

JBV

- Suitable for home ventilation
- Easy to install
- Detachable front face
- Polyester sound insulation in box

APPLICATION

JBV

These air diffusers are designed for comfort ventilation in all types of homes where balanced ventilation is installed, e.g. new builds or rehabilitated blocks of flats. They are designed for standard wall thicknesses with steel joists and a single sheet of plasterboard on both sides.

Design

The rectangular JBV air diffuser consists of two parts: the mounting frame, with a spigot for the supply air duct, and a removable front face. No tools are required to install the diffuser face, and it can be easily removed for cleaning, etc. The diffuser face has separate grooves for control wires and measuring tubes.

JBV WITH BVK

A BVK plenum box is recommended because it provides better sound attenuation and control and measuring options. The BVK is a rectangular box with detachable sound insulation and a damper which provides access to the connecting duct. The damper can be locked in any position required.

Design

The BVK comes in two designs, straight and angled. The sound insulation effectively dampens sound and releases no material fibres to the surroundings. The insulation can be removed for cleaning. The plenum box features a wire operated damper and measuring outlet for adjustment.

DESCRIPTION

JBV

Materials and surfaces

The diffuser's parts are made of galvanised sheet steel. The surface is painted standard white RAL 9003 - gloss 30.

JBV WITH BVK

Materials and surfaces

The BVK is supplied with a galvanised finish and polyester sound insulation. The spigot has a rubber EPDM seal.

INSTALLATION



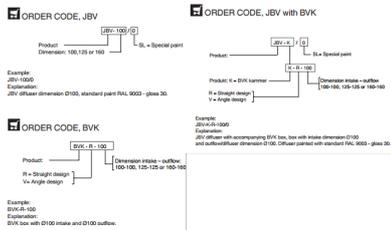
JBV

The JBV diffuser has a rubber seal and is easily installed in the connection and attached with screws in the diffuser's mounting frame.

BVK

The BVK box has mounting brackets with slots that are adjusted and attached in the most appropriate way.

TECHNICAL INFORMATION



 QUICK PICK, JBV with BVK-R box

JBV Dim	BVK-R Dim	[m ³ /h]		
		20dB	25dB	30dB
100	100-100	65	79	90
125	125-125	94	108	122
160	160-160	130	151	162

Table 2: the table shows the air flow rate at the stated sound power level and 30Pa total pressure.

 QUICK PICK, JBV with BVK-V box

JBV Dim	BVK-V Dim	[m ³ /h]		
		20dB	25dB	30dB
100	100-100	61	76	86
125	125-125	83	94	108
160	160-160	115	133	155

Table 3: the table shows the air flow rate at the stated sound power level and 30Pa total pressure.