



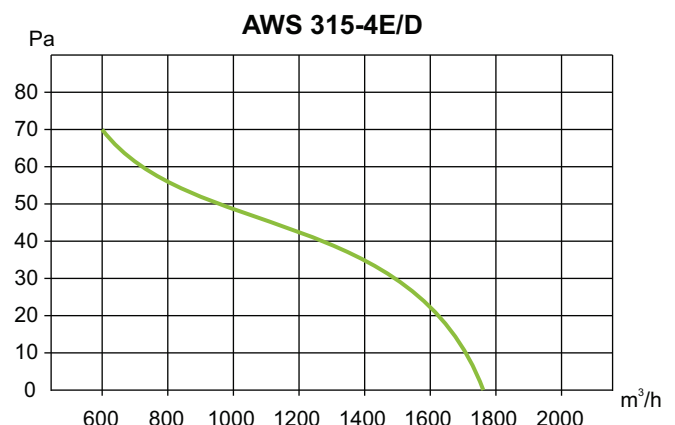
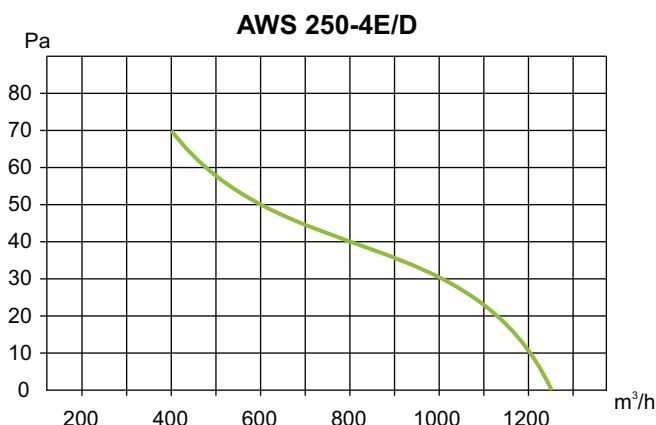
Feature

- High efficiency.
- Easy installation, service and clean.
- Low power consumption.
- Be able to speed controllable.
- Fitted with terminal box.
- Compact design.
- Can be installed directly on the wall.
- Standard motor range is protected to IP54, class F insulation.

Testing

The performance has been tested in accordance with ISO 5801. The sound data has been determined by testing to ISO 13347-2. The fans have passed QCVN 04:2009/BKHCN and TCVN 5699-2-80:2007 (IEC 60335) standard for electric safety.

Performance Curve



General Information

The AWS series are plate mounted wall fan with inlet bellmouth.

Range sizes are fitted 250mm to 630mm diameter.

The AWS series offered reliable performance in commercial and industrial exhaust air applications suitable for wall installation providing good air flow performance against medium level pressures.

Fans are used for ventilation of factory and warehouses, restaurants, gymnasiums, meeting rooms, workshops, swimming pools, green houses, public toilet and stores, etc.

AWS series are offered with AC Voltage:

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

Construction Information

The AWS series are mainly constructed of casings with inlet cone plate (plate wall), impeller, motor, protection guard and terminal box.

Casings are made of mild steel with power-coated and anti-corrosion protection.

The impellers are fitted with high efficiency sickle axial impeller driven by external rotor motor and the motor impeller is balanced in according to ISO 1940 with G2.5mm/s quality standard.

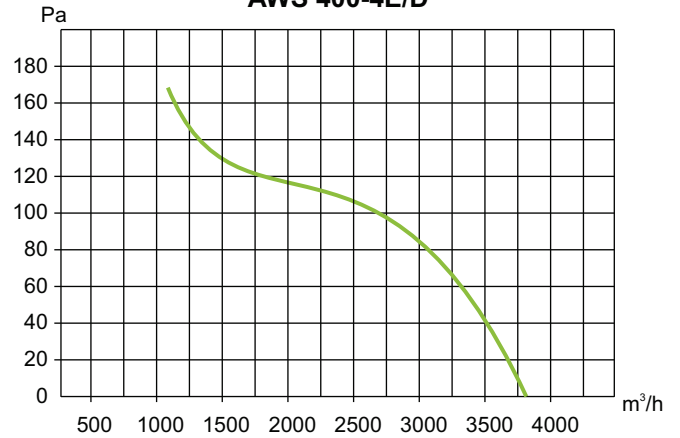
The motor is made of 100% copper coil and fitted with high quality ball bearing, waterproof, high efficiency, low noise, maintenance free and long service life. Equipped with thermal overload protection.

Inlet wire guards are supplied for all sizes.

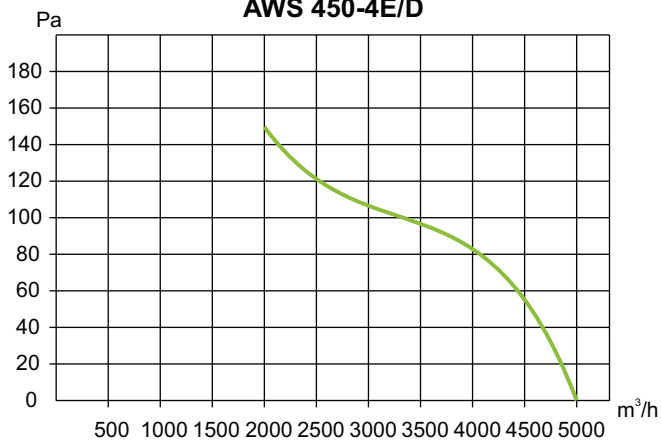
AWS 355-4E/D



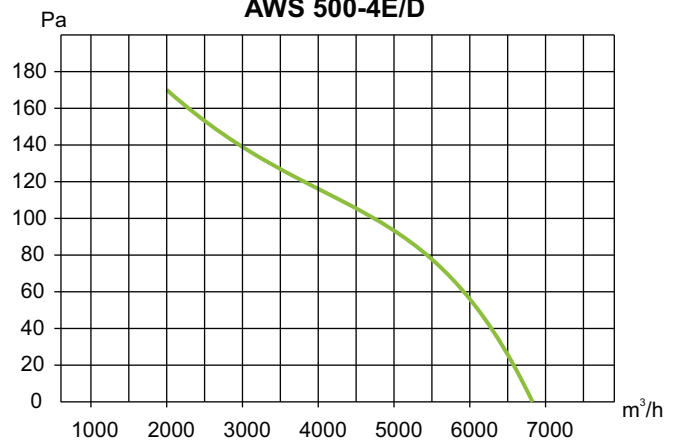
AWS 400-4E/D



AWS 450-4E/D



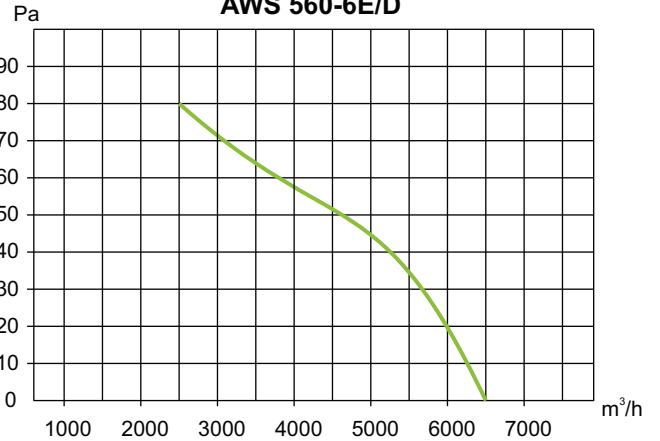
AWS 500-4E/D



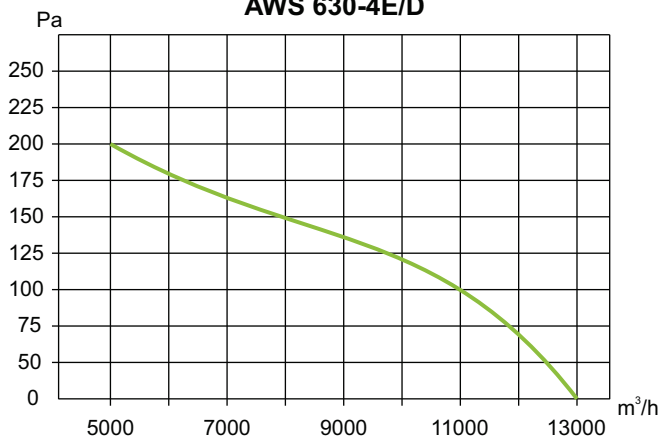
AWS 560-4E/D



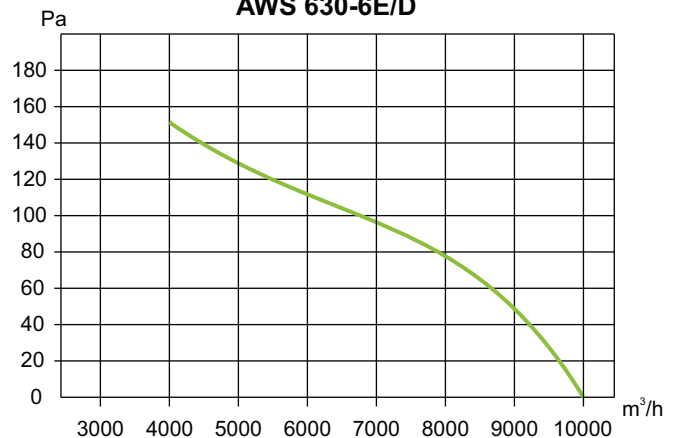
AWS 560-6E/D



AWS 630-4E/D



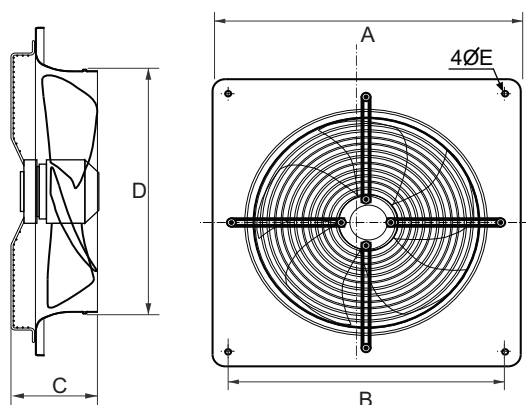
AWS 630-6E/D



Performance Parameters

Model	Max. Air Volume (m ³ /h)	Max. Pressure (Pa)	Power (W)	Current (A)	Speed (rpm/min)	Voltage (V/P/Hz)	Capacity (µF)	Noise dBA (at 3m)
AWS 250-4E	1250	70	50	0.25	1450	220/1/50	2.5	50
AWS 250-4D	1250	70	50	0.23	1450	380/3/50	-	50
AWS 315-4E	1750	70	75	0.35	1400	220/1/50	2.5	52
AWS 315-4D	1750	70	70	0.25	1400	380/3/50	-	52
AWS 355-4E	2650	80	120	0.57	1400	220/1/50	4	60
AWS 355-4D	2650	80	120	0.45	1400	380/3/50	-	60
AWS 400-4E	3800	160	190	0.9	1400	220/1/50	6	62
AWS 400-4D	3800	160	180	0.6	1400	380/3/50	-	62
AWS 450-4E	5000	150	280	1.25	1380	220/1/50	8	64
AWS 450-4D	5000	150	210	0.75	1380	380/3/50	-	64
AWS 500-4E	6800	170	370	1.75	1390	220/1/50	10	67
AWS 500-4D	6800	170	380	0.8	1390	380/3/50	-	67
AWS 560-4E	8200	180	550	2.6	1380	220/1/50	12	69
AWS 560-4D	8200	180	520	0.95	1380	380/3/50	-	69
AWS 560-6E	6500	80	320	1.5	950	220/1/50	8	63
AWS 560-6D	6500	80	300	1.0	950	380/3/50	-	63
AWS 630-4E	13000	200	800	3.7	1380	220/1/50	15	70
AWS 630-4D	13000	200	760	1.6	1380	380/3/50	-	70
AWS 630-6E	10000	150	550	1.9	930	220/1/50	10	65
AWS 630-6D	10000	150	520	1.35	930	380/3/50	-	65

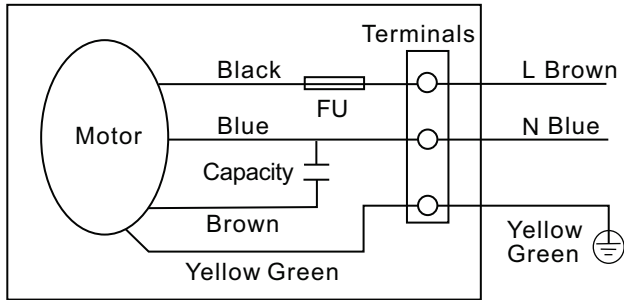
Dimension Information



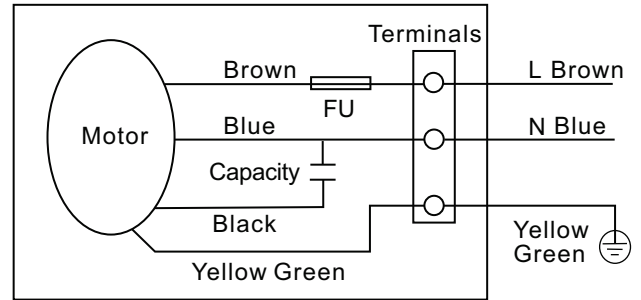
All dimensions in mm.

Model	A	B	C	D	E	Weight (Kg)
AWS 250-4E/D	370	320	100	258	7	4
AWS 315-4E/D	430	380	118	315	9	6
AWS 355-4E/D	485	435	130	359	9	8
AWS 400-4E/D	540	490	138	400	9	10
AWS 450-4E/D	575	535	148	456	11	11
AWS 500-4E/D	655	615	153	509	11	15
AWS 560-4E/D	725	675	167	563	11	18
AWS 560-6E/D	725	675	167	563	11	18
AWS 630-4E/D	805	750	185	639	11	23
AWS 630-6E/D	805	750	185	639	11	23

Wiring Diagram

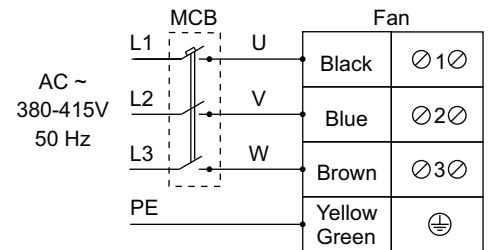
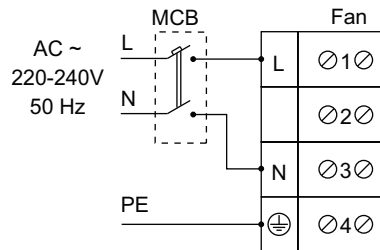


Reversible in single phase



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.



Installation Method

Take care of direction of air flow shown by arrow stickers.

1. Make a frame and install it to the wall. The sizes of frame and hole refer to the above dimension sheet.
2. Install the fan with screws to the frame (refer to the right picture).

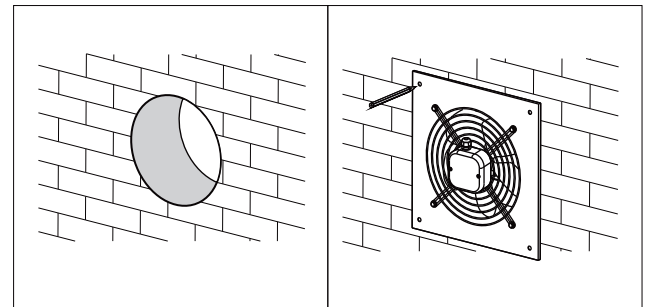
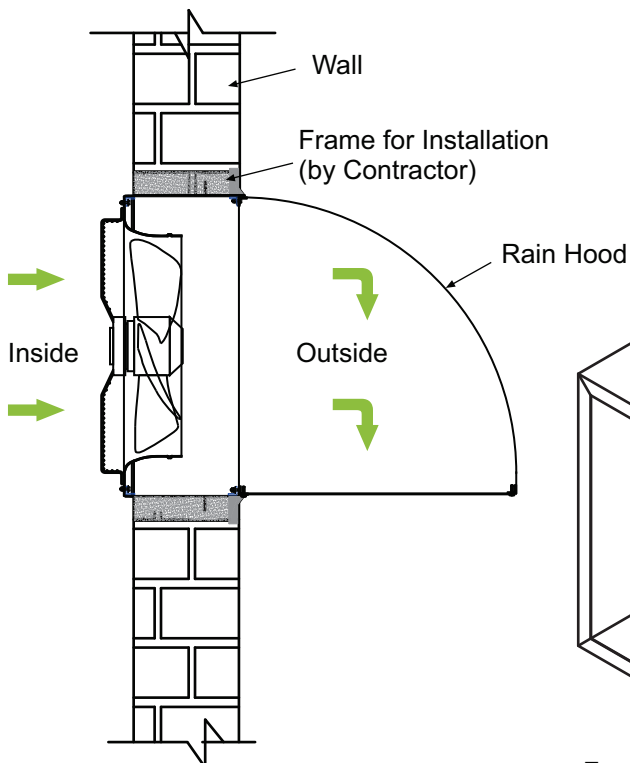
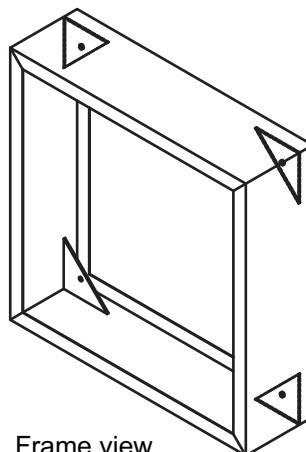


Fig 01

Fig 02



Installation overview
with weather cover



Frame view

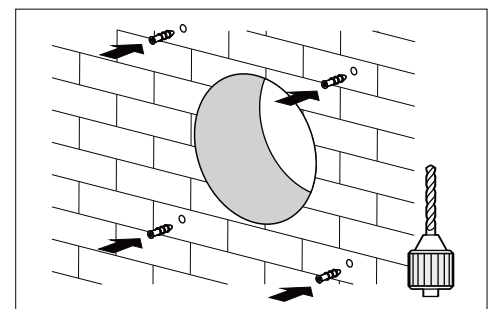


Fig 03

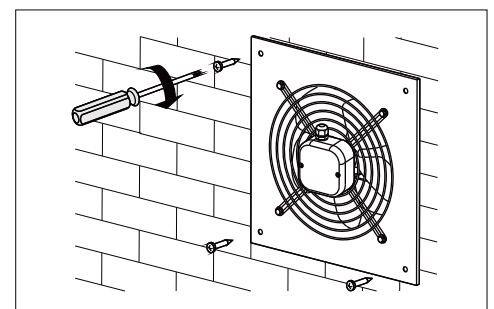


Fig 04