KP/DB Air Curtains

Air curtains for doors and gates are used for protection against uncontrolled air intake at doors, gates and outer constructional holes in shops, department stores, workshops, storerooms etc. . They are intended for deriving and heating air from inside of a room. They may also be used without air heating as so called “cold” curtains. The curtains are fitted for installation at doors, gates at the height of 2,0 ÷ 4,0m. They may be positioned above gates (horizontal operation position) or at the gates sides (vertical operation position). Several curtains in a row may be used with bigger heights and widths. On demand KP/DB air curtains could be delivered with housing made for mounting in false ceiling.

DESCRIPTION

PRODUCT DESCRIPTION

Curtains consist of:

- housing made of painted steel sheet metal with slot on the whole length
- electric or water heater
- centrifugal, two-sidedly sucking fans (2 or 3)

The curtains are suspended from the ceiling of a room with use of thredded bars mounted to the housing. The curtains are offered in two sizes and six types differing in number and size of fans and length of outflow air slot. Electric heater is provided with protection against exceeding the max. operation temperature.

WORKING CONDITIONS

The water heaters are supplied with water with the temperature of 150^{O}C or lower and the pressure of up to 1,5MPa. Electric heater feeding is three-phase 400 V. During selection of the curtains air speed at the floor should be taken into consideration. The speed should not be lower than 3m/s.

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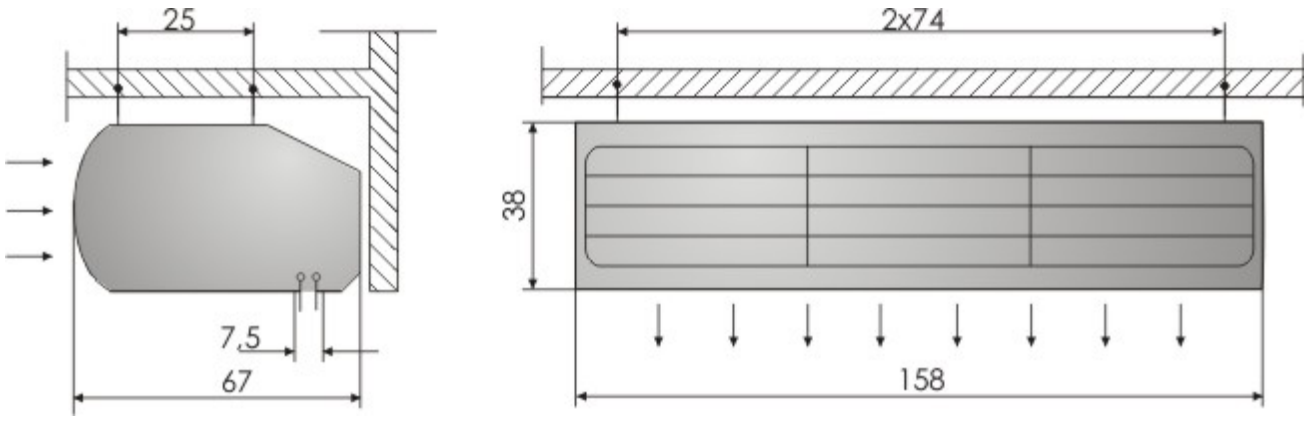
DIMENSIONS



Parameters of fans in curtain	
Number of fans	3
Voltage [V]	230
Motor power [kW]	0,074
Current [A]	1,0
Revolutions [rpm]	960
Air flow [m^3/h]	3 450

Operational noise level [dB(A)]	
From distance of 1m	64
From distance of 3m	60
Curtain weight	
Weight [kg]	83

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