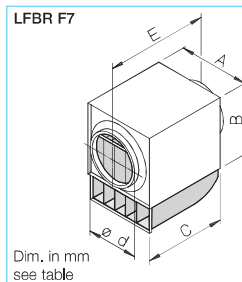
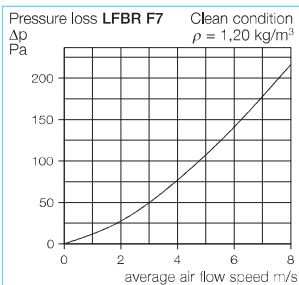
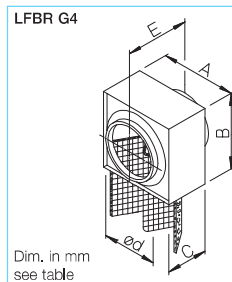
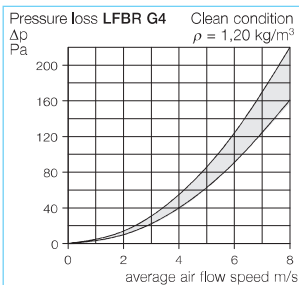


LFBR G4, filter class G4



LFBR F7, filter class F7



■ Air filter box LFBR

For in-line installation with circular ducting. Spigots on both ends are fitted with double lip rubber seals, matching nominal size ducting.

□ Casing

Made of galvanised sheet steel. Access panel fitted with clamp for easy filter change.

□ Filter

For types LFBR G4 made of

washable plastic fibre, class G4. Temperature resistant up to +100 °C. Fire resistant to DIN 53438 F1, self extinguishing, can be regenerated 10–15 times. 93.8% particle separation, dust storage capacity: 122 g/m².

For types LFBR F7 bag filter, class F7, made of synthetic polymer, 64 g/m². 98% particle separation, dust storage capacity: 88.6 g/m².

□ Installation

Suitable for installation in any position. A free space for a size of B must be allowed for easy removal of the filter.

□ Cleaning

Depending on the system a filter replacement is necessary if the pressure drop exceeds approximately 1.5 – 2 times of the original value. After removing the casing-cover pull out the filter element.

□ Spare filter mats

Due to decay, the mat may need to be replaced after cleaning several times.

□ Pressure loss

Air filters generate a resistance as shown on the curve above; the grey coloured area demonstrates the air filter resistance of different sizes that must be considered when designing the system.

■ Accessories

Differential pressure switch

Type DDS Ref. no. 0445

Complete kit to monitor air filters. Pressure range: 50 – 500 Pa.

■ Note

The integration of the filter with F7 filter class and differential pressure switch DDS (Ref. no. 0445) in external air systems comply with the requirements of VDI 6022.

Type	Ref. no.	Connection Ø d	Dimensions in mm				Weight approx. kg	Spare filter (Contents = 5 pieces)	
			A	B	C	E		Type	Ref. no.
Air filter box LFBR G4, filter class G4									
LFBR 100 G4	8576	100	205	170	120	227	1.5	ELFBR 100 G4	8585
LFBR 125 G4	8577	125	215	205	140	252	1.8	ELFBR 125 G4	8586
LFBR 160 G4	8578	160	265	235	155	267	2.4	ELFBR 160 G4	8587
LFBR 200 G4	8579	200	315	275	180	302	3.0	ELFBR 200 G4	8588
LFBR 250 G4	8580	250	365	325	230	352	4.2	ELFBR 250 G4	8589
LFBR 315 G4	8581	315	425	390	330	452	7.5	ELFBR 315 G4	8590
LFBR 355 G4	8583	355	515	495	455	587	12.0	ELFBR 355 G4	8592
LFBR 400 G4	8582	400	515	495	455	587	12.0	ELFBR 400 G4	8591
Air filter box LFBR F7, filter class F7								(Contents = 2 pieces)	
LFBR 100 F7	8530	100	204	204	400	480	3.5	ELFBR 100 F7	8300
LFBR 125 F7	8531	125	204	204	400	480	3.5	ELFBR 125 F7	8301
LFBR 160 F7	8532	160	294	295	400	480	4.3	ELFBR 160 F7	8302
LFBR 200 F7	8533	200	294	295	400	480	4.3	ELFBR 200 F7	8303
LFBR 250 F7	8534	250	424	385	480	600	5.2	ELFBR 250 F7	8304
LFBR 315 F7	8535	315	424	385	480	600	5.2	ELFBR 315 F7	8305
LFBR 355 F7	8536	355	504	505	600	720	6.6	ELFBR 355 F7	8306
LFBR 400 F7	8537	400	504	505	600	720	6.6	ELFBR 400 F7	8307