

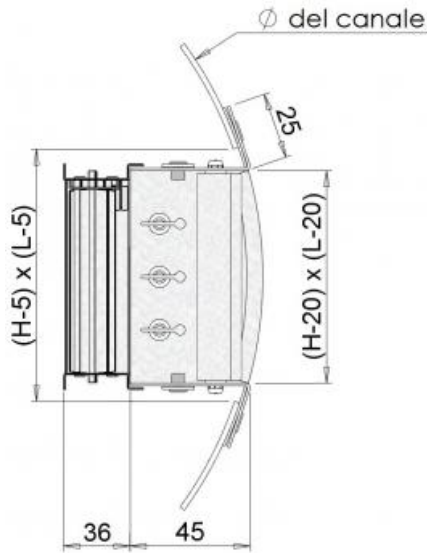


**Description**

Supply air jets with 1 or 2 rows of individually adjustable blades.  
The special frame ensures the perfect adherence of the air jet to the circular duct.

**Characteristics:**

Material: steel  
Finish: galvanised  
Installation: on circular duct with screws



**Use**

For air supply with installation directly on circular ducts in ventilation and air conditioning systems.

**Models**

EBCV-V with 1 row of vertical blades;  
EBCV-VO with 2 rows of vertical and horizontal blades.

The VO version has the first vertical row near the front and the second horizontal row inside the air jet.

**Accessories**

SCB regulation damper with blades with opposing movement.

**On request**

White RAL9016 painting or other RAL colours.

Operating data

Vk: effective speed (m/s)  
m³/h: flow rate  
Pa: pressure drops in Pascal  
L1 (m): air throw of air jet without damper, with a blade deflection of 0°, with coanda (ceiling) effect, terminal velocity 0.25 m/s and Tmax 15°C  
dB(A): noise level

All dimensions are expressed in mm.

When ordering, indicate the diameter of the duct where the air jet will be installed.

| dimension LxH | dimensions of duct                      | effective cross-section | m³/h | L1   | m³/h | L1  |
|---------------|-----------------------------------------|-------------------------|------|------|------|-----|
|               |                                         | m²                      |      |      |      |     |
| 300x100       | 160 - 200 - 250 - 300 - 350 - 400       | 0,018                   | 140  | 3,7  | 230  | 5,6 |
| 400x100       | 160 - 200 - 250 - 300 - 350 - 400       | 0,025                   | 200  | 4,5  | 320  | 6,8 |
| 500x100       | 160 - 200 - 250 - 300 - 350 - 400       | 0,033                   | 260  | 6    | 420  | 8   |
| 400x150       | 250 - 300 - 350 - 400 - 500 - 600 - 700 | 0,039                   | 310  | 4,3  | 500  | 8   |
| 500x150       | 250 - 300 - 350 - 400 - 500 - 600 - 700 | 0,051                   | 400  | 5    | 640  | 9   |
| 600x150       | 250 - 300 - 350 - 400 - 500 - 600 - 700 | 0,059                   | 470  | 5,8  | 750  | 9,5 |
| 400x200       | 350 - 400 - 500 - 600 - 700             | 0,057                   | 450  | 6,5  | 720  | 9   |
| 500x200       | 350 - 400 - 500 - 600 - 700             | 0,071                   | 560  | 7,5  | 900  | 10  |
| 600x200       | 350 - 400 - 500 - 600 - 700             | 0,086                   | 680  | 10   | 1080 | 11  |
| 800x200       | 350 - 400 - 500 - 600 - 700             | 0,115                   | 910  | 10,3 | 1450 | 13  |
| 600x300       | 600 - 700                               | 0,136                   | 1080 | 9,6  | 1730 | 15  |
| 800x300       | 600 - 700                               | 0,178                   | 1410 | 10,5 | 2250 | 16  |
| Vk (m/s)      |                                         |                         | 2,2  |      | 3,5  |     |

Noise level dB(A)

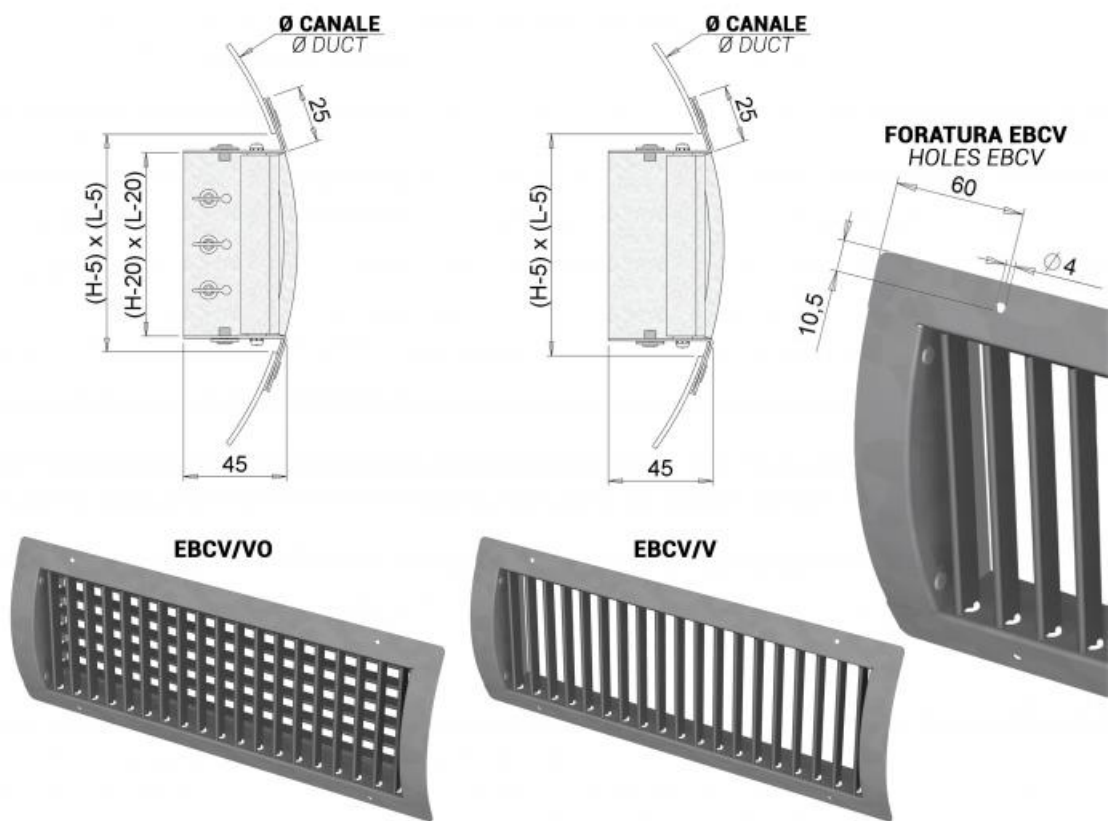
| Vk m/s | defl. 0° | defl. 20° | defl. 40° |
|--------|----------|-----------|-----------|
|        | dB(A)    | dB(A)     | dB(A)     |
| 2.2    | 15/20    | 18/23     | 20/25     |
| 3.5    | 20/25    | 23/28     | 25/30     |

Pressure drop (Pa)

| V m/s | defl. 0° | defl. 20° | defl. 40° |
|-------|----------|-----------|-----------|
|       | Pa       | Pa        | Pa        |
| 2.2   | 4        | 5.5       | 7         |
| 3.5   | 9        | 13        | 16        |

Configuration

All measurements are expressed in mm.



SCB calibration damper



Price list

Notes:  
 - with SCB damper installed + 5% of the price of the damper  
 - When ordering, indicate the diameter of the duct for calendering

| dimension | grille EBCV-VO | grille EBCV-V | damper SC |
|-----------|----------------|---------------|-----------|
| LxH       | euro           | euro          | euro      |
| 300x100   | ✓              | ✓             | ✓         |
| 400x100   | ✓              | ✓             | ✓         |
| 500x100   | ✓              | ✓             | ✓         |
| 400x150   | ✓              | ✓             | ✓         |
| 500x150   | ✓              | ✓             | ✓         |
| 600x150   | ✓              | ✓             | ✓         |
| 400x200   | ✓              | ✓             | ✓         |
| 500x200   | ✓              | ✓             | ✓         |
| 600x200   | ✓              | ✓             | ✓         |
| 800x200   | ✓              | ✓             | ✓         |
| 600x300   | ✓              | ✓             | ✓         |
| 800x300   | ✓              | ✓             | ✓         |