157	1403	1321	403	50	0.65	336

Airflow-static pressure curve:

