



TERM-E Electric Unit Heaters

The TERM-E heating units with axial fans, metal casing and electric heaters are designed to heat rooms such as: industrial halls, workshops, warehouses, commercial pavilions, sports and entertainment halls etc. The heating and ventilation units are made through adding roof or wall intakes and intake boxes for establishing a mixing proportion of fresh and circulating air to TERM-E heating units. **The units are adapted to work in a horizontal position as ceiling units and in a vertical position as wall units.**

PRODUCT DESCRIPTION

The unit includes:

- axial fan;
- electric heaters with spirally rolled aluminium finned tubes;
- external casing made of lacquered steel sheet;
- protection net made of galvanized steel sheet against accidental contact with heaters,
- options: single-row grid, slot ventilator or outlet nozzle.

The casing variant with the following items is recommended to use with the units which are planned to be operated as ceilings ones:

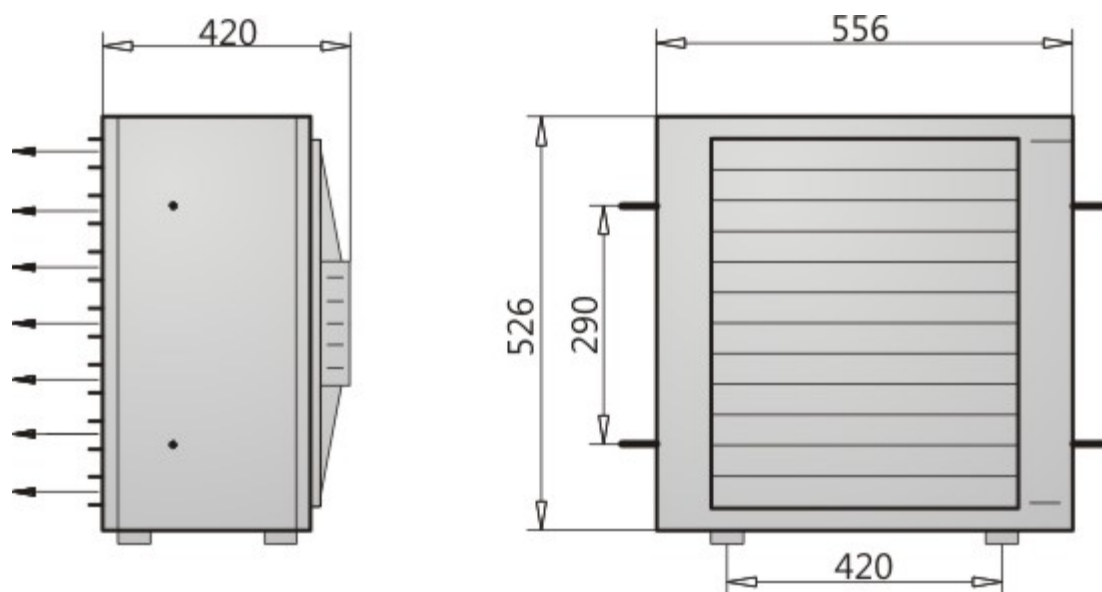
- slot diffuser - for heating a zone of human presence by a secondary air stream;
- discharge cone - for increasing a range of supply air stream.
- At the client's request the units can be manufactured with casing and heaters made of stainless steel.

Additional automation elements (option):

- power and control box (AT) equipped with overcurrent circuit breakers, relays and contactors, signalling lamps, switches: AUTO | STOP, 3-step power regulation and air flow capacity and HEATING | VENTILATION.
- temperature regulator (RTA) for automatic change of heat output depending on the temperature in the room
- time programmer (ZG) for control of unit's operation in weekly mode.

TERM-E-18

DIMENSIONS



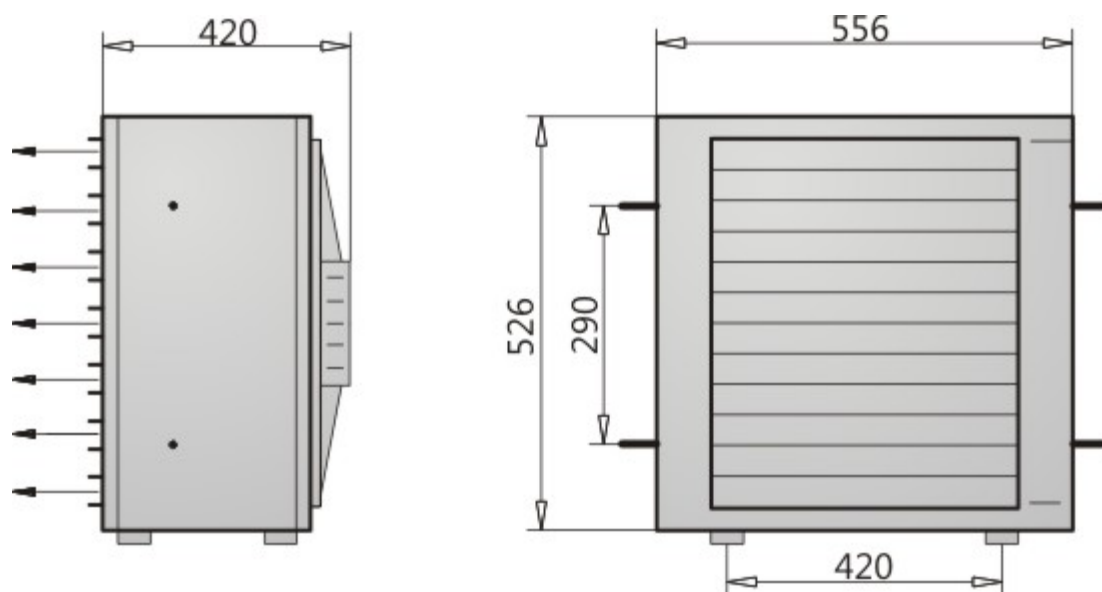
| Fan parameters | |
|-----------------------|----------|
| Voltage [V] | 230 |
| Motor power [kW] | 0,14 |
| Current [A] | 0,63 |
| Revolutions [rpm] | 1400 |
| IP | 54 |
| Insulation class | F |
| Operating temperature | do +60°C |

| Thermal powers of devices with electric heaters | |
|---|-------------|
| Air capacity [m³/h] | 2100 |
| Thermal power ranges [kW] | 6 / 12 / 18 |

| Operation noise level [dB(A)] | |
|-------------------------------|----|
| At the distance of 1m | 61 |
| At the distance of 5m | 57 |
| Unit weight | |
| Weight [kg] | 30 |

TERM-E-27

DIMENSIONS



| Fan parameters | |
|-----------------------|----------|
| Voltage [V] | 230 |
| Motor power [kW] | 0,18 |
| Current [A] | 0,77 |
| Revolutions [rpm] | 1400 |
| IP | 54 |
| Insulation class | F |
| Operating temperature | do +60°C |

| Thermal powers of devices with electric heaters | |
|---|-------------|
| Air capacity [m ³ /h] | 2900 |
| Thermal power ranges [kW] | 9 / 18 / 27 |

| Operation noise level [dB(A)] | |
|-------------------------------|----|
| At the distance of 1m | 63 |
| At the distance of 5m | 59 |
| Unit weight | |
| Weight [kg] | 34 |