

Flair Silencer 60/160

New in our
range

Revolution in sound reduction

Healthy air in the home is essential. Ventilating in the right manner is vital in this connection. Ventilating without noticing it. That is our aim. Sound, or rather no sound, is an important issue here. A silent installation is what people need *and* deserve in their homes. With that in mind, Brink developed an innovative solution called the Flair Silencer.

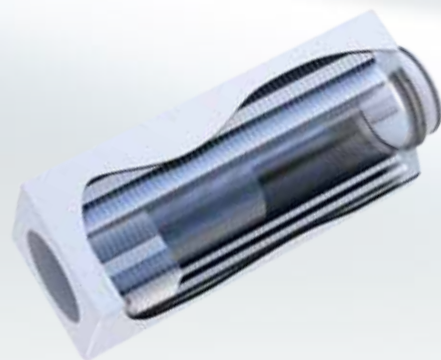


Sound damping requires tailor-made measures

For adequate sound damping, silencers must be fine-tuned to the ventilation unit. Brink has therefore selected and developed a silencer series specifically for its appliances. An entirely new unit in this series is the Flair Silencer 60/160.

Flair Silencer

The Flair Silencer is a new silencer based on an innovative, revolutionary attenuation principle. That gives it a high attenuation ratio and a low sound emission. In addition, with its sleek design and a length of only 60 cm, the silencer is very compact. All characteristics remain unaffected throughout the Flair 325/400 ventilation device's service life.



Exploded view Flair Silencer 60/160

Basic damping performance

The damper Flair Silencer is based on novel technology. The sound waves coming from the appliance are extinguished in tiny cavities. This ensures highly effective damping. The silencer is specifically geared to the sound of the Flair 325/400. As a result, the Flair Silencer and the Flair 325/400 together are the perfect couple.

Insertion loss and wall attenuation

Silencers are used to reduce the fan sound emission from the ventilation unit to the supply and exhaust valves. Soft-material dampers (acoustic duct) effectively reduce the sound to the valves, but they also emit more sound. Rigid dampers in many cases have less effective damping properties for sound to the valves but, on the other hand, they emit less sound. The Flair Silencer 60/160 is the first to combine the two: excellent damping to the valves *and* low sound emission.

Highly compact

In many projects the installation height for systems is limited. As a result, sometimes too short silencers are used. That affects the damping properties. The new Flair Silencer 60/160 uses technology derived from the automotive industry and has been designed from scratch to combine compactness with excellent damping characteristics. That way a 40% length reduction has been achieved while the damper is only 60 cm long, so now superbly quiet installations can also be achieved in projects with limited installation space.

Hygiene

Conventional dampers often use mineral wool to absorb sound. The drawback is that these materials can also take up dirt and moisture. The Flair Silencer 60/160 does not contain any soft material and, moreover, is finished with a dirt-resistant inner wall. This ensures that the silencer remains clean for a long time and, when necessary, can simply be cleaned together with the ducts. Dust accumulation on the outside will also be very limited. The silencer is easily wiped clean with a cloth.



The advantages at a glance

Special Flair silencer with innovative technology for high attenuation ratios

Highly compact, length only 60 cm

Sleek casing for neat installation space

Remains clean and hygienical inside and outside

Lasts the entire service life of the appliance

Silencer perfectly geared to the appliances