



FCP - Flusso orizzontale  
Horizontal discharge



FCP V - Flusso verticale  
Vertical discharge

ErP 125/2009/CE



UE 1253/2014

#### Conformi

Direttiva ErP 125/2009/CE  
e al Regolamento UE 1253/2014

#### Comply

ErP Directive 125/2009/CE  
and EU Regulation 1253/2014



Basso consumo energetico  
grazie alla **tecnologia EC**  
Low energy consumption  
thanks to **EC technology**

## VERSIONI | VERSIONS



### FCP - FCP V

Versione con motorizzazione AC  
per aria standard con temperatura  
da -20°C a +80°C

Version with AC motor for standard  
air temperature from -20°C to +80°C



### FCP ATEX - FCP V ATEX

Versione antideflagrante secondo la  
Direttiva 2014/34/UE  
Explosion-proof version according to  
Directive 2014/34/UE

# FCP - FCP V EC

## Torrini centrifughi ad alte prestazioni High performance centrifugal roof fans



### DESCRIZIONE

I torrini d'estrazione centrifughi delle serie FCP EC (flusso orizzontale) e FCP V EC (flusso verticale) sono destinati all'aspirazione, diretta o canalizzata, nelle più svariate applicazioni civili, industriali e commerciali. Caratterizzati da una notevole semplicità d'installazione, si distinguono per l'elevata silenziosità ed efficienza ed un notevole risparmio energetico garantito dai motori EC. Il motore è separato dal flusso d'aria convogliato, questo permette di poter aspirare aria pulita o leggermente polverosa con temperatura da -20°C a +80°C.

### COSTRUZIONE

- Telaio di base in lamiera d'acciaio zincato.
- Rete di protezione in filo d'acciaio trafilato e protetto contro gli agenti atmosferici fino al modello 350. I restanti modelli sono in lamiera zincata microstirata quadra e protetta contro gli agenti atmosferici. Realizzata a norme EN ISO 12499.
- Girante a pale rovesce autopulenti, ad alto rendimento aeraulico e bassa rumorosità, in lamiera zincata, bilanciata staticamente e dinamicamente secondo ISO 21940-11:2017.
- Copertura in ABS con idonee feritoie per il corretto raffreddamento del motore.
- FCP V: Motorizzatore in ABS.
- Regolatore di tensione RV EC 0-10V in dotazione.

### MOTORE

Motori sincroni a magneti permanenti con driver (inverter) integrato conformi agli standard IEC60034-30-2-2016 che garantiscono una efficienza oltre i valori IE5 e un importante risparmio di energia (>30%) e quindi minori emissioni di CO2 nell'ambiente. Grado di protezione IP55. Temperatura ambiente -20°C +40°C. Controllo di velocità tramite il collegamento diretto a regolatore 0-10V, MODBUS o inverter. Idoneo ad un servizio S1.

### ACCESSORI

- CB - Controbase a murare
- CCr | CCrz - Reti di protezione
- PBZ - Base di appoggio silenziosa
- GRZ - Silenziatori sezione quadrata
- CCsa/b - Silenziatori circolari
- CCbo - Boccaglio
- CCf - Controflangia piana
- CCfc - Controflangia con collare
- RAZ - Piastra di raccordo
- CCda - Serranda di non ritorno
- CCga - Giunto flessibile.

### DESCRIPTION

The centrifugal roof fans of the FCP (horizontal discharge) and FCP V EC (vertical discharge) series are designed for direct or ducted ventilation in residential, commercial and industrial buildings. They are designed for easy installation, low noise level and high efficiency due to EC motors. The motor is separated from the air flow, this allows the fan to exhaust clean or slightly dusty air with temperature from -20°C to +80°C.

### CONSTRUCTION

- Base frame in galvanized steel sheet.
- Protection guard in drawn steel wire protected against the atmospheric agents, up to model 350. The remaining models are in square micro-pressed steel sheet.
- Manufactured according to EN ISO 12499.
- Backward curved wheel in galvanized steel sheet, with high efficiency and low noise level, statically and dynamically balanced according to ISO 21940-11:2017.
- Upper cover in ABS, with appropriate slots for motor cooling
- ABS conveyor on FCP V
- Supplied with tension regulator RV EC 0-10V.

### MOTOR

Permanent-magnet synchronous motors with integrated driver (inverter) complying with IEC60034-30-2-2016 standards that ensure efficiency beyond IE5 values and significant energy savings (>30%) and thus lower CO2 emissions to the environment. IP55 degree of protection. Ambient temperature -20°C +40°C. Speed control by direct connection to 0-10V controller, MODBUS or inverter. Suitable for S1 service.

### ACCESSORIES

- CB - Counterbase to wall up
- CCr/CCrz - Protection guards
- PBZ - Silenced purlin box
- GRZ - Squared silencers
- CCsa/b - Circular silencers
- CCbo - inlet cone
- CCf - Flat counterflange
- CCfc - Counterflange with collar
- RAZ - Connecting plate
- CCda - Backdraught damper
- CCga - Flexible antivibration connector.

# PRESTAZIONI | PERFORMANCE

FCP | FCP V EC

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.  
Il livello di potenza sonora è ottenuto secondo la norma AMCA 300-08  
Installazione C.  
Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Air performances are measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m³ specific weight.  
The sound power level is obtained according to AMCA 300-08  
Installation C.  
Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz

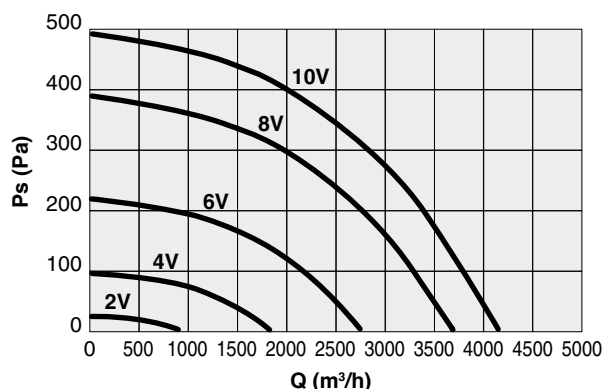
| U - M/T                                                                           | P                                                                                  | Pm (kW)                                          | In (A)                                                   | IP/CL                                                                                            | Mot. (Gr)                         | Lp/Lw (dBA)                                                                     | Ps (Pa)                                 | Q (m³/h)                                    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------|
| Alimentazione elettrica<br>Monofase/Trifase<br>Power supply<br>Single/Three-phase | N° di poli motore<br>N° of motor poles<br>(RPM: 2p-3000 4p-1500<br>6p-1000 8p-750) | Potenza<br>nominale motore<br>Motor power rating | Corrente nominale<br>a pieno carico<br>Full load current | Grado di protezione<br>motore/Classe di isolamento<br>Motor protection<br>grade/Insulation class | Grandezza<br>motore<br>Motor size | Livello di pressione<br>e potenza sonora<br>Sound pressure<br>and volume levels | Pressione<br>statica<br>Static pressure | Portata<br>volumetrica<br>Airflow<br>volume |

## FCP - FCP V EC 350

| Code    | Tipo<br>Type | Modello<br>Model | U | Pm<br>(kW) | In<br>(A) | IP/CL | IE3 | Mot.<br>(Gr) |
|---------|--------------|------------------|---|------------|-----------|-------|-----|--------------|
| 1FC1352 | FCP EC       | 350              | M | 0.60       | 4         | 55/F  | -   | 71           |
| 1FV1352 | FCP V EC     |                  | M | 0.60       | 4         | 55/F  | -   | 71           |

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

| Hz  | rpm   | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|-------|----|-----|-----|-----|------|------|------|------|-----|
| 350 | 1.800 | Lw | 51  | 75  | 77  | 80   | 81   | 78   | 77   | 86  |
|     |       | Lp | 39  | 63  | 65  | 68   | 69   | 66   | 65   | 74  |
|     |       |    |     |     |     |      |      |      |      |     |

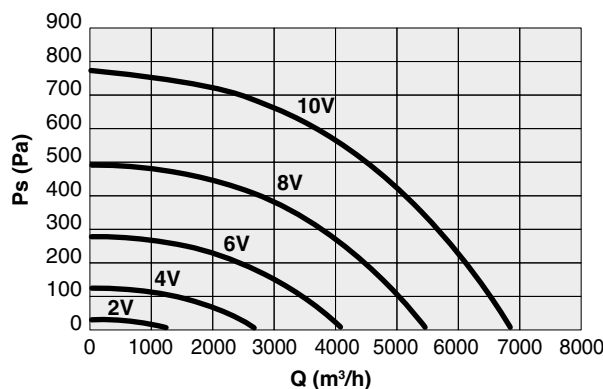


## FCP - FCP V EC 400

| Code    | Tipo<br>Type | Modello<br>Model | U | Pm<br>(kW) | In<br>(A) | IP/CL | IE3 | Mot.<br>(Gr) |
|---------|--------------|------------------|---|------------|-----------|-------|-----|--------------|
| 1FC1402 | FCP EC       | 400              | M | 1.6        | 10.6      | 55/F  | ✓   | 90           |
| 1FV1402 | FCP V EC     |                  | M | 1.6        | 10.6      | 55/F  | ✓   | 90           |

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

| Hz  | rpm   | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|-------|----|-----|-----|-----|------|------|------|------|-----|
| 400 | 1.800 | Lw | 53  | 79  | 82  | 84   | 84   | 79   | 81   | 90  |
|     |       | Lp | 41  | 67  | 70  | 72   | 72   | 67   | 69   | 78  |
|     |       |    |     |     |     |      |      |      |      |     |

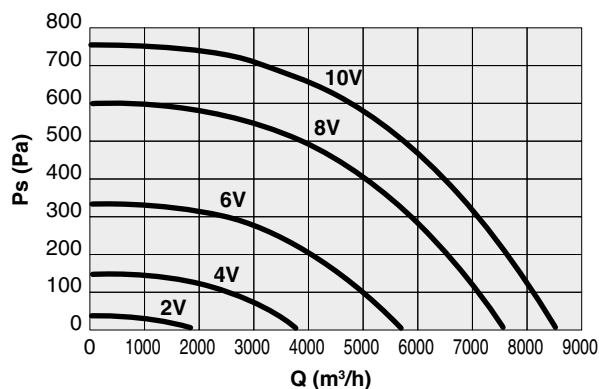


## FCP - FCP V EC 450

| Code    | Tipo<br>Type | Modello<br>Model | U | Pm<br>(kW) | In<br>(A) | IP/CL | IE3 | Mot.<br>(Gr) |
|---------|--------------|------------------|---|------------|-----------|-------|-----|--------------|
| 1FC1452 | FCP EC       | 450              | M | 1.3        | 8.8       | 55/F  | ✓   | 90           |
| 1FV1452 | FCP V EC     |                  | M | 1.3        | 8.8       | 55/F  | ✓   | 90           |

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

| Hz  | rpm   | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|-------|----|-----|-----|-----|------|------|------|------|-----|
| 450 | 1.800 | Lw | 56  | 82  | 86  | 89   | 89   | 84   | 86   | 95  |
|     |       | Lp | 44  | 70  | 74  | 77   | 77   | 72   | 74   | 83  |
|     |       |    |     |     |     |      |      |      |      |     |



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FCP EC | FCP V EC torrini | roof

# PRESTAZIONI | PERFORMANCE

FCP | FCP V EC

## U - M/T

Alimentazione elettrica  
Monofase/Trifase  
Power supply  
Single/Three-phase

## P

N° di poli motore  
N° of motor poles  
(RPM: 2p=3000 4p=1500  
6p=1000 8p=750)

## Pm (kW)

Potenza  
nominale motore  
Motor power rating

## In (A)

Corrente nominale  
a pieno carico  
Full load current

## IP/CL

Grado di protezione  
motore/Classe di isolamento  
Motor protection  
grade/Insulation class

## Mot. (Gr)

Grandezza  
motore  
Motor size

## Lp/Lw (dBA)

Livello di pressione  
e potenza sonora  
Sound pressure  
and volume levels

## Ps (Pa)

Pressione  
statica  
Static pressure

## Q (m³/h)

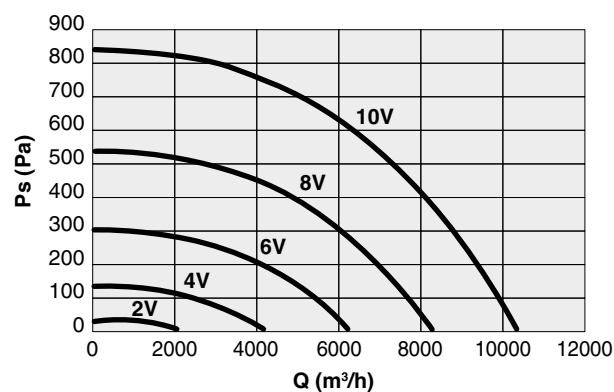
Portata  
volumetrica  
Airflow  
volume

## FCP - FCP V EC 500

| Code    | Tipo<br>Type | Modello<br>Model | U | Pm<br>(kW) | In<br>(A) | IP/CL | IE3 | Mot.<br>(Gr) |
|---------|--------------|------------------|---|------------|-----------|-------|-----|--------------|
| 1FC1504 | FCP EC       | 500              | T | 2.6        | 4.39      | 55/F  | ✓   | 100          |
| 1FV1504 | FCP V EC     |                  | T | 2.6        | 4.39      | 55/F  | ✓   | 100          |

## LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz  | rpm   | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|-------|----|-----|-----|-----|------|------|------|------|-----|
| 500 | 1.800 | Lw | 57  | 83  | 87  | 90   | 91   | 86   | 87   | 96  |
|     |       | Lp | 45  | 71  | 75  | 78   | 79   | 74   | 75   | 84  |
|     |       |    |     |     |     |      |      |      |      |     |

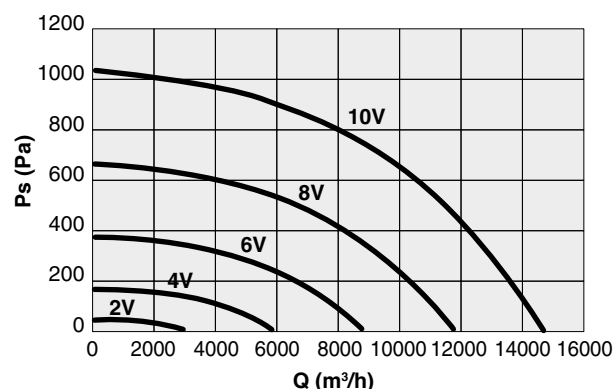


## FCP - FCP V EC 560

| Code    | Tipo<br>Type | Modello<br>Model | U | Pm<br>(kW) | In<br>(A) | IP/CL | IE3 | Mot.<br>(Gr) |
|---------|--------------|------------------|---|------------|-----------|-------|-----|--------------|
| 1FC1562 | FCP EC       | 560              | T | 3.5        | 5.9       | 55/F  | ✓   | 100          |
| 1FV1562 | FCP V EC     |                  | T | 3.5        | 5.9       | 55/F  | ✓   | 100          |

## LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz  | rpm   | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|-------|----|-----|-----|-----|------|------|------|------|-----|
| 560 | 1.800 | Lw | 69  | 90  | 89  | 92   | 92   | 85   | 78   | 99  |
|     |       | Lp | 57  | 78  | 77  | 80   | 80   | 81   | 73   | 87  |
|     |       |    |     |     |     |      |      |      |      |     |

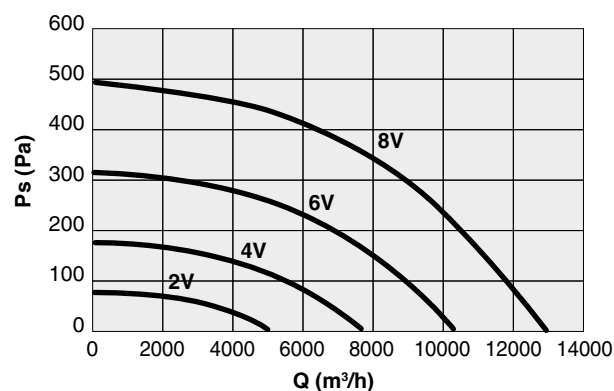


## FCP - FCP V EC 630

| Code    | Tipo<br>Type | Modello<br>Model | U | Pm<br>(kW) | In<br>(A) | IP/CL | IE3 | Mot.<br>(Gr) |
|---------|--------------|------------------|---|------------|-----------|-------|-----|--------------|
| 1FC1634 | FCP EC       | 630              | M | 1.3        | 8.8       | 55/F  | ✓   | 90           |
| 1FV1634 | FCP V EC     |                  | M | 1.3        | 8.8       | 55/F  | ✓   | 90           |

## LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz  | rpm   | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|-------|----|-----|-----|-----|------|------|------|------|-----|
| 360 | 1.800 | Lw | 59  | 80  | 82  | 85   | 82   | 83   | 80   | 90  |
|     |       | Lp | 47  | 68  | 70  | 73   | 70   | 71   | 68   | 78  |
|     |       |    |     |     |     |      |      |      |      |     |



# PRESTAZIONI | PERFORMANCE

FCP | FCP V EC 

**U - M/T**  
Alimentazione elettrica  
Monofase/Trifase  
Power supply  
Single/Three-phase

**P**  
N° di poli motore  
N° of motor poles  
(RPM: 2p=3000 4p=1500  
6p=1000 8p=750)

**Pm (kW)**  
Potenza  
nominale motore  
Motor power rating

**In (A)**  
Corrente nominale  
a pieno carico  
Full load current

**IP/CL**  
Grado di protezione  
motore/Classe di isolamento  
Motor protection  
grade/Insulation class

**Mot. (Gr)**  
Grandezza  
motore  
Motor size

**Lp/Lw (dBA)**  
Livello di pressione  
e potenza sonora  
Sound pressure  
and volume levels

**Ps (Pa)**  
Pressione  
statica  
Static pressure

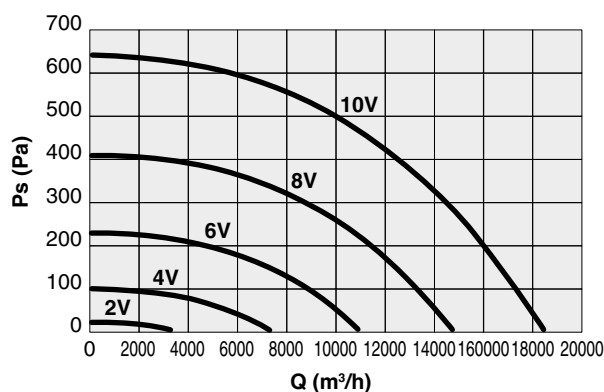
**Q (m³/h)**  
Portata  
volumetrica  
Airflow  
volume

## FCP - FCP V EC 750

| Code    | Tipo<br>Type | Modello<br>Model | U | Pm<br>(kW) | In<br>(A) | IP/CL | IE3 | Mot.<br>(Gr) |
|---------|--------------|------------------|---|------------|-----------|-------|-----|--------------|
| 1FC1753 | FCP EC       | 750              | T | 5.5        | 10.3      | 55/F  | ✓   | 132          |
| 1FV1753 | FCP V EC     |                  | T | 5.5        | 10.3      | 55/F  | ✓   | 132          |

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

| Hz  | rpm   | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|-------|----|-----|-----|-----|------|------|------|------|-----|
| 750 | 1.800 | Lw | 67  | 82  | 84  | 87   | 87   | 89   | 76   | 69  |
|     |       | Lp | 55  | 70  | 72  | 75   | 75   | 77   | 64   | 57  |
|     |       |    |     |     |     |      |      |      |      |     |

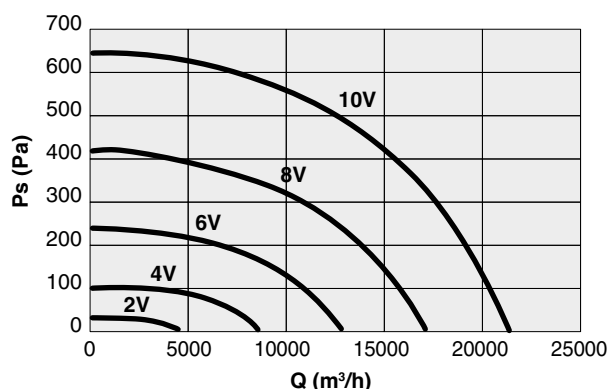


## FCP - FCP V EC 800

| Code    | Tipo<br>Type | Modello<br>Model | U | Pm<br>(kW) | In<br>(A) | IP/CL | IE3 | Mot.<br>(Gr) |
|---------|--------------|------------------|---|------------|-----------|-------|-----|--------------|
| 1FC1802 | FCP EC       | 800              | T | 5.5        | 10.3      | 55/F  | ✓   | 132          |
| 1FV1802 | FCP V EC     |                  | T | 5.5        | 10.3      | 55/F  | ✓   | 132          |

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

| Hz  | rpm   | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|-------|----|-----|-----|-----|------|------|------|------|-----|
| 800 | 1.800 | Lw | 68  | 83  | 85  | 88   | 88   | 90   | 77   | 70  |
|     |       | Lp | 56  | 71  | 73  | 76   | 76   | 78   | 65   | 58  |
|     |       |    |     |     |     |      |      |      |      |     |

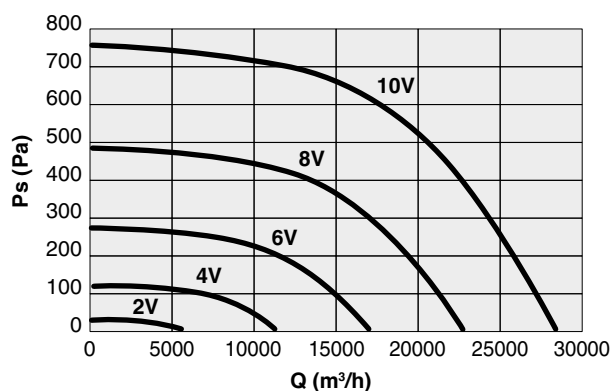


## FCP - FCP V EC 900

| Code    | Tipo<br>Type | Modello<br>Model | U | Pm<br>(kW) | In<br>(A) | IP/CL | IE3 | Mot.<br>(Gr) |
|---------|--------------|------------------|---|------------|-----------|-------|-----|--------------|
| 1FC1902 | FCP EC       | 900              | T | 5.5        | 10.3      | 55/F  | ✓   | 132          |
| 1FV1902 | FCP V EC     |                  | T | 5.5        | 10.3      | 55/F  | ✓   | 132          |

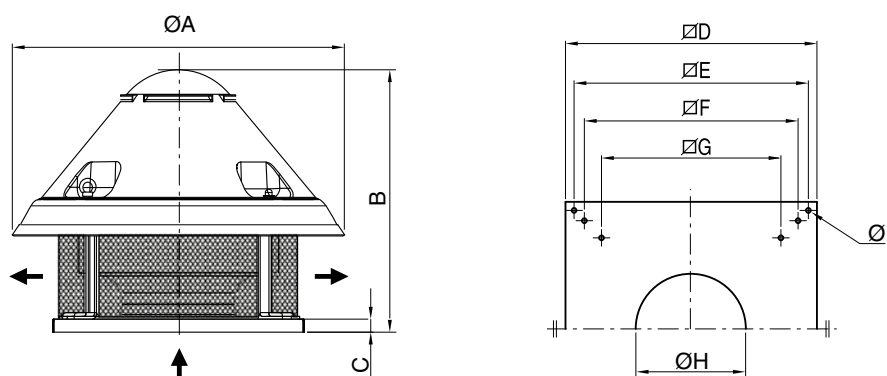
### LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz  | rpm   | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|-------|----|-----|-----|-----|------|------|------|------|-----|
| 900 | 1.800 | Lw | 70  | 85  | 90  | 93   | 90   | 92   | 84   | 72  |
|     |       | Lp | 58  | 73  | 78  | 81   | 78   | 80   | 72   | 60  |
|     |       |    |     |     |     |      |      |      |      |     |



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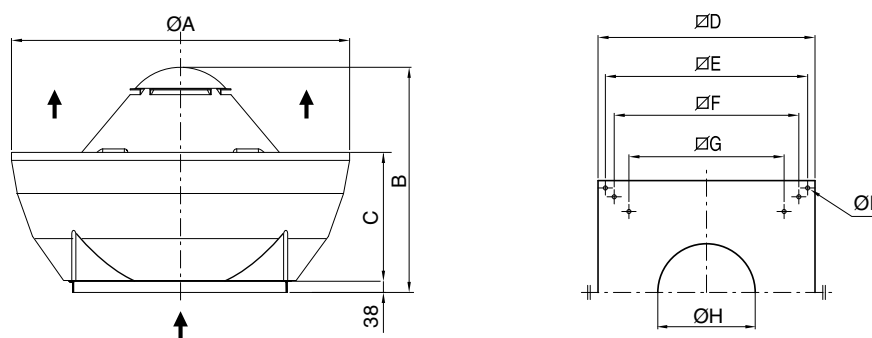
FCP EC | FCP V EC torrini | roof



### FCP EC

| TIPO   TYPE | ØA   | B    | C  | ØD   | ØE   | ØF  | ØG  | ØH  | ØI | Kg  |
|-------------|------|------|----|------|------|-----|-----|-----|----|-----|
| FCP EC 350  | 755  | 630  | 38 | 500  | 450  | -   | 370 | 237 | 12 | 30  |
| FCP EC 400  | 910  | 670  | 38 | 650  | 600  | 521 | 471 | 269 | 12 | 45  |
| FCP EC 450  | 910  | 700  | 38 | 650  | 600  | 521 | 471 | 301 | 12 | 50  |
| FCP EC 500  | 1000 | 790  | 38 | 760  | 710  | 630 | 550 | 331 | 14 | 80  |
| FCP EC 560  | 1000 | 830  | 38 | 760  | 710  | 630 | 550 | 370 | 14 | 75  |
| FCP EC 630  | 1100 | 930  | 38 | 930  | 870  | 775 | 665 | 418 | 14 | 105 |
| FCP EC 750  | 1100 | 980  | 38 | 930  | 870  | 775 | 665 | 470 | 14 | 170 |
| FCP EC 800  | 1400 | 1150 | 38 | 1100 | 1030 | 895 | 785 | 470 | 14 | 205 |
| FCP EC 900  | 1400 | 1180 | 38 | 1100 | 1030 | 895 | 785 | 530 | 14 | 210 |

Pesi indicativi | Indicative weights



### FCP V EC

| TIPO   TYPE  | ØA   | B    | C   | ØD   | ØE   | ØF  | ØG  | ØH  | ØI | Kg  |
|--------------|------|------|-----|------|------|-----|-----|-----|----|-----|
| FCP V EC 350 | 800  | 630  | 300 | 500  | 450  | -   | 370 | 237 | 12 | 35  |
| FCP V EC 400 | 980  | 670  | 360 | 650  | 600  | 521 | 471 | 269 | 12 | 50  |
| FCP V EC 450 | 980  | 700  | 360 | 650  | 600  | 521 | 471 | 301 | 12 | 55  |
| FCP V EC 500 | 1200 | 790  | 450 | 760  | 710  | 630 | 550 | 331 | 14 | 85  |
| FCP V EC 560 | 1200 | 830  | 450 | 760  | 710  | 630 | 550 | 370 | 14 | 80  |
| FCP V EC 636 | 1400 | 930  | 500 | 930  | 870  | 775 | 665 | 418 | 14 | 110 |
| FCP V EC 756 | 1400 | 980  | 500 | 930  | 870  | 775 | 665 | 470 | 14 | 175 |
| FCP V EC 800 | 1600 | 1150 | 600 | 1100 | 1030 | 895 | 785 | 470 | 14 | 215 |
| FCP V EC 900 | 1600 | 1180 | 600 | 1100 | 1030 | 895 | 785 | 530 | 14 | 220 |

Pesi indicativi | Indicative weights



## RV EC REGOLATORE EC | EC REGULATOR

### Variatore di tensione a regolazione continua 0-10V tramite potenziometro

### Voltage variator with continuous adjustment 0-10V via potentiometer

- Morsettiere estraibili per cablaggio veloce
- Alimentazione monofase: 230V – 50/60Hz
- Uscita isolata: 0-10Vdc (max. 20 m A)
- Interruttore ON/OFF di tipo luminoso
- Incassabile nelle tradizionali scatole a 4 moduli
- Sportellino apribile nero fumé in policarbonato
- Grado di protezione IP42
- Peso Kg 0,5

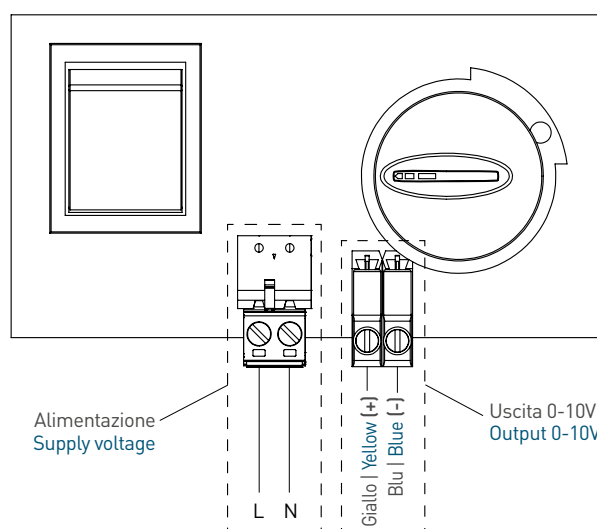
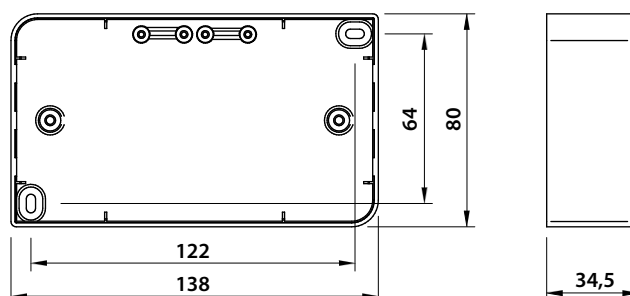
- Removable terminal blocks for quick wiring
- Single-phase power supply: 230V – 50/60Hz
- Isolated output: 0-10Vdc (max. 20 m A)
- Illuminated ON/OFF switch
- Can be installed in traditional 4-module boxes
- Smoked black polycarbonate flap door
- IP42 protection rating
- Weight 0.5 Kg



INCASSO  
BUILT-IN



NON INCASSATO  
SURFACE MOUNTED





### AVVERTENZE E ESEMPI DI INSTALLAZIONE WARNINGS AND INSTALLATION EXAMPLES

Gli aspiratori **FCP EC** e **FCP V EC** sono installabili a tetto e **possono essere collegati ad accessori con sezione quadrata o circolare**. Si vedano gli esempi illustrativi nelle pagine seguenti.

Di seguito sono riportati cinque esempi di installazione che illustrano le principali configurazioni di accoppiamento con gli accessori disponibili. Per qualsiasi dubbio o esigenza, contattare l'Ufficio tecnico- commerciale di Maico Italia.

**Si raccomanda inoltre l'uso di appropriati sistemi impermeabilizzanti**, indispensabili per garantire la massima protezione da infiltrazioni d'acqua durante la posa del torrino sulla struttura. Particolare attenzione deve essere prestata all'appoggio della base del torrino o del silenziatore sulla struttura.

L'installatore deve verificare che la sigillatura sia continua, uniforme e priva di aperture. Un'installazione non eseguita correttamente può infatti causare infiltrazioni d'acqua, compromettendo l'impermeabilità e la durabilità dell'intero sistema.

Per installazioni in aree caratterizzate da precipitazioni intense, consigliamo il modello FCP V EC a scarico verticale, che garantisce una maggiore protezione contro l'ingresso dell'acqua.

The **FCP EC** and **FCP V EC** fans can be installed on roofs and **connected to squared or circular accessories**. See the illustrative examples on the following pages.

Below are five installation examples illustrating the main configurations for coupling with the available accessories. If you have any questions or requirements, please contact the Maico Italia Technical-Commercial Office.

**We also recommend the use of appropriate waterproofing systems**, which are essential to ensure maximum protection against water infiltration during the installation of the roof fan on the structure. Particular attention must be paid to the support of the base of the fan or silencer on the structure.

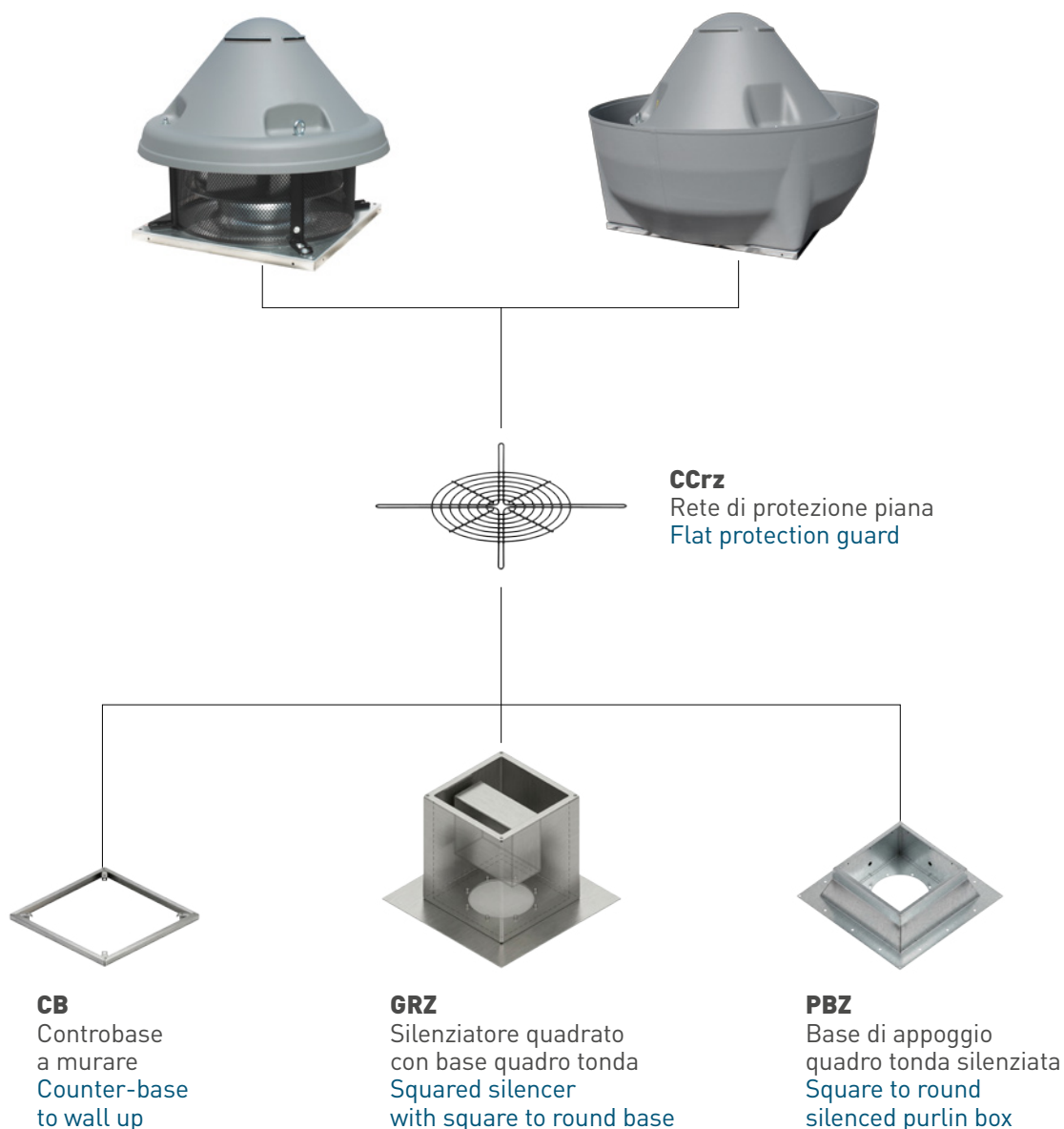
The installer must check that the seal is continuous, uniform and free of openings. Incorrect installation can cause water infiltration, compromising the waterproofing and durability of the entire system.

For installations in areas with heavy rainfall, we recommend the FCP V EC model with vertical discharge, which provides enhanced protection against water ingress.



## CONFIGURAZIONI INSTALLATIVE | INSTALLATION CONFIGURATIONS

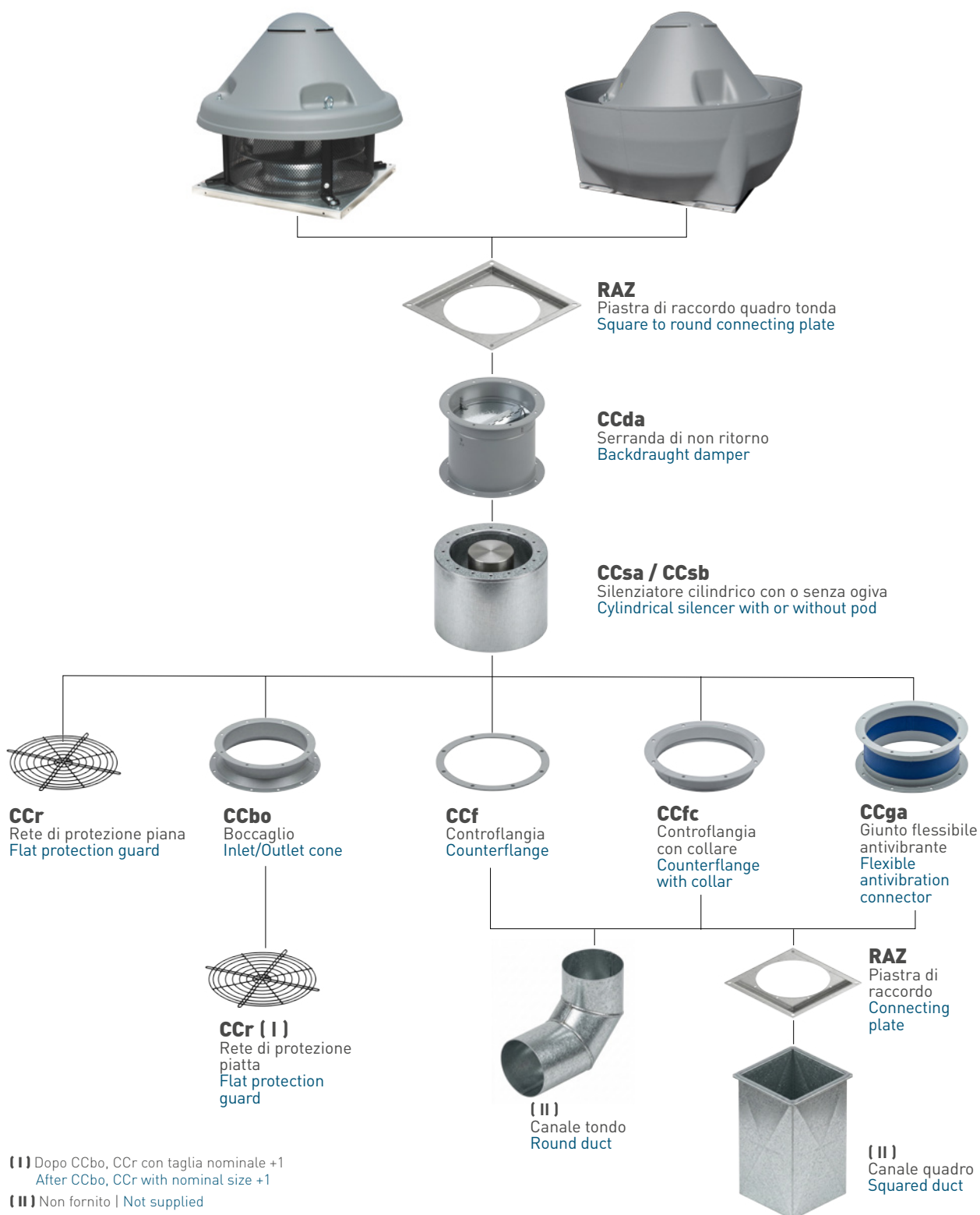
Configurazioni con accessori a base quadrata | Configurations with square-based accessories





## CONFIGURAZIONI INSTALLATIVE | INSTALLATION CONFIGURATIONS

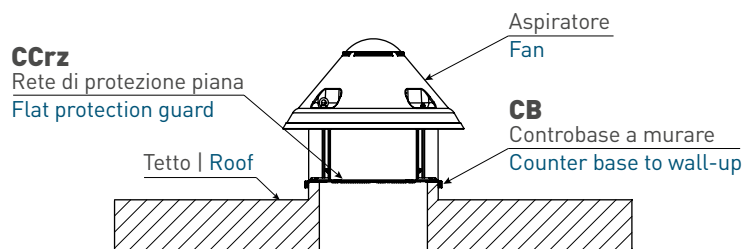
Configurazioni con accessori circolari | Configurations with circular accessories



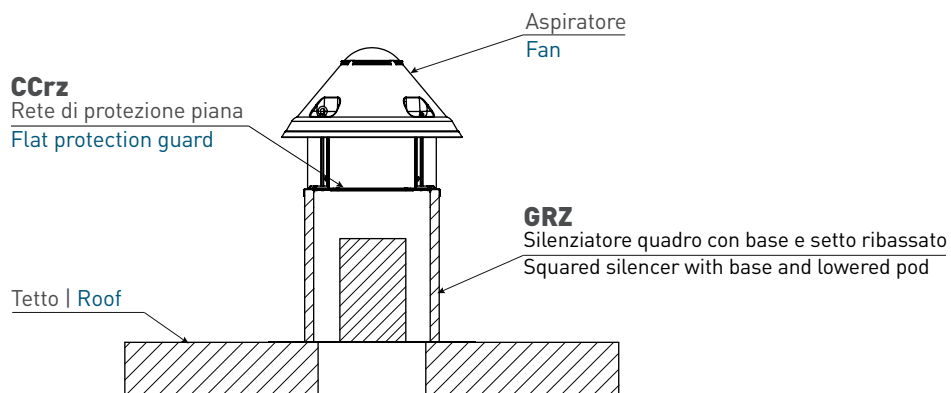


## ESEMPI DI INSTALLAZIONE | INSTALLATION EXAMPLES

1

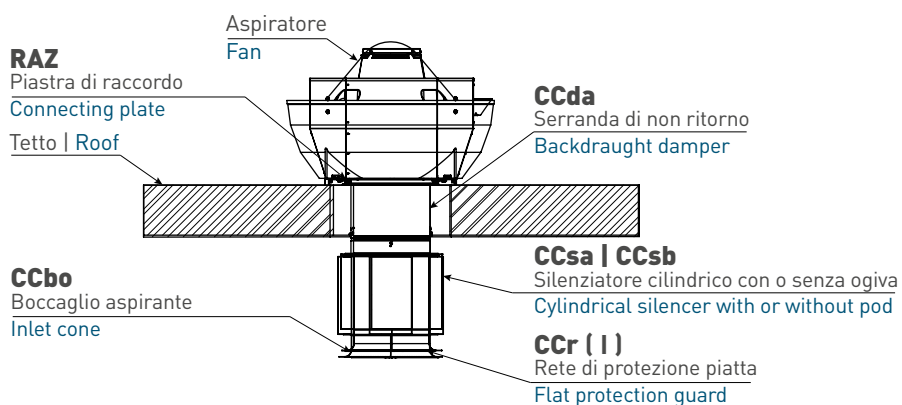


2



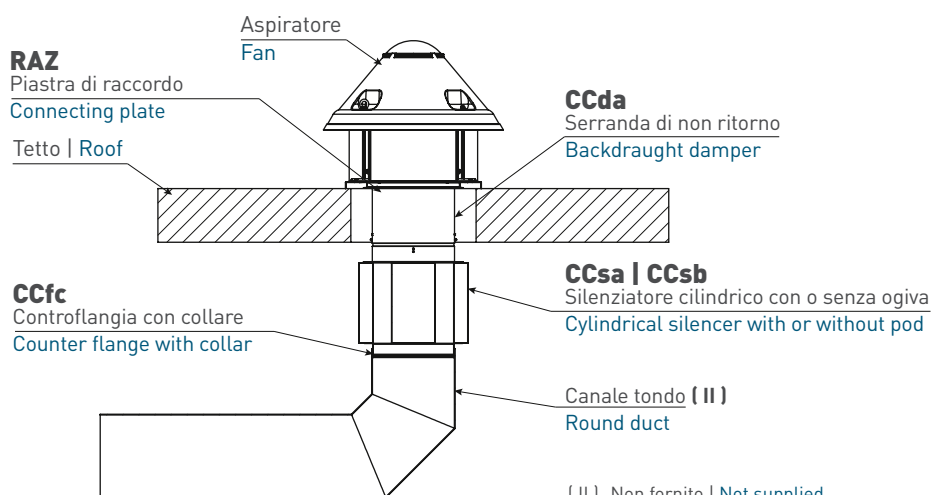


3



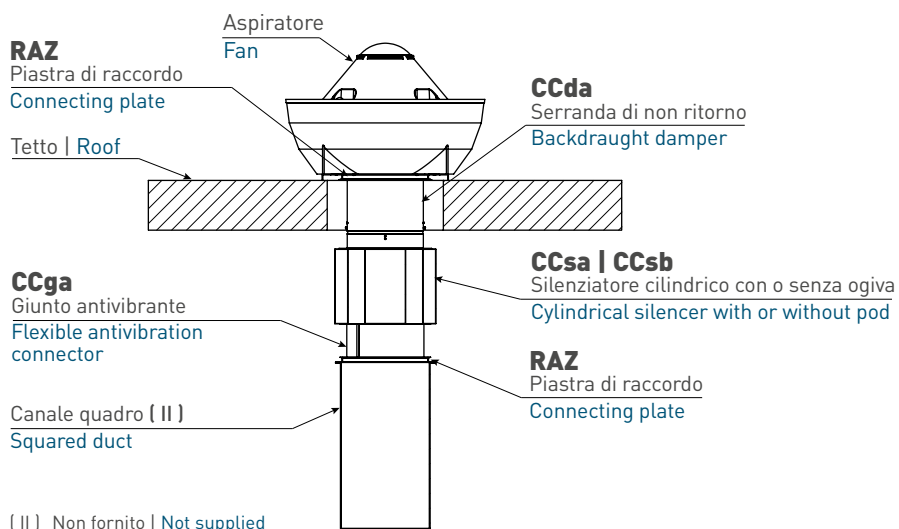
( I ) Dopo CCbo, CCr con taglia nominale +1  
After CCbo, CCr with nominal size +1

4



( II ) Non fornito | Not supplied

5



( II ) Non fornito | Not supplied

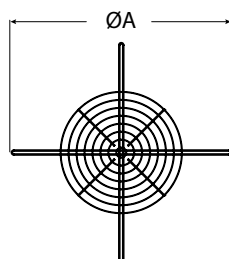


## RETI DI PROTEZIONE | PROTECTION GUARDS

CCrz | PER INSTALLAZIONE DIRETTA SULL'ASPIRATORE  
FOR DIRECT INSTALLATION ON THE FAN

Rete di protezione piana per prevenire il contatto accidentale con le parti in movimento del ventilatore. In lamiera zincata verniciata a polveri epossipoliestiriche.

Flat protective guard to prevent accidental contact with the moving parts of the fan. Made of galvanized steel sheet protected with epoxy finish.



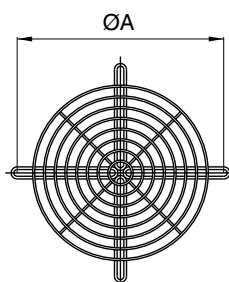
| Code    | Tipo   Type | ØA   | Kg   |
|---------|-------------|------|------|
| 5RE0055 | CCrz 35     | 560  | 0.50 |
| 5RE0056 | CCrz 40-45  | 665  | 1.00 |
| 5RE0057 | CCrz 50-56  | 785  | 1.30 |
| 5RE0058 | CCrz 63-75  | 940  | 1.90 |
| 5RE0059 | CCrz 80-90  | 1110 | 2.30 |

Dimensioni in mm | Dimensions in mm

CCr | PER INSTALLAZIONE CON ACCESSORI A BASE CIRCOLARI  
FOR INSTALLATION WITH CIRCULAR ACCESSORIES

Rete di protezione piana per prevenire il contatto accidentale con le parti in movimento del ventilatore. In lamiera zincata verniciata a polveri epossipoliestiriche.

Flat protective guard prevent accidental contact with the moving parts of the fan. Made of galvanized steel sheet protected with epoxy finish.



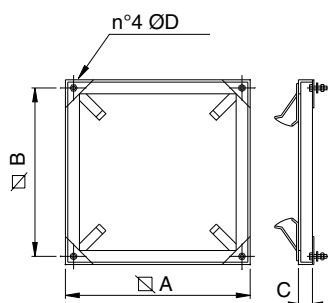
| Code    | Tipo   Type                 | ØA  | Kg   |
|---------|-----------------------------|-----|------|
| 5RE9031 | CCr 31 x FCP-FCP V EC 35    | 355 | 0.60 |
| 5RE9036 | CCr 35 x FCP-FCP V EC 40-45 | 395 | 0.7  |
| 5RE9046 | CCr 45 x FCP-FCP V EC 50-56 | 500 | 1    |
| 5RE9057 | CCr 56 x FCP-FCP V EC 63-75 | 620 | 1.6  |
| 5RE9072 | CCr 71 x FCP-FCP V EC 80-90 | 770 | 2.2  |

Dimensioni in mm | Dimensions in mm

## CB | CONTROBASE A MURARE | COUNTERBASE TO WALL UP

Garantisce un ancoraggio efficace al cavedio mediante la muratura delle quattro zanche appositamente realizzate. Realizzata in lamiera zincata.

It provides reliable anchoring to the cavity by means of four specially designed anchors fixed into the masonry. Made of galvanized steel sheet.



| Code    | Tipo   Type | A    | B    | C  | ØD    | Kg   |
|---------|-------------|------|------|----|-------|------|
| 1CB3500 | CB 35       | 490  | 450  | 30 | M8x30 | 2.80 |
| 1CB4000 | CB 40-45    | 630  | 600  | 30 | M8    | 3.2  |
| 1CB5500 | CB 50-56    | 740  | 710  | 30 | M10   | 3.6  |
| 1CB6000 | CB 63-75    | 900  | 870  | 30 | M10   | 4    |
| 1CB8000 | CB 80-90    | 1070 | 1030 | 30 | M10   | 5    |

Dimensioni in mm | Dimensions in mm



## SILENZIATORI | SILENCERS

### PBZ | BASE DI APPOGGIO SILENZIATA CON BASE QUADRO TONDA SQUARE TO ROUND SILENCED PURLIN BOX

Base di appoggio quadro tonda silenziata per installazione dei torrini su coperture piatte o per il raccordo tra il torrino e gli accessori circolari.

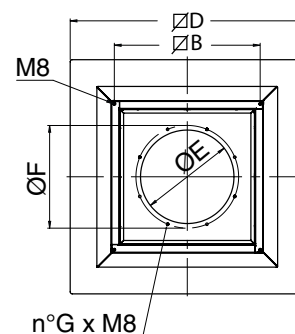
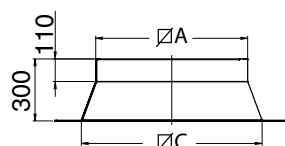
Struttura in lamiera d'acciaio zincata con doppia pannellatura e elemento insonorizzante in lana di vetro.

Square to round silenced support base (Purlin box) suitable for the installation of the roof fan on flat roofs or for the connection of the fan to circular accessories.

Galvanized steel sheet structure with glass wool soundproofing element.

| Code    | Tipo   Type | ∅A   | ∅B   | ∅C   | ∅D   | ∅E  | ∅F  | n°G x M8 | Kg  |
|---------|-------------|------|------|------|------|-----|-----|----------|-----|
| 5PB3510 | PBZ 35      | 480  | 450  | 620  | 880  | 310 | 355 | 8 x M8   | 30  |
| 5PB4010 | PBZ 40-45   | 630  | 600  | 770  | 1030 | 355 | 395 | 4        | 38  |
| 5PB5010 | PBZ 50-56   | 740  | 710  | 880  | 1140 | 455 | 500 | 4        | 45  |
| 5PB6310 | PBZ 63-75   | 910  | 870  | 1050 | 1310 | 565 | 620 | 6        | 55  |
| 5PB8010 | PBZ 80-90   | 1070 | 1030 | 1210 | 1470 | 710 | 770 | 8        | 130 |

Dimensioni in mm | Dimensions in mm



### GRZ | SILENZIATORI SEZIONE QUADRA CON BASE E RACCORDO QUADRO TONDO SQUARED SILENCERS WITH SQUARE TO ROUND BASE

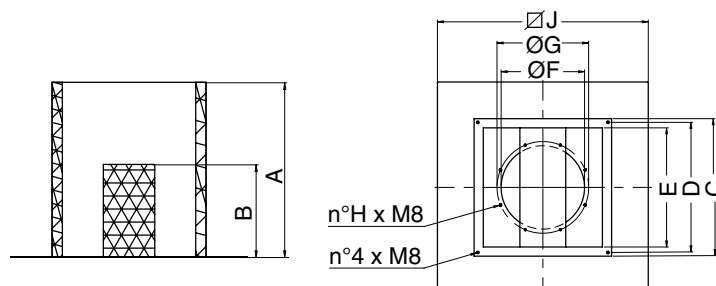
Silenziatore a sezione quadra con base e setto centrale ribassato. La base ha una forma quadro-tonda, studiata per consentire l'abbinamento con accessori di forma circolare.

Materiale fonoassorbente in lana minerale. Struttura portante in lamiera zincata.

Square section silencer with base and lowered central pod. The base has a square-round shape, designed to allow combination with circular accessories. Sound-absorbing material in mineral wool. Supporting structure in galvanized steel sheet.

| Code    | Tipo   Type | A    | B   | C    | D    | E   | ∅F  | ∅G  | n°H x M8 | J∅   | Kg  |
|---------|-------------|------|-----|------|------|-----|-----|-----|----------|------|-----|
| 1SI0860 | GRZ 35      | 750  | 400 | 490  | 450  | 120 | 310 | 355 | 8 x M8   | 48   | 58  |
| 1SI0861 | GRZ 40-45   | 750  | 350 | 640  | 600  | 145 | 355 | 395 | 8 x M8   | 1040 | 58  |
| 1SI0862 | GRZ 50-56   | 750  | 300 | 750  | 710  | 200 | 455 | 500 | 8 x M8   | 1150 | 61  |
| 1SI0863 | GRZ 63-75   | 1000 | 500 | 920  | 870  | 210 | 565 | 620 | 12 x M8  | 1320 | 103 |
| 1SI0864 | GRZ 80-90   | 1000 | 500 | 1080 | 1030 | 980 | 710 | 770 | 16 x M8  | 1480 | 113 |

Dimensioni in mm | Dimensions in mm





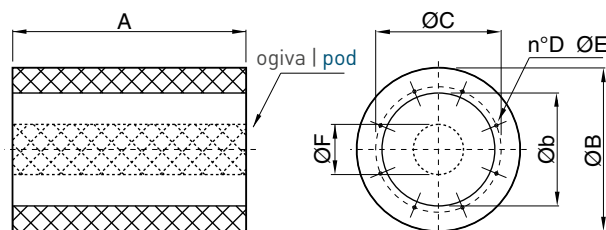
## CCsa | CCsb | SILENZIATORI CILINDRICI | CYLINDRICAL SILENCERS

Silenziatori cilindrici CCs disponibili in due versioni, senza ogiva (CCsa) e con ogiva (CCsb). La presenza dell'ogiva permette una maggiore attenuazione della rumorosità ma genera una perdita di carico aggiuntiva nell'impianto: vedi diagramma riportato.

I silenziatori sono fornibili in lunghezza pari a 1 - 1,5 - 2 volte il diametro (b). Costruiti in lamiera zincata, la parte interna e l'ogiva in lamiera forata per un'azione efficace del materassino fonoassorbente in lana minerale. Temperatura d'esercizio compresa fra -40 e +150°C in servizio S1. Certificati F400.

Cylindrical silencers available in two versions, without pod (CCsa) and with pod (CCsb). The presence of the pod allows a higher noise attenuation, but creates an additional pressure drop in the system: see the reported diagram. Silencers can be provided with length equal to 1 - 1,5 - 2 times the diameter (b).

Manufactured completely in galvanized steel. The internal part and the pod is made of perforated sheet, to effectively allow the sound absorption of the acoustic lining in mineral wool. Working temperature is from -40°C to +150°C in S1 service. F400 certified



### CCsa | CCsb

| Tipo   Type                 | ØB  | Øb  | ØC  | D  | ØE  | ØF  |
|-----------------------------|-----|-----|-----|----|-----|-----|
| CCs 31 x FCP-FCP V EC 35    | 455 | 315 | 355 | 8  | M8  | 140 |
| CCs 35 x FCP-FCP V EC 40-45 | 495 | 355 | 395 | 8  | M8  | 200 |
| CCs 45 x FCP-FCP V EC 50-56 | 610 | 450 | 500 | 8  | M10 | 245 |
| CCs 56 x FCP-FCP V EC 63-75 | 720 | 560 | 620 | 12 | M10 | 295 |
| CCs 71 x FCP-FCP V EC 80-90 | 870 | 710 | 770 | 16 | M10 | 380 |

Dimensioni in mm | Dimensions in mm

### CCsa

| Tipo   Type                  | Code    | A 1Ø | Kg |
|------------------------------|---------|------|----|
| CCsa 31 x FCP-FCP V EC 35    | 1SI0317 | 315  | 8  |
| CCsa 35 x FCP-FCP V EC 40-45 | 1SI0355 | 350  | 10 |
| CCsa 45 x FCP-FCP V EC 50-56 | 1SI0452 | 450  | 15 |
| CCsa 56 x FCP-FCP V EC 63-75 | 1SI0565 | 560  | 21 |
| CCsa 71 x FCP-FCP V EC 80-90 | 1SI0712 | 710  | 35 |

| Code    | A 1.5Ø | Kg |
|---------|--------|----|
| 1SI0316 | 470    | 11 |
| 1SI0352 | 525    | 14 |
| 1SI0621 | 675    | 20 |
| 1SI0562 | 840    | 28 |
| 1SI0710 | 1065   | 49 |

| Code    | A 2Ø | Kg |
|---------|------|----|
| 1SI0318 | 630  | 14 |
| 1SI0356 | 710  | 17 |
| 1SI0453 | 900  | 24 |
| 1SI0566 | 1120 | 35 |
| 1SI0713 | 1420 | 63 |

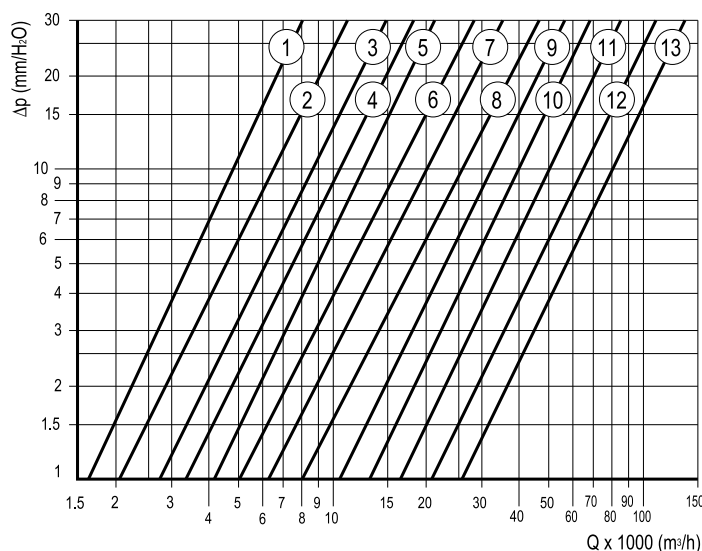
### CCsb

| Tipo   Type                  | Code    | A 1Ø | Kg |
|------------------------------|---------|------|----|
| CCsb 31 x FCP-FCP V EC 35    | 1SI0313 | 315  | 10 |
| CCsb 35 x FCP-FCP V EC 40-45 | 1SI0353 | 350  | 12 |
| CCsb 45 x FCP-FCP V EC 50-56 | 1SI0450 | 450  | 17 |
| CCsb 56 x FCP-FCP V EC 63-75 | 1SI0563 | 560  | 28 |
| CCsb 71 x FCP-FCP V EC 80-90 | 1SI0715 | 710  | 44 |

| Code    | A 1.5Ø | Kg |
|---------|--------|----|
| 1SI0315 | 470    | 14 |
| 1SI0351 | 525    | 16 |
| 1SI0620 | 675    | 24 |
| 1SI0561 | 840    | 37 |
| 1SI0700 | 1065   | 62 |

| Code    | A 2Ø | Kg |
|---------|------|----|
| 1SI0314 | 630  | 16 |
| 1SI0354 | 710  | 18 |
| 1SI0451 | 900  | 29 |
| 1SI0564 | 1120 | 44 |
| 1SI0716 | 1420 | 78 |

## CCsb | DIAGRAMMA perdita di carico SILENZIATORI | SILENCER with pod loss charge DIAGRAM



### CCsb

| Tipo   Type                  | n° |
|------------------------------|----|
| CCsb 31 x FCP-FCP V EC 35    | 1  |
| CCsb 35 x FCP-FCP V EC 40-45 | 2  |
| CCsb 45 x FCP-FCP V EC 50-56 | 4  |
| CCsb 56 x FCP-FCP V EC 63-75 | 6  |
| CCsb 71 x FCP-FCP V EC 80-90 | 8  |

N.B.: Versioni senza ogiva (CCsa) hanno perdita di carico irrilevante.  
The versions without pod (CCsa) have irrelevant loss



## SILENZIATORI CILINDRICI | CYLINDRICAL SILENCERS

**CCsa** silenzianti senza ogiva | without pod

Attenuazione in dB per banda di ottava (Hz)  
Octave spectrum (Hz) of noise attenuation in dB

|             |  | A= 1 x Øb |     |     |     |    |    |    |    |
|-------------|--|-----------|-----|-----|-----|----|----|----|----|
| Tipo   Type |  | 63        | 125 | 250 | 500 | 1K | 2K | 4K | 8K |
| 35          |  | 0         | 0   | 3   | 9   | 14 | 10 | 8  | 6  |
| 40          |  | 0         | 0   | 4   | 10  | 13 | 8  | 8  | 5  |
| 45          |  | 1         | 1   | 4   | 12  | 12 | 9  | 6  | 6  |
| 50          |  | 0         | 0   | 4   | 13  | 11 | 9  | 6  | 5  |
| 56          |  | 0         | 0   | 4   | 14  | 11 | 8  | 5  | 4  |
| 63          |  | 1         | 1   | 5   | 14  | 10 | 9  | 5  | 5  |
| 71          |  | 1         | 1   | 5   | 12  | 9  | 7  | 5  | 5  |
| 80          |  | 2         | 3   | 7   | 9   | 8  | 6  | 5  | 4  |
| 90          |  | 2         | 3   | 7   | 13  | 8  | 6  | 5  | 4  |

**CCsb** silenzianti con ogiva | with pod

Attenuazione in dB per banda di ottava (Hz)  
Octave spectrum (Hz) of noise attenuation in dB

|             |  | A= 1 x Øb |     |     |     |    |    |    |    |
|-------------|--|-----------|-----|-----|-----|----|----|----|----|
| Tipo   Type |  | 63        | 125 | 250 | 500 | 1K | 2K | 4K | 8K |
| 35          |  | 0         | 0   | 4   | 11  | 22 | 21 | 15 | 12 |
| 40          |  | 0         | 1   | 4   | 11  | 20 | 18 | 14 | 11 |
| 45          |  | 0         | 1   | 6   | 14  | 21 | 19 | 13 | 9  |
| 50          |  | 1         | 2   | 5   | 13  | 20 | 16 | 11 | 8  |
| 56          |  | 1         | 1   | 6   | 15  | 21 | 17 | 11 | 8  |
| 63          |  | 1         | 1   | 6   | 15  | 19 | 16 | 10 | 8  |
| 71          |  | 1         | 2   | 7   | 15  | 20 | 18 | 12 | 10 |
| 80          |  | 2         | 3   | 9   | 12  | 17 | 15 | 9  | 8  |
| 90          |  | 2         | 4   | 8   | 15  | 16 | 11 | 8  | 7  |

|             |  | A= 1,5 x Øb |     |     |     |    |    |    |    |
|-------------|--|-------------|-----|-----|-----|----|----|----|----|
| Tipo   Type |  | 63          | 125 | 250 | 500 | 1K | 2K | 4K | 8K |
| 35          |  | 0           | 0   | 5   | 12  | 21 | 13 | 11 | 9  |
| 40          |  | 1           | 1   | 5   | 14  | 19 | 12 | 10 | 8  |
| 45          |  | 1           | 1   | 6   | 17  | 17 | 13 | 9  | 8  |
| 50          |  | 1           | 1   | 6   | 18  | 17 | 12 | 9  | 7  |
| 56          |  | 1           | 2   | 7   | 20  | 15 | 11 | 8  | 5  |
| 63          |  | 1           | 2   | 7   | 20  | 14 | 12 | 8  | 6  |
| 71          |  | 2           | 2   | 7   | 18  | 11 | 9  | 6  | 7  |
| 80          |  | 2           | 5   | 10  | 13  | 12 | 9  | 7  | 7  |
| 90          |  | 2           | 5   | 11  | 16  | 11 | 7  | 7  | 5  |

|             |  | A= 1,5 x Øb |     |     |     |    |    |    |    |
|-------------|--|-------------|-----|-----|-----|----|----|----|----|
| Tipo   Type |  | 63          | 125 | 250 | 500 | 1K | 2K | 4K | 8K |
| 35          |  | 1           | 1   | 7   | 15  | 33 | 32 | 22 | 17 |
| 40          |  | 1           | 2   | 6   | 15  | 31 | 27 | 19 | 14 |
| 45          |  | 1           | 2   | 7   | 19  | 31 | 28 | 18 | 12 |
| 50          |  | 2           | 3   | 7   | 19  | 29 | 24 | 14 | 10 |
| 56          |  | 2           | 3   | 9   | 22  | 32 | 27 | 15 | 11 |
| 63          |  | 2           | 2   | 9   | 22  | 29 | 23 | 14 | 10 |
| 71          |  | 2           | 3   | 11  | 22  | 31 | 25 | 13 | 11 |
| 80          |  | 3           | 6   | 13  | 18  | 26 | 22 | 12 | 11 |
| 90          |  | 3           | 5   | 12  | 20  | 24 | 16 | 10 | 9  |

|             |  | A= 2 x Øb |     |     |     |    |    |    |    |
|-------------|--|-----------|-----|-----|-----|----|----|----|----|
| Tipo   Type |  | 63        | 125 | 250 | 500 | 1K | 2K | 4K | 8K |
| 35          |  | 0         | 2   | 6   | 15  | 25 | 16 | 12 | 10 |
| 40          |  | 0         | 2   | 7   | 18  | 24 | 15 | 12 | 9  |
| 45          |  | 0         | 1   | 7   | 21  | 21 | 15 | 10 | 8  |
| 50          |  | 1         | 2   | 8   | 23  | 21 | 14 | 11 | 8  |
| 56          |  | 1         | 1   | 9   | 24  | 19 | 14 | 10 | 7  |
| 63          |  | 1         | 2   | 9   | 25  | 17 | 14 | 10 | 7  |
| 71          |  | 2         | 4   | 9   | 24  | 14 | 11 | 8  | 8  |
| 80          |  | 4         | 6   | 13  | 22  | 14 | 10 | 9  | 7  |
| 90          |  | 4         | 6   | 14  | 23  | 13 | 9  | 7  | 6  |

|             |  | A= 2 x Øb |     |     |     |    |    |    |    |
|-------------|--|-----------|-----|-----|-----|----|----|----|----|
| Tipo   Type |  | 63        | 125 | 250 | 500 | 1K | 2K | 4K | 8K |
| 35          |  | 1         | 2   | 8   | 19  | 40 | 39 | 27 | 20 |
| 40          |  | 1         | 2   | 9   | 20  | 37 | 35 | 23 | 16 |
| 45          |  | 2         | 3   | 10  | 23  | 39 | 36 | 21 | 15 |
| 50          |  | 2         | 3   | 10  | 24  | 38 | 32 | 18 | 12 |
| 56          |  | 1         | 2   | 12  | 27  | 41 | 35 | 18 | 12 |
| 63          |  | 2         | 3   | 11  | 27  | 37 | 29 | 15 | 12 |
| 71          |  | 3         | 5   | 14  | 29  | 41 | 32 | 18 | 15 |
| 80          |  | 3         | 6   | 16  | 29  | 35 | 26 | 15 | 12 |
| 90          |  | 4         | 7   | 17  | 30  | 34 | 20 | 12 | 11 |



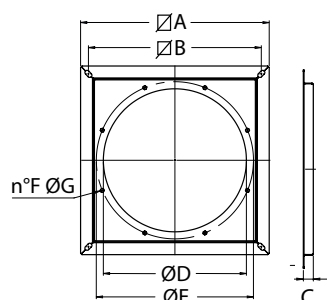
## RAZ | PIASTRA DI RACCORDO | CONNECTING PLATE

Piastra che permette di raccordare il torrino con gli accessori circolari. In lamiera zincata.

Connecting plate between the fan and the circular accessories. In galvanized steel sheet.

| Code    | Tipo   Type                    | ∅A  | ∅B  | C  | ∅D  | ∅E  | n°F x ∅G | Kg   |
|---------|--------------------------------|-----|-----|----|-----|-----|----------|------|
| 5PS3502 | RAZ 35 x FCP-FCP V EC 35       | 410 | 375 | 30 | 315 | 355 | 4 x M8   | 2.00 |
| 5PS4002 | RAZ 40-45 x FCP-FCP V EC 40-45 | 500 | 471 | 30 | 355 | 395 | 8 x M8   | 3.00 |
| 5PS5002 | RAZ 50-56 x FCP-FCP V EC 50-56 | 600 | 550 | 30 | 455 | 500 | 8 x M8   | 4.00 |
| 5PS6302 | RAZ 63-75 x FCP-FCP V EC 63-75 | 710 | 665 | 30 | 565 | 620 | 12 x M8  | 5.00 |
| 5PS8002 | RAZ 80-90 x FCP-FCP V EC 80-90 | 825 | 785 | 30 | 710 | 770 | 8 x M8   | 5.60 |

Dimensioni in mm | Dimensions in mm



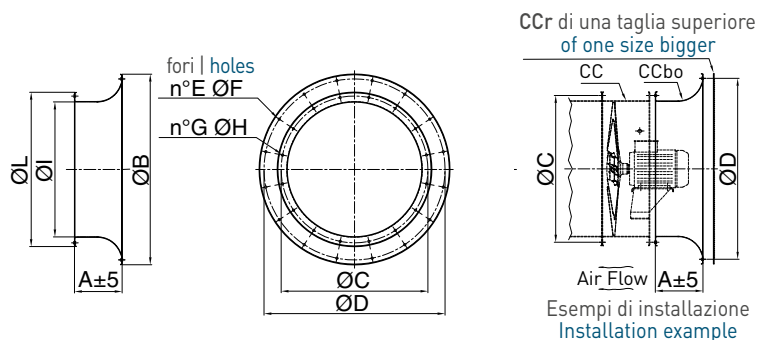
## CCbo | BOCCAGLIO | INLET CONE

Boccaglio che permette il raccordo ad accessori circolari di maggiore dimensione. Costruita in lamiera d'acciaio, con flange di fissaggio realizzate a norma ISO 13351:2010. Verniciata a polveri epossipoliesteriche. Completo di portello d'ispezione e fori per passaggio cavi.

Inlet/Outlet cone for the connection to circular accessories of larger diameters. Manufactured in steel sheet, with fixing flanges according to ISO 13351:2010. Protected against atmospheric agents by epoxy paint. Complete of inspection porthole and holes for cable entry.

| Code    | Tipo   Type                  | A±5 | ∅B  | ∅C  | ∅D  | E  | ∅F | G  | ∅H | ∅I  | ∅L  | Kg  |
|---------|------------------------------|-----|-----|-----|-----|----|----|----|----|-----|-----|-----|
| 5B09631 | CCbo 31 x FCP-FCP V EC 35    | 130 | 446 | 355 | 395 | 8  | 10 | 8  | 10 | 307 | 395 | 4   |
| 5B09635 | CCbo 35 x FCP-FCP V EC 40-45 | 130 | 496 | 395 | 450 | 8  | 12 | 8  | 10 | 357 | 446 | 4.5 |
| 5B09645 | CCbo 45 x FCP-FCP V EC 50-56 | 130 | 598 | 500 | 560 | 12 | 12 | 8  | 12 | 457 | 546 | 5.5 |
| 5B09656 | CCbo 56 x FCP-FCP V EC 63-75 | 140 | 730 | 620 | 690 | 12 | 12 | 12 | 12 | 567 | 658 | 7.5 |
| 5B09671 | CCbo 71 x FCP-FCP V EC 80-90 | 180 | 910 | 770 | 860 | 16 | 12 | 16 | 12 | 708 | 810 | 11  |

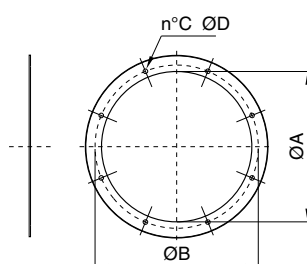
Dimensioni in mm | Dimensions in mm



## CCf | CONTROFLANGIA PIANA | FLAT COUNTERFLANGE

Piastra a forma di anello provvista di fori a norma UNI ISO 13351:2010. Viene utilizzata per facilitare il collegamento tra l'aspiratore e il condotto. In lamiera zincata.

Ring plate with holes according to UNI ISO 13351:2010 standard, compatible with fan flange. It is used for easier connection between the fan and the duct. Made of galvanized steel sheet with epoxy finish.



| Code    | Tipo   Type                 | ∅A  | ∅B  | C  | ∅D | Kg  |
|---------|-----------------------------|-----|-----|----|----|-----|
| 5B01031 | CCf 31 x FCP-FCP V EC 35    | 315 | 355 | 8  | 10 | 1.2 |
| 5B01035 | CCf 35 x FCP-FCP V EC 40-45 | 350 | 395 | 8  | 10 | 1.5 |
| 5B01045 | CCf 45 x FCP-FCP V EC 50-56 | 450 | 500 | 8  | 12 | 1.9 |
| 5B01056 | CCf 56 x FCP-FCP V EC 63-75 | 560 | 620 | 12 | 12 | 2.4 |
| 5B01071 | CCf 71 x FCP-FCP V EC 80-90 | 710 | 770 | 16 | 12 | 3.3 |

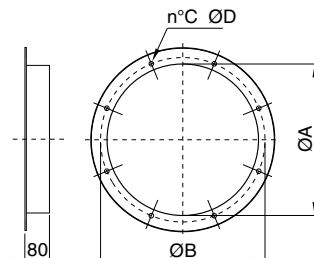
Dimensioni in mm | Dimensions in mm



## CCfc | CONTROFLANGIA CON COLLARE | COUNTERFLANGE WITH COLLAR

Controflangia a forma di anello con collare 80 mm, provvista di fori a norma ISO 13351:2010. Facilita la connessione con la canalizzazione. In lamiera zincata verniciata a polveri epossipoliestiriche.

Counter flange with addition of 80 mm of round duct with holes according to ISO13351:2010. It eases the connection to the duct. Made of galvanized steel sheet with epoxy finish.



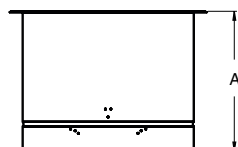
| Code    | Tipo   Type                  | ØA  | ØB  | C  | ØD | Kg  |
|---------|------------------------------|-----|-----|----|----|-----|
| 5B01531 | CCfc 31 x FCP-FCP V EC 35    | 305 | 355 | 8  | 10 | 1.3 |
| 5B01535 | CCfc 35 x FCP-FCP V EC 40-45 | 355 | 395 | 8  | 10 | 1.5 |
| 5B01545 | CCfc 45 x FCP-FCP V EC 50-56 | 455 | 500 | 8  | 12 | 2   |
| 5B01556 | CCfc 56 x FCP-FCP V EC 63-75 | 565 | 620 | 12 | 12 | 2.5 |
| 5B01571 | CCfc 71 x FCP-FCP V EC 80-90 | 710 | 770 | 16 | 12 | 3.3 |

Dimensioni in mm | Dimensions in mm

## CCda | SERRANDA DI NON RITORNO | BACKDRAUGHT DAMPER

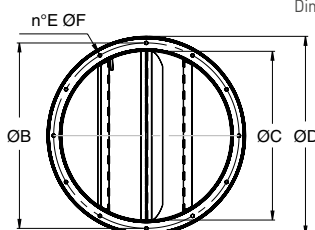
Serranda di chiusura che consente il ritorno delle alette in posizione tappata. Evitano inutili dispersioni di calore e implicano un'irrelevante perdita di carico. Le alette della serranda si aprono con la depressione dell'aria generata dal ventilatore in moto. Si chiudono per gravità al suo spegnimento. Cassa in lamiera verniciata e alette in lamiera zincata. Temperatura di esercizio in S1 max. +150°C.

Backdraught damper that allows the return of the flaps in closed position. They avoid heat dispersion when the fan is off and require a negligible opening pressure. The shutter flaps are opened by the air depression produced by the fan when working. They shut down by gravity. Casing in painted steel sheet and flaps in galvanized steel sheet. Max. temperature in S1 +150°C.



| Code    | Tipo   Type                  | A   | ØB  | ØC  | ØD  | E  | ØF |
|---------|------------------------------|-----|-----|-----|-----|----|----|
| 1SE9295 | Ccda 31 x FCP-FCP V EC 35    | [1] |     |     |     |    |    |
| 1SE9296 | Ccda 35 x FCP-FCP V EC 40-45 |     |     |     |     |    |    |
| 1SE9281 | Ccda 45 x FCP-FCP V EC 50-56 | 500 | 500 | 455 | 559 | 8  | 12 |
| 1SE9283 | Ccda 56 x FCP-FCP V EC 63-75 | 470 | 620 | 565 | 669 | 12 | 12 |
| 1SE9285 | Ccda 71 x FCP-FCP V EC 80-90 | 580 | 770 | 708 | 812 | 16 | 12 |

[1] A richiesta | Upon request  
Dimensioni in mm | Dimensions in mm



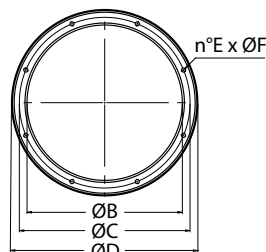
## CCga | GIUNTO FLESSIBILE ANTIVIBRANTE | FLEXIBLE ANTIVIBRATION CONNECTOR

Impedisce la trasmissione delle vibrazioni lungo la canalizzazione.

È composto da due flange in lamiera d'acciaio, conformi alla norma ISO 13351:2010, per il fissaggio al ventilatore e al canale, e da un nastro di collegamento flessibile e resistente. Temperatura di esercizio in S1 max. +150°C. Le parti in lamiera sono verniciate con polveri epossipoliestiriche.

Prevents the transmission of vibrations along the ductwork.

It consists of two steel sheet flanges, compliant with ISO 13351:2010, for connection to the fan and the duct, and a flexible, heavy-duty connecting strip. Max. temperature in S1 +150°C. Steel sheet parts are coated with epoxy-polyester powder paint.



| Code    | Tipo   Type                  | A   | ØB  | ØC  | ØD  | n°E x ØF | Kg |
|---------|------------------------------|-----|-----|-----|-----|----------|----|
| 1SU5310 | Ccga 31 x FCP-FCP V EC -35   | 200 | 305 | 355 | 395 | 8 x 10   | 5  |
| 1SU5350 | Ccga 35 x FCP-FCP V EC 40-45 | 200 | 350 | 395 | 446 | 8 x 10   | 6  |
| 1SU5450 | Ccga 45 x FCP-FCP V EC 50-56 | 200 | 450 | 500 | 546 | 8 x 12   | 8  |
| 1SU5560 | Ccga 56 x FCP-FCP V EC 63-75 | 200 | 560 | 620 | 658 | 12 x 12  | 10 |
| 1SU5710 | Ccga 71 x FCP-FCP V EC 80-90 | 200 | 710 | 770 | 810 | 16 x 12  | 13 |

Dimensioni in mm | Dimensions in mm