

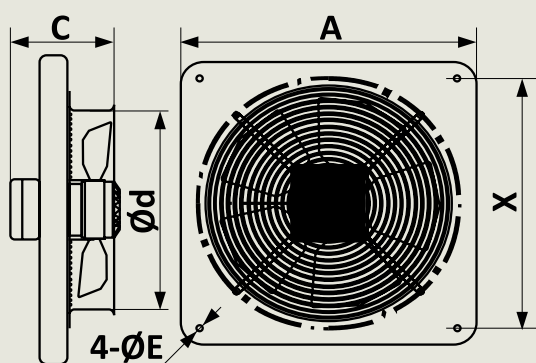
# STORM

## Line of fans



### Dimensions

Article	C	X	A	d	E
STORM YWF2E 200	130	225	305	230	7
STORM YWF2E 250	140	315	375	280	7
STORM YWF2E 300	150	375	430	330	10
STORM YWF4E 350	160	430	485	380	10
STORM YWF4E 400	170	485	540	430	10
STORM YWF4E 450	185	515	575	480	10



- Axial low-pressure fans in a metal casing coated in black polymeric enamel.
- Designed for supply and exhaust ventilation and for cooling down compression-condensation refrigerating systems.
- The ventilation mode (supply or exhaust) is set depending on the way fan is mounted into the ventilation system.
- Waterproof terminal box.
- Induction ball-bearing motors are protected from overheating. Ingress protection rating for the motor is IP44.
- Configuration depends on the model. STORM can be equipped with a bipolar or quadrupole induction motor:
  - models of 200, 250, 300 mm diameter are equipped with a bipolar motor.
  - models of 350, 400, 450 mm diameter are equipped with a quadrupole motor.
- Wall and ceiling installation is carried out using special square mounting panel.
- Have a flange for easy mounting into air ducts of the appropriate size.
- Speed regulation is available. Smooth or complicated speed control is carried out using a thyristor or autotransformer speed regulator. Several fans can be connected to one and the same speed-controller, provided that their total power and operating current do not exceed the rated speed controller parameters.
- Ingress protection rating for the electrical equipment is IPX4, for the motor — IP44.

### Design features



The fan is equipped with an electric motor of external rotor type. It also has a metal impeller with black powder coating and implemented crescent-shaped blades, dynamically balanced for better noise reduction.

### Technical specifications

Specifications	STORM YWF2E					
	200	250	300	350	400	450
Diameter, mm	230	280	330	380	430	480
Power consumption, W	55	80	145	135	180	250
Capacity, m³/h	890	1100	2300	2600	3830	4800
Pressure, Pa	110	120	115	120	130	120
Noise Level, dB(A)	50	60	61	62	63	64
Current consumption, A	0,25	0,36	0,66	0,61	0,82	1,14
Rotation frequency, RPM	2550	2480	2350	1400	1400	1300

### Capacity diagram

