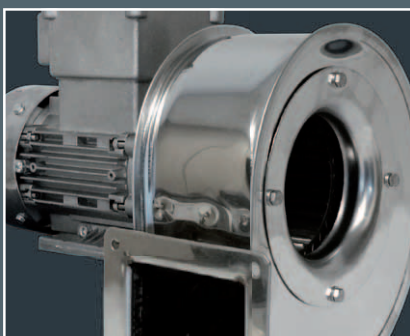
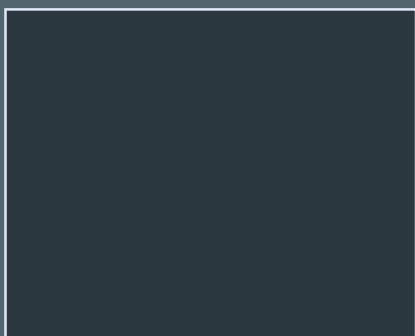




## Настенные осевые вентиляторы серии QCS

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La serie non rientra nel campo di applicazione della Direttiva ErP 2009/125/CE e successivi Regolamenti.

*The series is not affected by the ErP Directive 2009/125/CE and further Regulations.*

### DESCRIZIONE GENERALE

I ventilatori della serie QCS sono adatti per la ventilazione, con fissaggio a parete, di piccoli ambienti civili e industriali quali: uffici, laboratori, negozi, ecc. La caratteristica peculiare di questa serie, composta da 4 modelli, è l'economicità. Adatti a convogliare aria pulita nell'intervallo di temperatura da -10°C a +40°C.

### COSTRUZIONE

- Telaio portante in lamiera zincata stampato e imbutito, con ampio raggio in aspirazione.
- Girante in alluminio stampato, opportunamente sagomata per garantire il massimo rendimento aeraulico.
- Esecuzione 5 (accoppiamento diretto con girante a sbalzo). Flusso dell'aria da motore a girante
- Rete di protezione lato motore, in tondino d'acciaio trafilato e verniciato. Realizzata a norme UNI EN ISO 12499.
- Motore a poli schermati, monofase, IP20, classe B, con cavo d'alimentazione e protezione termica incorporata. Servizio S1 (funzionamento continuo a carico costante).

### ACCESSORI

- Serranda a gravità (S).
- Distanziatore realizzato in lamiera verniciata a polveri epossipoliesteriche (D).
- Rete di protezione lato girante, realizzata a norme UNI EN ISO 12499 e protetta contro gli agenti atmosferici (R).

### GENERAL DESCRIPTION

The fans of the QCS series are suitable, by wall or panel mounting, for ventilation of premises, offices, laboratories, shops, etc.

Available in 4 models, the main characteristic of this series is the competitive price. Suitable to convey clean air in the temperature range -10°C +40°C.

### CONSTRUCTION

- Supporting frame in drawn steel sheet, with wide radius inlet cone, epoxy coated.
- Impeller in drawn aluminium, properly shaped to grant the maximum efficiency.
- Execution 5 (direct coupling motor/impeller). Air-flow from motor to impeller.
- Inlet protection guard in steel painted rod, manufactured according to norms UNI 12499 and weatherproof.
- Shielded pole motor, single-phase, IP20, class B, with supply cable and built-in thermal protection. Service S1 (continuous working to constant load).

### ACCESSORIES

- Gravity shutter (S).
- Spacer manufactured in epoxy painted steel sheet (D).
- Impeller side protection guard manufactured according to UNI ISO 12499 rules and protected against atmospheric agents (R).

Abbinamento a regolatori di velocità / *Speed regulators pairing* - Pag. 302

Collegamenti elettrici / *Wiring diagrams* - Pag. 320

## PRESTAZIONI Performance

## QCS

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/m³. Alimentazione 230V/1Ph/50Hz. Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m³ specific weight. Power supply 230V/1Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, in propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 3 metri dal lato aspirazione e si presenta solo per fini comparativi.

**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

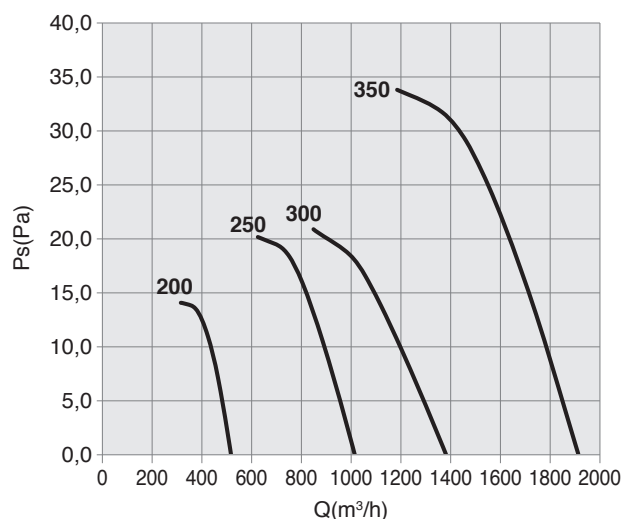
**Lp:** Sound pressure level measured in free field conditions, in hemispherical propagation, measurement category C in accordance with EN ISO13349, at the point of maximum efficiency, at a distance of 3 meters from inlet side (for comparative purposes only).

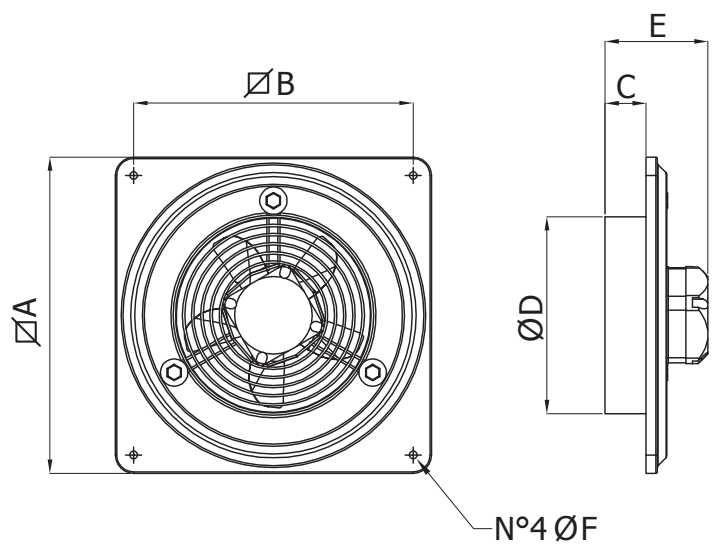
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

| QCS     |           |               |   |   |         |        |       |  |
|---------|-----------|---------------|---|---|---------|--------|-------|--|
| Cod.    | Tipo Type | Modello Model | U | P | Pm (kW) | In (A) | IP/CL |  |
| 1QC2078 | QCS       | 200           | M | 4 | 0,36    | 0,25   | 20/B  |  |
| 1QC2594 | QCS       | 250           | M | 4 | 0,60    | 0,42   | 20/B  |  |
| 1QC3228 | QCS       | 300           | M | 4 | 0,60    | 0,42   | 20/B  |  |
| 1QC3619 | QCS       | 350           | M | 4 | 0,12    | 0,76   | 20/B  |  |

| Livelli sonori - Sound levels / dB(A) |      |      |      |      |      |      |      |      |      |
|---------------------------------------|------|------|------|------|------|------|------|------|------|
| [Hz]                                  | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 | TOT  |
| QCS 200 Lw                            | 23,7 | 43,7 | 41,7 | 50,7 | 51,2 | 46,7 | 38,7 | 30,7 | 55,4 |
| QCS 200 Lp                            | 6,2  | 26,2 | 24,2 | 33,2 | 33,7 | 29,2 | 21,2 | 13,2 | 37,9 |
| QCS 250 Lw                            | 33,7 | 40,7 | 43,7 | 48,7 | 49,2 | 50,7 | 43,7 | 33,7 | 55,3 |
| QCS 250 Lp                            | 16,2 | 23,2 | 26,2 | 31,2 | 31,7 | 33,2 | 26,2 | 16,2 | 37,8 |
| QCS 300 Lw                            | 30,7 | 39,7 | 50,7 | 54,7 | 63,7 | 60   | 44,7 | 38,7 | 65,8 |
| QCS 300 Lp                            | 13,2 | 22,2 | 33,2 | 37,2 | 46,2 | 42,5 | 27,2 | 21,2 | 48,3 |
| QCS 350 Lw                            | 35,7 | 47,7 | 54,7 | 60,7 | 69,4 | 65,7 | 52,7 | 41,7 | 71,5 |
| QCS 350 Lp                            | 18,2 | 30,2 | 37,2 | 43,2 | 51,9 | 48,2 | 35,2 | 24,2 | 54,0 |





sez.  
**1.2**

| TIPO / TYPE    | A   | B   | C  | $\varnothing D$ | E   | $\varnothing F$ | Kg* |
|----------------|-----|-----|----|-----------------|-----|-----------------|-----|
| <b>QCS 200</b> | 345 | 305 | 44 | 215             | 110 | 8,5             | 3,2 |
| <b>QCS 250</b> | 400 | 350 | 57 | 265             | 125 | 8,5             | 4   |
| <b>QCS 300</b> | 465 | 405 | 77 | 315             | 145 | 10              | 5,6 |
| <b>QCS 350</b> | 525 | 465 | 90 | 365             | 180 | 10              | 7,4 |

Dimensioni in mm / *Dimensions in mm*  
\*Pesi indicativi / *Indicative weights*

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