

NEW

BXC-EG

Flush-mounted demand controlled exhaust unit for MEV



Flush-mounted exhaust unit : discreet and non-intrusive.



Humidity sensitive, presence detector and switch versions: modulates the airflow according to the various needs of the dwelling.



Advanced special versions: CO₂, VOC, and remote control versions.



Silent working: silent auxiliary airflow activation.



Battery indicator: buzzer to indicate low battery level.



Easy to maintain: removable shutter case and front cover for easy cleaning.



A flush-mounted multifunctional exhaust unit to optimise indoor air quality and energy efficiency in MEV applications

As part of the BXC product family, the BXC-EG incorporates all of the functions one could want in an air exhaust unit: various additional airflow activation modes to adapt the ventilation to occupants' needs (presence detection, switch, remote control...), as well as the humidity sensitive technology that allows to modulate the exhaust airflow automatically, with silent operation. Flat and flush-mounted, the BXC-EG is very discreet and non-intrusive. Its installation is easy and flexible since it can be fixed not only to the wall or flush-mounted in a partition but also to the ceiling.

Airflow '+' (1)

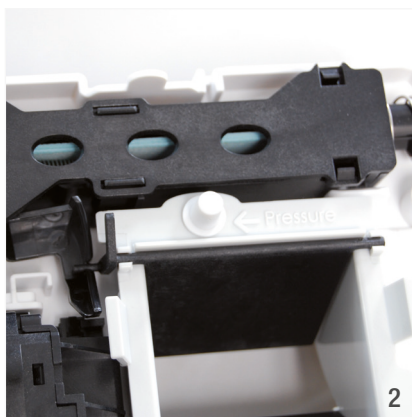
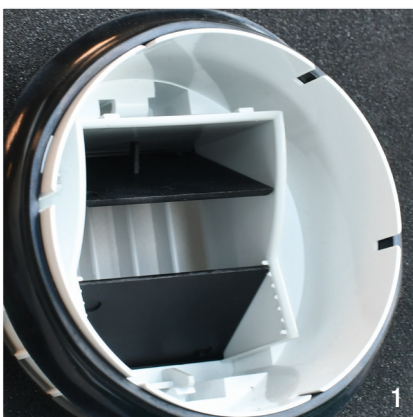
Airflow can be set at time of installation to meet specific needs, or to compensate for a lack of pressure. The fixed shutter can be set to 6 positions, with an average step of +10 m³/h (maximum = +50 m³/h). It allows the airflow to be adjusted according to the available pressure or specific requirements.

Pressure plug to help commissioning (2)

The built-in pressure plug makes it easy to measure the pressure using a manometer, then calculate airflow using a table in the installation instructions.

Advanced special versions (3)

The BXC was the first exhaust unit in the world offering the possibility of having built-in CO₂ and VOC sensors, for example. In keeping the same innovations, the BXC-EG is especially well suited to applications in schools, offices, gymnasiums etc.





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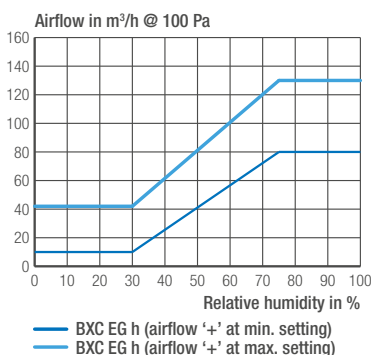
Flush-mounted exhaust unit for MEV

| | BXC-EG h | BXC-EG hpd | BXC-EG pd | BXC-EG hi | BXC-EG p | BXC-EG hps |
|--|-------------------------|------------|-----------|-----------|----------|------------|
| Standard code (other versions available, please contact us.) | BXE1999 | BXE2003 | BXE2010 | BXE2005 | BXE2012 | BXE2035 |
| Airflow characteristics | | | | | | |
| Humidity sensitive | ■ | ■ | - | ■ | - | ■ |
| Boost airflow | ■ | ■ | ■ | ■ | ■ | ■ |
| Boost airflow activated by switch | - | - | - | ■ | - | - |
| Boost airflow activated by presence detection | - | ■ | ■ | - | ■ | - |
| Airflow @ 100 Pa (min.-max.) (1)(2) | m ³ /h 12-80 | 12-80 | 12-80 | 12-80 | 12-80 | 12-80 |
| Airflow '+' - maximum available airflow @ 100 Pa (3) | m ³ /h 130 | 130 | 130 | 130 | 130 | 130 |
| Acoustics | | | | | | |
| Sound power level Lw(A), 100 Pa, RH = 65 %, min. airflow '+' setting | dB(A) 26 (±1) | | | | | |
| Dn,e,w (C, Ctr) Acoustic insulation, RH = 65 %, min. airflow '+' setting | dB 58 (-2 ; -3) | | | | | |
| Power supply | | | | | | |
| 2 x 1.5 V AAA LR03 batteries (not supplied) | - | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ |
| Buzzer (low battery charge) | - | ■ | ■ | ■ | ■ | ■ |
| 12 VAC supply with specific transformer (ref. CAL261) | - | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ |
| 230 VAC supply with specific transformer (ref. CAL1228) | - | ⊗ | ⊗ | ⊗ | ⊗ | ⊗ |
| Characteristics | | | | | | |
| Colour | white | white | white | white | white | white |
| Material (main) | PS / ABS | PS / ABS | PS / ABS | PS / ABS | PS / ABS | PS / ABS |
| Installation | | | | | | |
| Round duct compatibility with integrated spigot | mm ∅100 | ∅100 | ∅100 | ∅100 | ∅100 | ∅100 |
| Round duct compatibility with integrated spigot with integrated 90° elbow ferrule ∅100 (4) | ■ | ■ | ■ | ■ | ■ | ■ |
| Round duct compatibility with accessory spigot (5) | mm ∅125 | ∅125 | ∅125 | ∅125 | ∅125 | ∅125 |
| Round duct compatibility with 85343AL accessories | mm ∅80 | ∅80 | ∅80 | ∅80 | ∅80 | ∅80 |
| Other functions | | | | | | |
| Pressure plug | ■ | ■ | ■ | ■ | ■ | ■ |
| Fault indicator thanks to a built-in pressure sensor | - | - | - | - | - | ■ |

■ standard / included - ⊗ compatible

Note: airflows given for a ∅100 mm duct (1) Default setting. (2) Tolérance : 12 m³/h ± 3, 80 m³/h ± 10. (3) Airflow '+': the airflow can be increased from +10 m³/h to +50 m³/h (6 available positions). This function can be used to adapt to lower pressures or to specific regulations imposing higher airflows. Standard is position 0 (minimum airflow = 12 m³/h @ 100Pa). (4) Delivered in specific versions. (5) Delivered in specific versions or available as accessory (ref. AEA317). Other versions available, please contact us.

Airflow characteristics



Dimensions en mm

