



# DA

## Aspiratori a doppia aspirazione direttamente accoppiati

### Direct drive double inlet fans



ErP 2009/125/CE



UE 327/2011

Conformi alla Direttiva e al  
Regolamento ErP 2009/125/CE (FAN)

Comply with Directive and EU  
Regulation 2009/125/CE (FAN)

**A RICHIESTA  
UPON REQUEST**

- Versioni con motore chiuso.
- Versions with closed motor.

#### DESCRIZIONE

Gli aspiratori della serie DA sono indicati negli impianti di ventilazione e condizionamento, filtrazione, riscaldamento. Possono trattare aria pulita con temperatura da -20°C a +40°C e per funzionare necessitano di una struttura di contenimento (plenum). I ventilatori non vanno utilizzati con prevalenze inferiori a quelle indicate nella curva di funzionamento.

#### COSTRUZIONE

- Cassa a spirale in lamiera d'acciaio zincata.
- Girante a doppia aspirazione, pale avanti, direttamente accoppiata al motore.

#### MOTORE

Motore monofase o trifase (solo 12/9 e 12/12), IP20/44/55, classe F. Termoprotettore nelle versioni monofase.

#### ACCESSORI

- Flangia per bocca premente.
- Staffe di fissaggio.

#### DESCRIPTION

The blowers of the DA series are suitable for ventilation, conditioning, filtering, heating. They can treat clean air with temperature range from -20°C to +40°C. For a proper working condition, they require an housing structure (plenum). The fans shall not be selected with pressures lower than shown on their performance diagram.

#### CONSTRUCTION

- Volute in galvanized steel sheet.
- Direct drive double inlet forward curved wheel.

#### MOTOR

Single-phase and three-phase motor (only 12/9 and 12/12), IP20/44/55, class F. Thermal protection in single-phase versions.

#### ACCESSORIES

- Outlet flange.
- Fixing feet.

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# PRESTAZIONI | PERFORMANCE

DA

Le prestazioni aerauliche sono rilevate in conformità alla norma EN ISO 5801/AMCA 210 con densità dell'aria standard avente peso specifico 1,2 Kg/m<sup>3</sup>.

Conformi alla Direttiva ErP 2009/125/CE e al regolamento UE327/2011 Tier 2-2015. Categoria di misura: B. Categoria di efficienza: Totale. Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz. Running Test: Rotazione-Flusso, Corrente, Controllo vibrometrico BV3 Veff. Max 3,5mm/sec ISO 14694.

Air performances measured according to EN ISO 5801/AMCA 210 standard with air density with 1.2 kg/m<sup>3</sup> specific weight. Compliant with ErP 2009/125/EC Directive and EU Regulation 327/2011 Tier 2-2015. Measurement category: B. Efficiency category: Total. Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz Running Test: Rotation-Flow, Current, Vibrometric checking BV3 Veff. Max 3,5mm/sec ISO 14694.

**Lp** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione emisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri dal lato aspirazione e si presenta solo per fini comparativi.  
Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 3 meters, inlet side (for comparative purposes only).

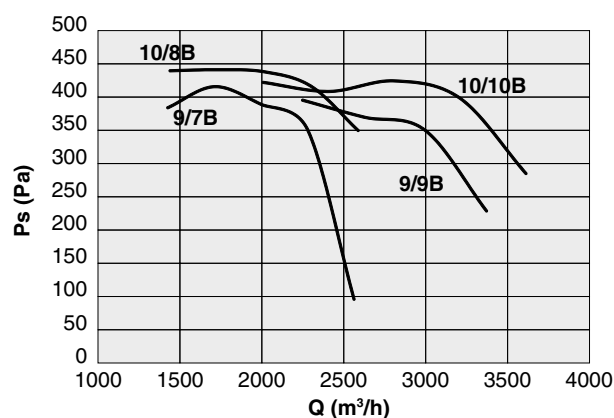
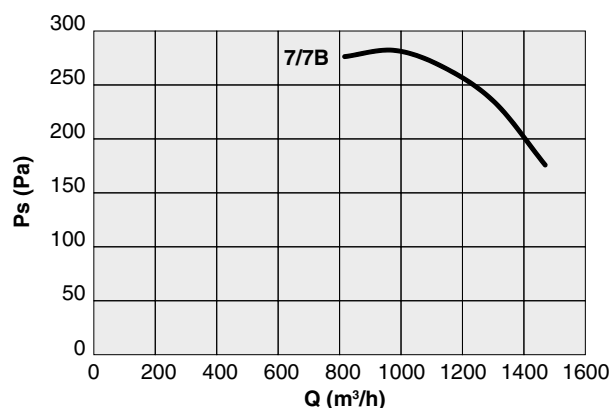
**Lw** Livello di potenza sonora ottenuto secondo norma ISO 3746.  
Tolleranza +/- 3 dB(A).  
Sound power level obtained in accordance with EN ISO 3746.  
Tolerance +/- 3 dB(A).

## DA 4 poli | poles

| Code    | Tipo Type | Modello Model | U | rpm  | Pm (kW) | In (A) | IP/CL |
|---------|-----------|---------------|---|------|---------|--------|-------|
| 1DA0074 |           | 7/7 B         | M | 1360 | 0.15    | 1.20   | 44/F  |
| 1DA0013 |           | 9/7 B         | M | 1360 | 0.37    | 3.60   | 20/F  |
| 1DA0076 |           | 9/9 B         | M | 1380 | 0.55    | 4.40   | 20/F  |
| 1DA0072 |           | 10/8 B        | M | 1360 | 0.37    | 3.60   | 20/F  |
| 1DA0024 |           | 10/10 B       | M | 1360 | 0.55    | 4.60   | 20/F  |

### LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz      | P | dB(A)<br>1,5 mt | L    |      |      |      |      |      |      |      | TOT |
|---------|---|-----------------|------|------|------|------|------|------|------|------|-----|
|         |   |                 | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |     |
| 7/7 B   | M | Lw              | 50   | 55.5 | 61.5 | 67.5 | 73   | 71.5 | 69   | 61.5 | 77  |
|         |   | Lp              | 35.5 | 41   | 47   | 53   | 58.5 | 57   | 54.5 | 47   | 63  |
| 9/7 B   | M | Lw              | 47.5 | 59.5 | 68   | 73.5 | 77   | 75   | 71   | 61   | 81  |
|         |   | Lp              | 33   | 45   | 53.5 | 59   | 62.5 | 60.5 | 56.5 | 46.5 | 66  |
| 9/9 B   | M | Lw              | 53   | 63   | 71.5 | 74.5 | 80   | 78.5 | 75.5 | 66.5 | 84  |
|         |   | Lp              | 38.5 | 48.5 | 57   | 60   | 65.5 | 64   | 61   | 52   | 70  |
| 10/8 B  | M | Lw              | 47.5 | 56.5 | 64.5 | 69   | 74.5 | 74   | 71.5 | 63   | 79  |
|         |   | Lp              | 33   | 42   | 50   | 54.5 | 60   | 59.5 | 57   | 48.5 | 65  |
| 10/10 B | M | Lw              | 52   | 63.5 | 69.5 | 71.5 | 76.5 | 75.5 | 72.5 | 64.5 | 81  |
|         |   | Lp              | 37.5 | 49   | 55   | 57   | 62   | 61   | 58   | 50   | 66  |



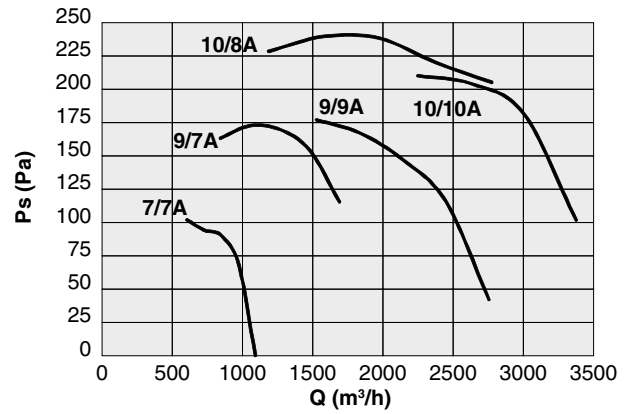
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## DA 6 poli Monofase | 6 poles Single phase

| Code    | Tipo Type | Modello Model | U | rpm | Pm (kW) | In (A) | IP/CL |
|---------|-----------|---------------|---|-----|---------|--------|-------|
| 1DA0070 |           | 7/7 A         | M | 900 | 0.07    | 0.60   | 20/F  |
| 1DA0075 |           | 9/7 A         | M | 900 | 0.20    | 1.50   | 55/F  |
| 1DA0081 | DA        | 9/9 A         | M | 920 | 0.20    | 1.80   | 55/F  |
| 1DA0077 |           | 10/8 A        | M | 900 | 0.37    | 3.60   | 20/F  |
| 1DA0098 |           | 10/10 A       | M | 900 | 0.24    | 3.10   | 44/F  |

### LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz      | P | dB(A) 1,5 mt | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 | TOT |
|---------|---|--------------|------|------|------|------|------|------|------|------|-----|
| 7/7 A   | M | Lw           | 38   | 44.5 | 51   | 57.5 | 63.5 | 61.5 | 58   | 52   | 67  |
|         |   | Lp           | 23.5 | 30   | 36.5 | 43   | 49   | 47   | 43.5 | 37.5 | 53  |
| 9/7 A   | M | Lw           | 36.5 | 47.5 | 58.5 | 64.5 | 68   | 66   | 62   | 54.5 | 72  |
|         |   | Lp           | 22   | 33   | 44   | 50   | 53.5 | 51.5 | 47.5 | 40   | 57  |
| 9/9 A   | M | Lw           | 44.5 | 54   | 64   | 69.5 | 73   | 71   | 66.5 | 58.5 | 77  |
|         |   | Lp           | 30   | 39.5 | 49.5 | 55   | 58.5 | 56.5 | 52   | 44   | 62  |
| 10/8 A  | M | Lw           | 47   | 58   | 66.5 | 73.5 | 77   | 77   | 74   | 67   | 82  |
|         |   | Lp           | 32.5 | 43.5 | 52   | 59   | 62.5 | 62.5 | 59.5 | 52.5 | 67  |
| 10/10 A | M | Lw           | 45.5 | 56   | 63.5 | 69.5 | 74   | 72.5 | 69   | 62   | 78  |
|         |   | Lp           | 31   | 41.5 | 49   | 55   | 59.5 | 58   | 54.5 | 47.5 | 64  |

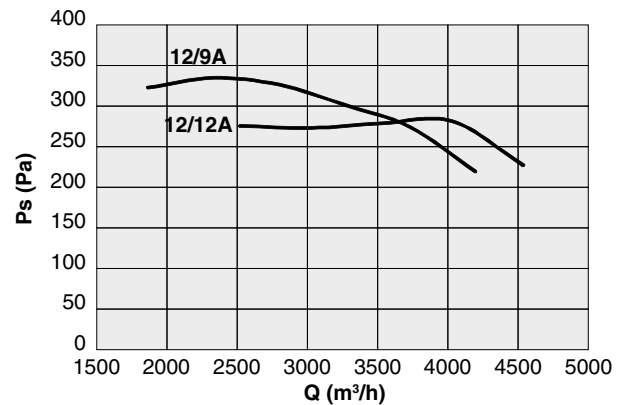


## DA 6 poli Monofase | 6 poles Single phase

| Code    | Tipo Type | Modello Model | U | rpm | Pm (kW) | In (A) | IP/CL |
|---------|-----------|---------------|---|-----|---------|--------|-------|
| 1DA0097 | DA        | 12/9 A        | M | 900 | 0.74    | 7.60   | 44/F  |
| 1DA0096 |           | 12/12 A       | M | 920 | 0.74    | 6.00   | 44/F  |

### LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz      | P | dB(A) 1,5 mt | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 | TOT |
|---------|---|--------------|------|------|------|------|------|------|------|------|-----|
| 12/9 A  | M | Lw           | 48   | 62   | 65.5 | 70   | 73   | 74.5 | 15   | 64   | 78  |
|         |   | Lp           | 33.5 | 47.5 | 51   | 55.5 | 58.5 | 60   | 0.5  | 49.5 | 64  |
| 12/12 A | M | Lw           | 49   | 61   | 66   | 73.5 | 73.5 | 74.5 | 71.5 | 64.5 | 80  |
|         |   | Lp           | 34.5 | 46.5 | 51.5 | 59   | 59   | 60   | 57   | 50   | 65  |

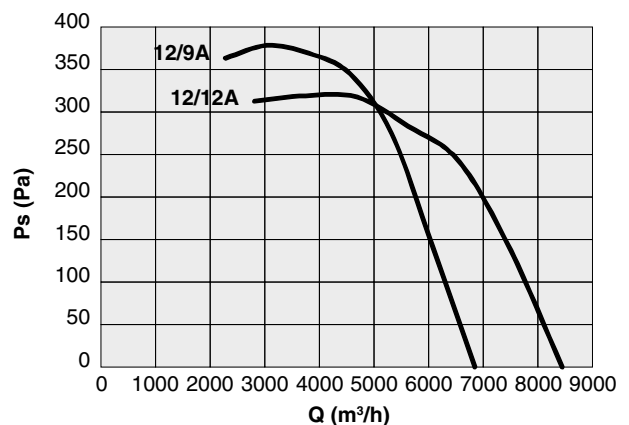


## DA 6 poli Trifase | 6 poles Three phase

| Code    | Tipo Type | Modello Model | U | rpm | Pm (kW) | In (A)    | IP/CL |
|---------|-----------|---------------|---|-----|---------|-----------|-------|
| 1DA0021 | DA        | 12/9 A        | T | 900 | 1.10    | 7/4.1     | 20/F  |
| 1DA0023 | DA        | 12/12 A       | T | 920 | 1.10    | 8.25/4.75 | 20/F  |

### LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz      | P | dB(A) 1,5 mt | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 | TOT |
|---------|---|--------------|------|------|------|------|------|------|------|------|-----|
| 12/9 A  | T | Lw           | 57   | 71   | 74.5 | 79   | 82   | 83.5 | 80   | 73   | 88  |
|         |   | Lp           | 42.5 | 56.5 | 60   | 64.5 | 67.5 | 69   | 65.5 | 58.5 | 73  |
| 12/12 A | T | Lw           | 60   | 72   | 77   | 84.5 | 84.5 | 85.5 | 82.5 | 75.5 | 91  |
|         |   | Lp           | 45.5 | 57.5 | 62.5 | 70   | 70   | 71   | 68   | 61   | 76  |

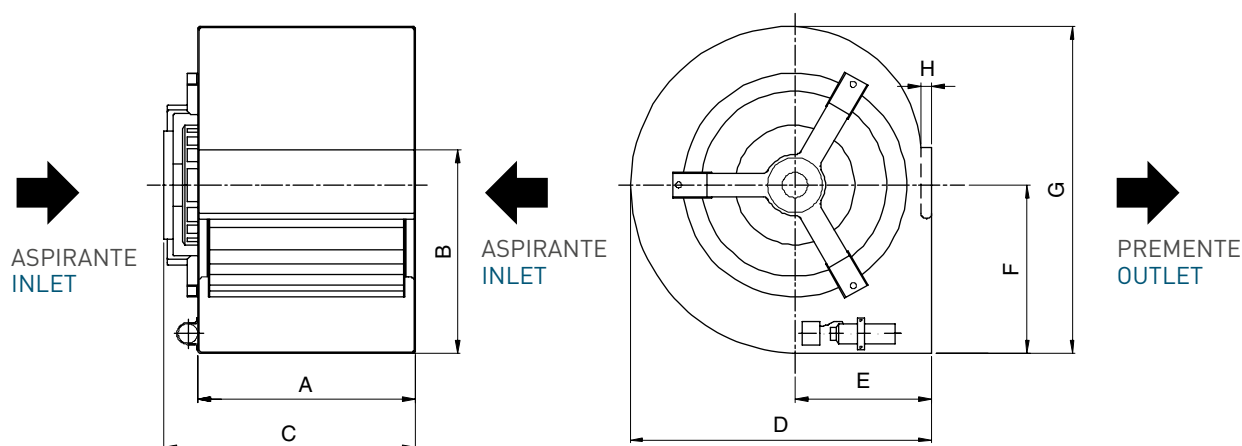


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DA aspiratori | fans

# DIMENSIONI | DIMENSIONS mm

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## DA

| Tipo   Type  | A   | B   | C   | D   | E   | F   | G   | H  | Kg   |
|--------------|-----|-----|-----|-----|-----|-----|-----|----|------|
| DA 7/7 A     | 233 | 207 | 270 | 308 | 145 | 187 | 327 | 27 | 6.7  |
| DA 7/7 B     | 233 | 207 | 296 | 309 | 145 | 188 | 328 | 27 | 6.9  |
| DA 9/7 A     | 233 | 260 | 316 | 381 | 184 | 221 | 390 | 36 | 13.5 |
| DA 9/7 B     | 234 | 260 | 305 | 381 | 184 | 221 | 390 | 36 | 11.7 |
| DA 9/9 A     | 300 | 260 | 382 | 381 | 184 | 221 | 390 | 36 | 14   |
| DA 9/9 B     | 300 | 260 | 371 | 381 | 184 | 221 | 390 | 36 | 13.7 |
| DA 10/8 A    | 267 | 288 | 322 | 423 | 200 | 249 | 443 | 36 | 13.5 |
| DA 10/8 B    | 267 | 288 | 322 | 423 | 200 | 249 | 443 | 36 | 13.5 |
| DA 10/10 A   | 333 | 288 | 377 | 423 | 200 | 249 | 443 | 36 | 15.4 |
| DA 10/10 B   | 333 | 288 | 383 | 423 | 200 | 249 | 443 | 36 | 15.9 |
| DA 12/9 A M  | 311 | 341 | 419 | 490 | 229 | 293 | 521 | 40 | 24.2 |
| DA 12/9 A T  | 311 | 341 | 419 | 493 | 229 | 293 | 524 | 40 | 24.5 |
| DA 12/12 A M | 396 | 341 | 459 | 490 | 229 | 293 | 521 | 40 | 26.5 |
| DA 12/12 A T | 396 | 341 | 460 | 493 | 229 | 293 | 521 | 40 | 28.6 |

Pesi indicativi | Indicative weights

## ORIENTAMENTO | DISCHARGE ANGLE

| Forma   Form                | 0° | 90° | 180° | 270° |
|-----------------------------|----|-----|------|------|
| Rotazione<br>Rotation<br>LG |    |     |      |      |

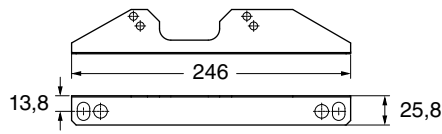
N.B.: Orientamenti possibili utilizzando le staffe di fissaggio  
 Figures available using the fixing feet

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DA aspiratori | fans

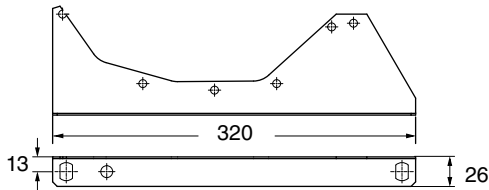


## STAFFE DI FISSAGGIO | FIXING FEET



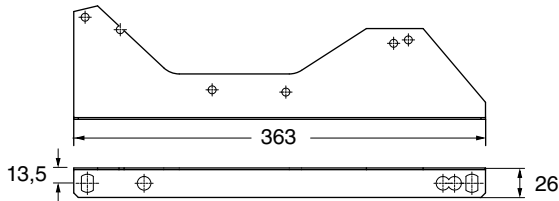
DA 7 RE

| Code    | Tipo   Type |
|---------|-------------|
| 5PI2980 | DA 7/7 A    |
| 5PI2991 | DA 7/7 B    |



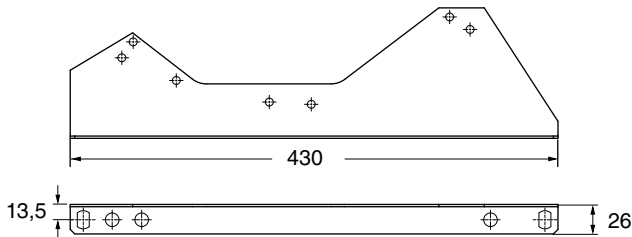
DA 9 RE

|         |          |
|---------|----------|
| 5PI2995 | DA 9/7 A |
|         | DA 9/9 A |
| 5PI2987 | DA 9/7 B |
|         | DA 9/9 B |



DA 10 RE

|         |            |
|---------|------------|
| 5PI2988 | DA 10/8 A  |
|         | DA 10/8 B  |
|         | DA 10/10 A |
|         | DA 10/10 B |



DA 12 RE

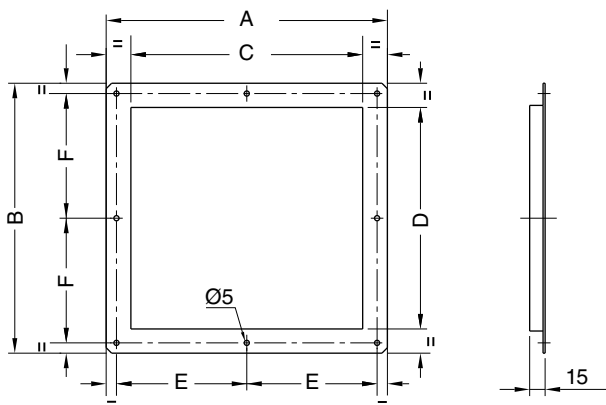
|         |              |
|---------|--------------|
| 5PI2992 | DA 12/9 A M  |
|         | DA 12/9 A T  |
|         | DA 12/12 A M |
|         | DA 12/12 A T |

Dimensioni in mm | Dimensions in mm

## FLANGIA PREMENTE | OUTLET FLANGE

La flangia viene montata sulla bocca premente del ventilatore e consente la connessione con la canalizzazione.

The flange is fitted on fan outlet and allows an easier connection to the duct.



| Code    | Tipo   Type | A   | B   | C   | D   | E     | F   |
|---------|-------------|-----|-----|-----|-----|-------|-----|
| 5B00100 | 7/7         | 273 | 262 | 225 | 215 | 126.5 | 121 |
| 5B00106 | 9/7         | 273 | 300 | 225 | 253 | 126.5 | 140 |
| 5B00109 | 9/9         | 340 | 300 | 292 | 253 | 160   | 140 |
| 5B00112 | 10/8        | 317 | 340 | 260 | 282 | 146.5 | 158 |
| 5B00115 | 10/10       | 383 | 340 | 326 | 282 | 179.5 | 158 |
| 5B00118 | 12/9        | 365 | 395 | 304 | 333 | 170.5 | 187 |
| 5B00121 | 12/12       | 450 | 395 | 388 | 333 | 213   | 187 |

Dimensioni in mm | Dimensions in mm