

EFF Air Valves

Air extraction diffuser for easy ceiling or wall installation



- Lockable Central Cone
- Direct Duct Installation
- Adjustable Pressure
- Discreet Design

[Find more details in our online catalogue](#)

Exhaust and Supply

The EFF is an exhaust diffuser for ceiling or wall installation. It can also be used for air supply.

Lockable Central Cone

The EFF diffuser has a lockable central cone which is rotated to adjust the pressure and the air volume.

Sheet Metal Manufacture

The EFF diffuser is manufactured from sheet steel with a white powder-coated finish.

Available in different sizes, the EFF is an air extraction diffuser that allows for easy installation on a ceiling or wall. It also allows for air supply. The diffuser has a lockable central cone which can be rotated to adjust the pressure and also the air volume. All sizes allow for easy installation directly onto the duct. The pressure is adjusted by rotating the valve cone.

The EFF has a discreet, aesthetic design that allows for installation in a range of locations. It is manufactured from sheet steel with a white powder-coated finish and is available in the following diameters: ø 80, ø 100, ø 125, ø 160 and ø 200. The ø 160 (EFF 160a) size is suitable for both 150 and 160-diameter ducts.

Technical parameters

Nominal data

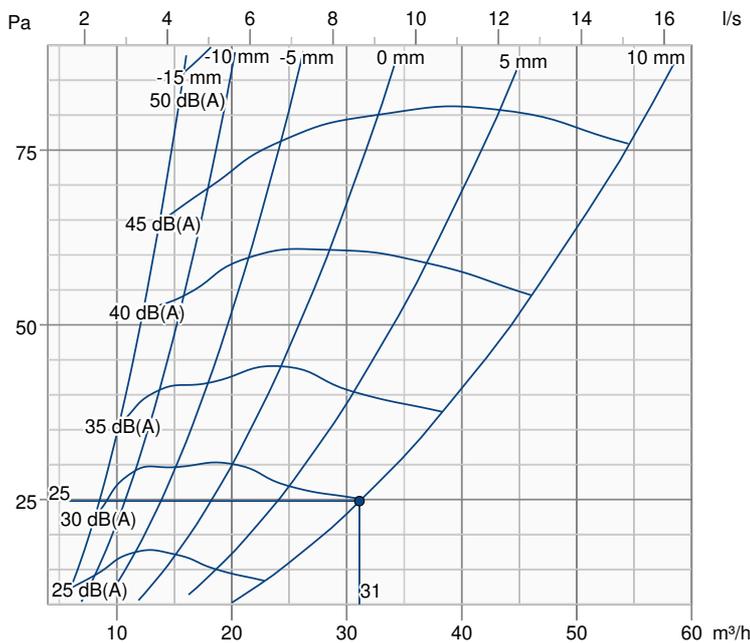
Air flow(s)	21; 30; 37	m ³ /h
Duct connection type	Circular	
Pressure drop	11; 23; 35	Pa
Sound power level	24; 29; 34	dB(A)
Sound pressure level (10 m ² room absorption area)	20; 25; 30	dB(A)

Dimensions and weights

Weight	0.17	kg
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Performance

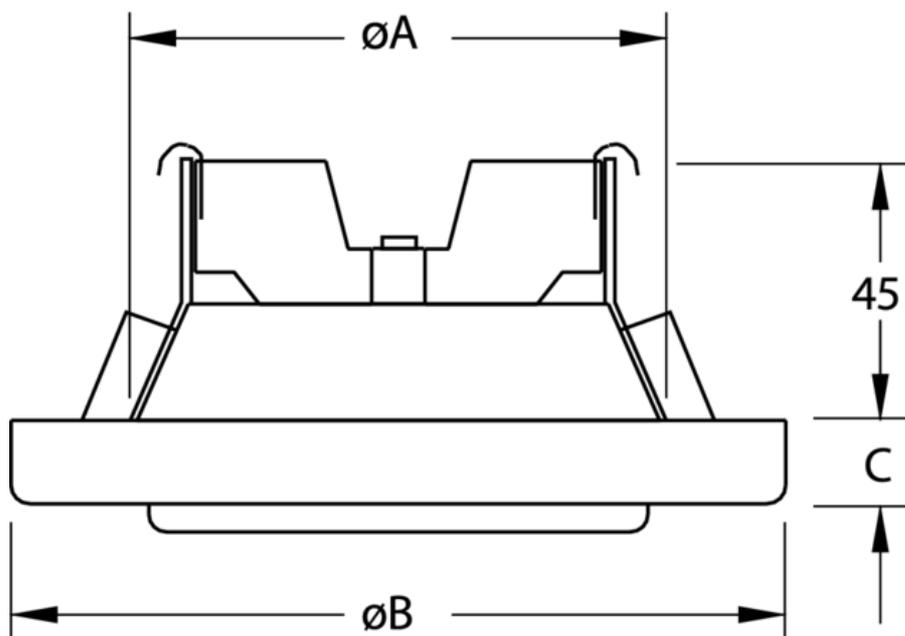
Pressure drop & sound power level (A-weighted) - Total sound power level (A-weighted) - Discharged into room (The figures -20 to +10 indicate the air gap setting, i.e. the distance in mm from the central cone to the collar.)



Parameter	Value
Air flow	31 m³/h
Pressure drop	25 Pa
Damper setting	100 %
Total sound power level - Discharged into room	44 dB
Total sound power level (A-weighted) - Discharged into room	30 dB(A)

Total sound power level - Discharged into room	Hz	63	125	250	500	1k	2k	4k	8k
Lw	dB	42	36	34	27	18	11	15	24
LwA	dB(A)	17	19	26	23	18	12	16	22

Dimensions



Dimensions	Value mm
$\varnothing A$	80
$\varnothing B$	106
C	15

Part	Weight kg
EFF-080-SW	0.17

Documents

- [EFF_DoC_EN](#)
- [Handbook_EFF_202308](#)
- [UserManual_EFF_201909](#)