



Products Overview

The YWF series are plate mounted wall fan with inlet bellmouth. Range sizes are fitted 200mm to 600mm diameter. YWF series are offered with AC Voltage:

- E: Single-phase with 220V-240V/50Hz.
- D: Three-phase with 380V-415V/50Hz.

Material:

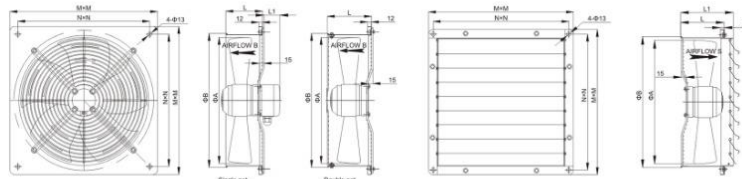
- Casing: Plate steel with power-coated and anti-corrosion protection.
- Impeller: Steel with power-coated and high efficiency sickle axial impeller driven by external rotor motor
- Motor: 100% copper coil and fitted with high quality ball bearing, high efficiency, low noise, maintenance free and long service life. Equipped with thermal overload protection.
- Standard motor range is protected to IP 44, class F insulation.
- **Application:** Factory and warehouses, restaurants, gymsnasiums, meeting rooms, workshops, swimming pools, green houses, public toilet and stores, etc.

Performance Parameters

Model	Max. Air Volume (m ³ /h)	Max. Pressure (Pa)	Power (W)	Currency (A)	Speed (rpm/min)	Voltage (V/PHz)	Capacity (μF)	Noise dBA (at 3m)
YWF2E-200-B	1050	120	65	0.30	2650	220/1/50	2.5	56
YWF2D-200-B	1080	120	65	0.25	2700	380/3/50	-	57
YWF4E-250-B	1250	60	60	0.27	1450	220/1/50	2.5	50
YWF4D-250-B	1250	60	55	0.23	1450	380/3/50	-	50
YWF4E-300-B	1950	70	75	0.35	1400	220/1/50	4	60
YWF4D-300-B	1950	70	70	0.25	1400	380/3/50	-	60
YWF4E-350-B	3270	93	120	0.57	1400	220/1/50	6	64
YWF4D-350-B	3270	93	120	0.45	1400	380/3/50	-	64
YWF4E-400-B	4800	125	190	0.90	1400	220/1/50	8	68
YWF4D-400-B	4800	125	180	0.60	1400	380/3/50	-	68
YWF4E-450-B	5380	150	280	1.25	1380	220/1/50	10	69
YWF4D-450-B	5380	150	210	0.53	1380	380/3/50	-	69
YWF4E-500-B	8850	190	370	1.75	1390	220/1/50	12	72
YWF4D-500-B	8850	190	380	0.50	1390	380/3/50	-	72
YWF4E-600-B	13000	230	750	3.25	1380	220/1/50	12	75
YWF4D-600-B	13000	230	680	1.55	1380	380/3/50	-	75



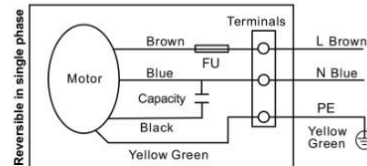
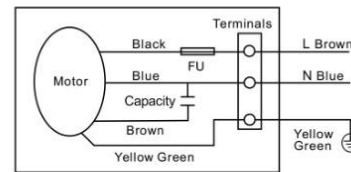
Dimension Information



Model	M-M	N-N	ΦA	ΦB	DOUBLE NET			SINGLE NET			SQUARE LOUVER		
					L	L1	L1	N+N	L	L1	L	L1	
YWF-200-B	270	220	200	220	90	75	56	240	75	108			
YWF-250-B	320	270	250	270	100	75	56	290	100	131			
YWF-300-B	370	320	300	325	105	80	56	340	105	135			
YWF-350-B	420	370	350	377	143	130	41	390	130	160			
YWF-400-B	470	420	400	427	145	115	41	440	145	175			
YWF-450-B	520	470	450	477	155	117	41	-	-	-			
YWF-500-B	570	520	500	529	155	112	41	540	155	185			
YWF-550-B	620	570	550	579	165	130	41	-	-	-			
YWF-600-B	670	620	600	629	190	150	41	640	190	220			

Wiring Diagram

- The fan is designed for 220-240V/50Hz (single-phase) and 380-415V/50Hz (three-phase) alternating current mains.
- Check that supply is according to data on nameplate.
- Insert electric wire according to the instructions in the terminal box.
- The equipment connected ground for motor protection according to the instructions.
- Connect electric supply.



In the case of reverse direction of rotation:

- With 1 phase motor to change direction of rotation, transpose the position of leads black and brown.
- With 3 phases motor to change direction of rotation transpose two of the phases.

