

| Type | A | B | C | D | E | F |
|--------|-----|-----|-----|-----|-----|-----|
| EC-3N | 370 | 300 | 450 | 85 | 120 | 220 |
| EC-5N | 370 | 300 | 450 | 85 | 120 | 220 |
| EC-9N | 450 | 375 | 565 | 112 | 152 | 294 |
| EC-12N | 450 | 460 | 565 | 112 | 152 | 294 |
| EC-15N | 450 | 460 | 565 | 112 | 152 | 294 |

Technical parameters

■ Cabinet

it is made of sheet steel, provided with firing varnish. A rotating bracket made of sheet steel is attached to the case, which allows the position of the fan to be adjusted.

■ Impeller

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

■ Engine

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

■ Regulation

is done externally by a CR 25 switch or a CR 25 switch and a TR thermostat. Three different operating modes can be selected with the switch (fan only, fan and half heating power, fan and full heating power). If a thermostat is also used, the unit starts automatically in the mode selected on the CR switch. In addition, it is possible to set whether the thermostat will start the whole unit (fan and heater) or only the heater (with the fan running continuously).

■ Electrical connection

Connection with a cable brought out of the box through a grommet, the device is intended for fixed installation.

■ Accessories

- TR-1 N room thermostat for sizes EC-3N, 5N, 9N
- TR-2 room thermostat for sizes EC-12N, 15N
- CR-25 operation and heating switch
- CR-TEMP wall-mounted regulator with temperature sensor
- CONTROL ETT6 control unit

■ Mounting

The unit is mounted on the wall using the included bracket. The minimum distances from the walls are shown in the figure. Care must be taken not to cover the heating rod box on both the suction and discharge sides. 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. The switch and thermostat are wall mounted.

■ Noise

emitted by the fan is measured at a distance of 1.5m in the free acoustic field is shown in the table.

■ Variants

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

■ Instructions

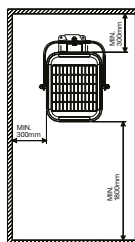
Fans with electric heating are suitable for drying damp spaces and for heating in industry and construction. The place of deployment is mainly production halls, warehouse halls, social rooms, churches, exhibition halls, buildings and construction site equipment, garages and workshops.

■ Notice

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

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Additional illustrations



Accessories



Driver CR 25



thermostat TR 1 N
thermostat TR 2

| Type | voltage [V] | input power [W] | heating performance [W] | current [A] | recommended insurance [A] | revolutions [min ⁻¹] | flow [m ³ /h] | acoustic pressure [dB(A)] | increase temperature [°C] | weight [kg] |
|--------|-------------|-----------------|-------------------------|-------------|---------------------------|----------------------------------|--------------------------|---------------------------|---------------------------|-------------|
| EC-3N | 230 | 3033 | 1500/3000 | 13.0 | 16 | 1300 | 350 | 43 | 26 | 9.7 |
| EC-5N | 400 | 5033 | 2500/5000 | 7.2 | 10 | 1300 | 450 | 43 | 33 | 9.7 |
| EC-9N | 400 | 9050 | 4500/9000 | 13.0 | 16 | 1300 | 800 | 49 | 33 | 15 |
| EC-12N | 400 | 12040 | 6000/12000 | 17.3 | 25 | 1370 | 1100 | 50 | 32 | 17 |
| EC-15N | 400 | 15040 | 7500/15000 | 21.7 | 25 | 1370 | 1100 | 50 | 40 | 17 |