



Type	A	B	C
EP-3N	333	395	490
EP-5N	333	395	490
EP-9N	408	495	595
EP-12N	408	586	600
EP-15N	408	586	600

Technical parameters

■ Cabinet

it is made of sheet steel, provided with firing varnish. A stand made of a steel tube is screwed to the case, which allows for two basic positions of standing the fan and carrying it at the same time.

■ Impeller

it is axial, pressed from aluminum sheet. The blades are performance optimized.

■ Engine

it is asynchronous with short armature and shielded pole. It is intended for continuous operation. The motor has grease-filled plain bearings for life. The motor has overload protection. Protection IP24.

■ Regulation

is done by 2 controls directly on the device. One sets the type of operation (see below), the second is controlled by the switching thermostat. The switch on the rear panel can be used to select whether the thermostat will run the fan and heat or heat only with the fan permanently on.

■ Electrical connection

The connection is a cable that is brought out of the cabinet through a grommet and is terminated with a 5-pin 400V plug, the EP-3N model is single-phase and the supply is equipped with a single-phase plug.

■ Traffic

The electrically heated fan is intended for operation on a horizontal pad or floor. At the same time, care must be taken to ensure that the box with the heating rods is not covered on the suction side or on the discharge side. In such a case, the air flow of the enclosure could be restricted, thereby increasing its temperature and resulting in a fire hazard. When the air temperature rises, the device is turned off by the safety thermostat, whose reset button is located on the upper side of the cabinet.

Types of operation:

- just the fan
- fan and half heating power
- fan and full heating power

■ Noise

emitted by the fan measured at a distance of 1.5m in a free acoustic field with the fan placed on the floor is given in the table.

■ Variants

- EP-3N basic design 3kW/230V
- EP-5N basic design 5kW/400V
- EP-9N basic design 9kW/400V
- EP-12N basic design 12kW/400V
- EP-15N basic design 15kW/400V

■ Instructions

Fans with electric heating are suitable for drying damp spaces and for heating in industry and construction. The place of deployment is mainly production halls, warehouse halls, social rooms, churches, exhibition halls, buildings and construction site equipment, garages and workshops.

■ Notice

It is necessary to maintain a safe distance from combustible structures, determined by the user's operating procedure.

Type	voltage [V]	input power [W]	heating performance [W]	current [A]	revolutions [min ⁻¹]	flow [m ³ /h]	acoustic pressure [dB(A)]	increase in temperature [°C]	weight [kg]
EP-3N	230	3033	1500/3000	13.0	1300	350	43	26	7.5
EP-5N	400	5033	2500/5000	7.2	1300	450	43	33	7.5
EP-9N	400	9050	4500/9000	13.0	1300	800	49	33	10
EP-12N	400	12040	6000/12000	17.3	1370	1100	50	32	12
EP-15N	400	15040	7500/15000	21.7	1370	1100	50	40	12