

# EVKSB Inline fan box



## Description

Fan box with circular spigots with diameter from 100 to 315 mm and adjustable external 230V rotor motor.

## Characteristics

Galvanized steel structure, insulated inside with a sound absorbing mat.

## use

The fans are designed for inline mounting inside an air duct of matching air duct diameter, in any point of the ventilation system and at any angle. The fan shall be fixed to a building by means of supports, suspension brackets or fixation brackets in case of flexible connectors application. The fan can be mounted in any position with respect to the air flow direction indicated with a pointer on the fan casing.

Outlet and inlet of clean air or lightly dust.

Flow rates from 50 to 2150 m<sup>3</sup>/h and pressures up to 400 Pa .

## Accessories

RCS 300 - Speed regulators.

## Dimensions

All measures are in mm.

| Models |       | Dimensions |      |      |      |      |      |      | Weight |
|--------|-------|------------|------|------|------|------|------|------|--------|
|        |       | ØD         | B    | B1   | H    | L    | L1   | L2   | kg     |
|        |       | (mm)       | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |        |
|        | 100   | 99         | 322  | 280  | 192  | 447  | 380  | 350  | 5,4    |
|        | 125   | 124        | 322  | 280  | 192  | 447  | 380  | 350  | 5,4    |
|        | 150   | 149        | 352  | 310  | 212  | 477  | 410  | 380  | 6,4    |
|        | 160   | 159        | 352  | 310  | 212  | 477  | 410  | 380  | 6,4    |
|        | 200   | 199        | 432  | 368  | 287  | 588  | 506  | 480  | 10     |
|        | 200 S | 199        | 432  | 368  | 287  | 588  | 506  | 480  | 12     |
|        | 250   | 249        | 432  | 368  | 287  | 588  | 506  | 480  | 12,5   |
|        | 315   | 314        | 502  | 438  | 397  | 648  | 566  | 540  | 15,5   |

Operating Data

| Models | Power Supply | Power (W) | Current (A) | Protection Rating | Airflow Temperature |              | dB(A) at 3mt | RPM  |
|--------|--------------|-----------|-------------|-------------------|---------------------|--------------|--------------|------|
|        |              |           |             |                   | Minimum (°C)        | Maximum (°C) |              |      |
| 100    | 230V-1F-50Hz | 73        | 0,32        | IPX4              | -25                 | +55          | 33           | 2560 |
| 125    | 230V-1F-50Hz | 73        | 0,32        | IPX4              | -25                 | +55          | 35           | 2590 |
| 150    | 230V-1F-50Hz | 72        | 0,32        | IPX4              | -25                 | +55          | 36           | 2600 |
| 160    | 230V-1F-50Hz | 75        | 0,33        | IPX4              | -25                 | +55          | 36           | 2690 |
| 200    | 230V-1F-50Hz | 103       | 0,45        | IPX4              | -25                 | +55          | 38           | 2550 |
| 200S   | 230V-1F-50Hz | 195       | 0,85        | IPX4              | -25                 | +55          | 41           | 2570 |
| 250    | 230V-1F-50Hz | 198       | 0,87        | IPX4              | -25                 | +55          | 41           | 2420 |
| 315    | 230V-1F-50Hz | 322       | 1,4         | IPX4              | -25                 | +55          | 43           | 2670 |

Air Flow

| Models | Flow Rate (m³/h) |       |        |        |        |        |        |        |
|--------|------------------|-------|--------|--------|--------|--------|--------|--------|
|        | 0 Pa             | 50 Pa | 100 Pa | 150 Pa | 200 Pa | 250 Pa | 300 Pa | 400 Pa |
| 100    | 240              | 225   | 200    | 175    | 140    | 80     |        |        |
| 125    | 330              | 320   | 300    | 250    | 190    | 110    |        |        |
| 150    | 420              | 400   | 375    | 310    | 240    | 150    |        |        |
| 160    | 420              | 400   | 375    | 310    | 240    | 150    |        |        |
| 200    | 730              | 710   | 650    | 500    | 310    | 200    | 100    |        |
| 200S   | 950              | 940   | 900    | 850    | 750    | 600    | 480    | 200    |
| 250    | 1300             | 1280  | 1200   | 1100   | 950    | 800    | 600    | 260    |
| 315    | 2150             | 2100  | 2000   | 1850   | 1700   | 1500   | 1250   | 800    |

Price List

| EVKSB | Eur |
|-------|-----|
| 100   | -   |
| 125   | -   |
| 150   | -   |
| 160   | -   |
| 200   | -   |
| 200S  | -   |
| 250   | -   |
| 315   | -   |

Speed Control

| Models  | Eur |
|---------|-----|
| RCS 300 | -   |