Series
FB

Series
FBV

■ Applications

Panel type air filters are applied for supply air and sometimes extract air purification in round duct ventilating and conditioning systems. Designed for protection of the air ducts, heat exchangers, control equipment and other ventilating equipment against dusting. The filters minimize wall and ceiling pollution near the air diffuser. Coarse filters can be used as first stage purification filters before more efficient filters.

■ Design

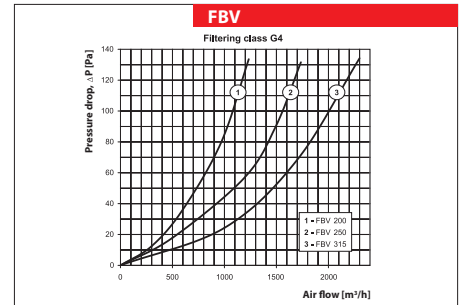The casing is made of galvanized steel. The filtering box has connecting flanges with rubber seals for airtight connection to the air 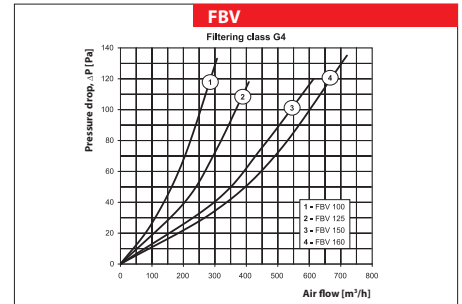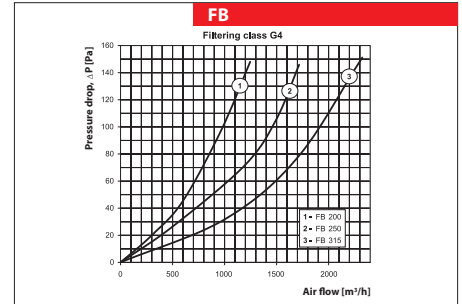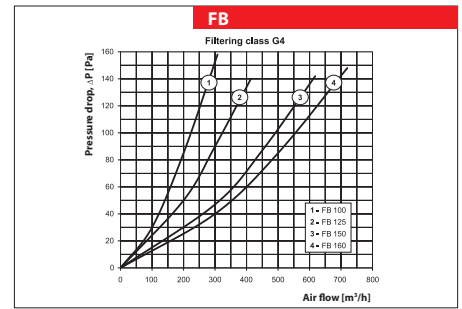ducts. The swing-out access door equipped with lever locks provides easy and quick access to the replaceable filtering element. The filtering element is made of non-woven fabric from synthetic fibers and is fixed on the steel frame.
- **FB filter** with flat filtering element (filtering class G4)
- **FBV filter** with V-filtering element with increased filtering area (filtering class G4).

■ Mounting

The filter design ensures its mounting on the round ducts by means of clamps with respect to air flow direction indicated with the pointer on the casing. Access for the fan maintenance shall be provided for the filter cleaning or replacement.
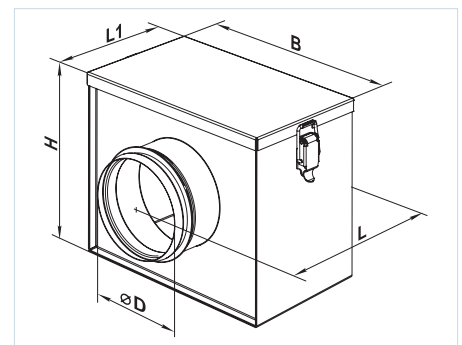
FB — Filtering class G4

FB — Filtering class G4

FBV — Filtering class G4

FBV — Filtering class G4

Overall dimensions

Type	Dimensions [mm]					Mass [kg]
	ØD	B	H	L	L1	
FB 100	99	210	175	215	123	1.4
FB 125	124	220	209	235	143	1.7
FB 150	149	270	237	250	158	2.5
FB 160	159	270	237	250	158	2.3
FB 200	199	320	279	275	183	3.1
FB 250	249	370	327	325	233	4.5
FB 315	314	430	392	425	333	6.7

Overall dimensions

Type	Dimensions [mm]					Mass [kg]
	ØD	B	H	L	L1	
FBV 100	99	233	175	215	123	1.4
FBV 125	124	243	209	235	143	1.7
FBV 150	149	293	237	250	158	2.2
FBV 160	159	293	237	250	158	2.2
FBV 200	199	343	279	275	183	3.1
FBV 250	249	393	327	325	233	4.2
FBV 315	314	453	392	425	333	6.3

Designation key

Series	Flange diameter [mm]
FB FBV SF SFV	100; 125; 150; 160; 200; 250; 315

Replaceable filter SF

Replaceable filter SFV