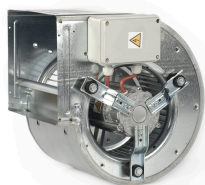


# EVDA Double intake fans



## Description

Double inlet centrifugal fans with directly coupled motor . Compliance regulations ERP 2015.

## Characteristics

Material : galvanized steel.

Finish: galvanized.

## Use

Fan for clean air used in air handling units, extractors afonizzati and hoods . Air flow rates from 600 to 7700 m³/h.

Pressures from 50 Pa to 400 Pa. 230V single-phase motors with the exception of the 1100 versions of the T 12/9 and 12/12 models that are 400 V three-phase.

## Warnings

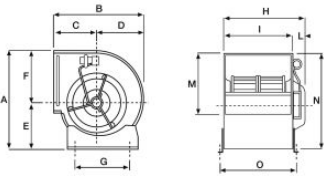
The air temperature must not exceed 40 ° C. Always check the absorptions of the electric motor; over-absorption causes overheating of the same, malfunctions and / or breakages. All engines are equipped with integrated thermal protection.

## Accessories

- SB-EVDA - Basic supports.
- Pressing mouth flange.
- RP - RC - Safety protection grids.
- RCS - Electronic speed regulators.

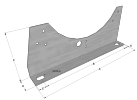
## dimensions

all measurements are in mm

| Models                                                                             |       | A   | B   | C   | D   | E   | F   | G   | H   | I   | L  | M   | N   | O   |
|------------------------------------------------------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|
|                                                                                    |       | mm  | mm  | mm  | mm  | mm  | mm  | mm  | mm  | mm  | mm | mm  | mm  | mm  |
|  | 7/7   | 329 | 321 | 157 | 164 | 143 | 186 | 225 | 277 | 232 | 45 | 200 | 328 | 260 |
|                                                                                    | 9/7   | 392 | 378 | 184 | 194 | 176 | 216 | 300 | 303 | 232 | 71 | 261 | 389 | 260 |
|                                                                                    | 9/9   | 392 | 378 | 184 | 194 | 176 | 216 | 300 | 369 | 298 | 71 | 261 | 389 | 326 |
|                                                                                    | 10/8  | 445 | 428 | 207 | 221 | 199 | 246 | 340 | 333 | 265 | 68 | 289 | 442 | 293 |
|                                                                                    | 10/10 | 445 | 428 | 207 | 221 | 199 | 246 | 340 | 399 | 331 | 68 | 289 | 442 | 359 |
|                                                                                    | 12/9  | 525 | 498 | 237 | 261 | 234 | 291 | 408 | 394 | 309 | 85 | 342 | 337 | 522 |
|                                                                                    | 12/12 | 525 | 498 | 237 | 261 | 234 | 291 | 408 | 480 | 395 | 85 | 342 | 522 | 423 |

# Base Supports Dimensions

All measures are in mm.

| Models                                                                           |                  | A   | B   | C   | D  | E  | Slotted hole |
|----------------------------------------------------------------------------------|------------------|-----|-----|-----|----|----|--------------|
|                                                                                  |                  | mm  | mm  | mm  | mm | mm | mm           |
|  | EVDA 7/7         | 255 | 225 | 94  | 28 | 15 | 16x12        |
|                                                                                  | EVDA 9/7-9/9     | 330 | 300 | 94  | 28 | 15 | 16x12        |
|                                                                                  | EVDA 10/8- 10/10 | 370 | 340 | 130 | 28 | 15 | 16x12        |
|                                                                                  | EVDA 12/9-12/12  | 438 | 408 | 130 | 28 | 15 | 16x12        |

## Operating Data

Pa : pressure drop in Pascal  
dB (A ) : noise index  
T : Three-phase  
3V: 3 speed motor

| Models | W      | Poli | dB (A) | Ingress Protection (IP) rating | Pressure (Pa)    |      |      |      |      |      |      |      |
|--------|--------|------|--------|--------------------------------|------------------|------|------|------|------|------|------|------|
|        |        |      |        |                                | 50               | 100  | 150  | 200  | 250  | 300  | 350  | 400  |
|        |        |      |        |                                | Flow Rate (m³/h) |      |      |      |      |      |      |      |
| 7/7    | 50     | 6    | 60     | IP30                           | 1000             | 550  |      |      |      |      |      |      |
|        | 147    | 4    | 74     | IP55                           | 1600             | 1550 | 1500 | 1400 | 1100 | 400  |      |      |
| 9/7    | 250 3V | 6    | 65     | IP20                           | 1900             | 1650 | 1500 |      |      |      |      |      |
|        | 420    | 4    | 72     | IP20                           | 2300             | 2150 | 2050 | 1950 | 1900 | 1900 | 1900 | 1800 |
| 9/9    | 250 3V | 6    | 62     | IP20                           | 2400             | 2300 | 1800 | 200  |      |      |      |      |
|        | 420    | 4    | 72     | IP30                           |                  |      |      |      | 2700 | 2500 | 2300 | 1300 |
| 10/8   | 250    | 6    | 62     | IP30                           | 2500             | 2400 | 2100 | 1400 |      |      |      |      |
|        | 550    | 4    | 74     | IP30                           |                  |      |      |      | 2900 | 2700 | 2600 | 2000 |
| 10/10  | 250    | 6    | 65     | IP20                           |                  |      | 2600 | 2400 | 500  |      |      |      |
|        | 550    | 4    | 70     | IP30                           |                  |      |      |      |      |      | 2900 | 2800 |
| 12/9   | 745    | 6    | 68     | IP20                           |                  |      | 4800 | 4300 |      |      |      |      |
|        | 1100T  | 6    | 72     | IP30                           | 6000             | 5700 | 5200 | 4800 | 4200 | 3300 | 400  |      |
| 12/12  | 736 3V | 6    | 68     | IP30                           |                  |      |      |      | 4700 | 3700 | 400  |      |
|        | 1100T  | 6    | 72     | IP30                           | 6800             | 6400 | 5800 | 5200 | 4400 | 2000 |      |      |

Price List

| Models | Velocity | Maximum<br>Input Power | Power Supply | Motor code  | Regolatore di Velocity |   | Ventilatore<br>EVDA |
|--------|----------|------------------------|--------------|-------------|------------------------|---|---------------------|
|        |          | W                      |              |             |                        |   | Eur                 |
| 7/7    | 1        | 50                     | 230V-1F-50Hz | 713304-5    | RCS300                 | - | -                   |
| 7/7    | 1        | 147                    |              | 7133A15-5   | RCS300                 | - | -                   |
| 9/7    | 3        | 250                    |              | 713314-5    | RCS600                 | - | -                   |
| 9/7    | 1        | 420                    |              | 713316-5    | RCS900                 | - | -                   |
| 9/9    | 3        | 250                    |              | 713335-5    | RCS600 (vel.<br>max)   | - | -                   |
| 9/9    | 1        | 420                    |              | 713332-5    | RCS900                 | - | -                   |
| 10/8   | 1        | 250                    |              | 713354-5    | RCS600                 | - | -                   |
| 10/8   | 1        | 550                    |              | 713355C-5   | RCS900                 | - | -                   |
| 10/10  | 1        | 250                    |              | 713369-5    | RCS600                 | - | -                   |
| 10/10  | 1        | 550                    |              | 713373C-5   | RCS900                 | - | -                   |
| 12/9   | 1        | 745                    |              | 713390C-5   | RCS210                 | - | -                   |
| 12/9   | 1        | 1100                   | 400V-3F-50Hz | 713394-5    | -                      | - | -                   |
| 12/12  | 3        | 736                    | 230V-1F-50Hz | 7133G01CD-5 | RCS210 (vel.<br>max)   | - | -                   |
| 12/12  | 1        | 1100                   | 400V-3F-50Hz | 713399-5    | -                      | - | -                   |

Accessori

| Description                             | Euro |
|-----------------------------------------|------|
| SB – Base support for EVDA 7/7          | -    |
| SB – Base support for EVDA 9/7 - 9/9    | -    |
| SB – Base support for EVDA 10/8 - 10/10 | -    |
| SB – Base support for EVDA 12/9 - 12/12 | -    |
| Kit viti + gommini                      | -    |