

## EUP(A,B,C) Filters

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As dust gradually accumulates in the filter, the air flow resistance will increase and this will cause the air flow to decrease. The filter must therefore be changed at regular intervals, the frequency being determined by the dust concentration in the air.

The need for changing the filter is normally indicated on some sort of manometer or pressure monitor.

A set of replacement filters should always be available for every unit.

This also applies to cleanable filter mats since the filters can then be changed and stoppage can be avoided when fouled filters need to be cleaned.

### Ordering replacement filters

Orders for replacement filters, and spare parts can be placed with your nearest Fläkt Woods sales representative.

### Replacement filters

#### Filter cassettes for the EUPA, set **EUPZ-01-bb-c-d**

Size **(bb)** \_\_\_\_\_  
11, 20, 21, 22, 30, 31, 32, 33, 40, 41, 42, 44,  
50, 51, 52, 53, 60, 62, 64, 71, 73, 80, 82, 84

Filter type **(c)** \_\_\_\_\_  
1 = filter class G 2, aluminium, cleanable  
2 = filter class G 3, synthetic, cleanable  
3 = filter class G 3, synthetic, disposable  
4 = filter class G 4, synthetic, cleanable

Material **(d)** \_\_\_\_\_  
1 = galvanized sheet steel  
2 = sheet steel

#### Filter mats for the EUPA, set **EUPZ-02-bb-c**

Size **(bb)** \_\_\_\_\_  
11, 20, 21, 22, 30, 31, 32, 33, 40, 41, 42, 44,  
50, 51, 52, 53, 60, 62, 64, 71, 73, 80, 82, 84

Filter type **(c)** \_\_\_\_\_  
2 = filter class G 3, synthetic, cleanable  
3 = filter class G 3, synthetic, disposable  
4 = filter class G 4, synthetic, cleanable

### Replacement filters

#### Filter inserts for EUPB, set **EUPZ-03-bb-cc-3-e**

Size **(bb)** \_\_\_\_\_  
11, 20, 21, 22, 30, 31, 32, 33, 40, 41, 42, 44,  
50, 51, 52, 53

Filter type **(cc)** \_\_\_\_\_  
03 = filter class EU 3 (G 85), synthetic  
04 = filter class EU 4 (G 90), synthetic  
05 = filter class EU 5 (F 45), synthetic  
26 = filter class F 6 rigid compact (e=2)  
27 = filter class F 7 rigid compact (e=2)  
28 = filter class F 8 rigid compact (e=2)  
29 = filter class F 9 rigid compact (e=2)

Bag length **(d)** \_\_\_\_\_  
3 = 360

Filter frame **(e)** \_\_\_\_\_  
1 = galvanized sheet steel  
2 = plastic (pp)

#### Filter inserts for EUPC and EUTA, set **EUPZ-04-bb-cc-d**

Size **(bb)** \_\_\_\_\_  
11, 20, 21, 22, 30, 31, 32, 33, 40, 41, 42, 44, 50, 51,  
52, 53, 60, 62, 64, 71, 73, 80, 82, 84

Filter type **(cc)** \_\_\_\_\_  
03 = filter class G 3, synthetic  
04 = filter class G 4, synthetic  
05 = filter class F 5, synthetic  
06 = filter class F 6, synthetic  
07 = filter class F 7, synthetic  
08 = filter class F 8, synthetic  
16 = filter class F 6, glass fibre  
17 = filter class F 7, glass fibre  
18 = filter class F 8, glass fibre  
19 = filter class F 9, glass fibre

Filter frame **(d)** \_\_\_\_\_  
1 = galvanized sheet steel  
2 = plastic (pp)

#### Pre-filter for the EUPC, set **EUPZ-05-bb-c**

Size **(bb)** \_\_\_\_\_  
11, 20, 21, 22, 30, 31, 32, 40, 41, 42, 50, 51, 52, 53,  
60, 62, 64, 71, 73, 80, 82, 84

Filter type **(c)** \_\_\_\_\_  
3 = filter class G 3, 50 mm glass fibre, cardboard cassette  
4 = filter class G 3, 50 mm glass fibre, steel cassette

# EUP(A,B,C) Filters (contd.)

Size -bb	Number of cassettes per set																							
	11	20	21	22	30	31	32	33	40	41	42	44	50	51	52	53	60	62	64	71	73	80	82	84
Full cassette	-	1	1	2	1	2	2	3	4	4	6	8	4	6	6	8	9	12	15	12	15	16	20	24
Half cassette	1	-	1	-	2	2	3	3	-	2	-	-	4	3	5	4	-	-	-	4	5	-	-	-
Quarter <sup>1)</sup> cassette	-	-	-	-	1	-	1	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-

1) Not on EUPA

## Changing the filter cassette of the EUPA short filter

- A. Open the inspection door.
- B. Remove the packaging from the new cassettes.
- C. Withdraw the old filter cassettes along the guide rails in the unit. For sizes 32, 33 and 41 - 53, use the hook supplied for withdrawing the inner cassettes as shown in Fig. 1.
- D. Pack the old cassettes into the packaging and seal it carefully.
- E. Insert the new filter cassettes along the guide rails as shown in Fig. 2, so that the sealing strip seals against the casing or the adjacent filter insert. Fit the cassette so that the arrows on the cassette and the casing of the unit section point in the same direction.
- F. Check that the sealing strip on the inspection door is not damaged and close the inspection door. If the pack is damaged, it must be replaced immediately.

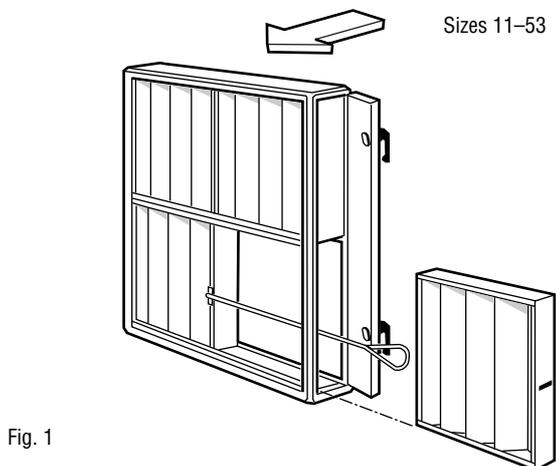


Fig. 1

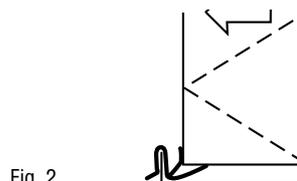


Fig. 2

When inserting the new filter cassettes, secure the sealing tabs as shown in Fig. 2.

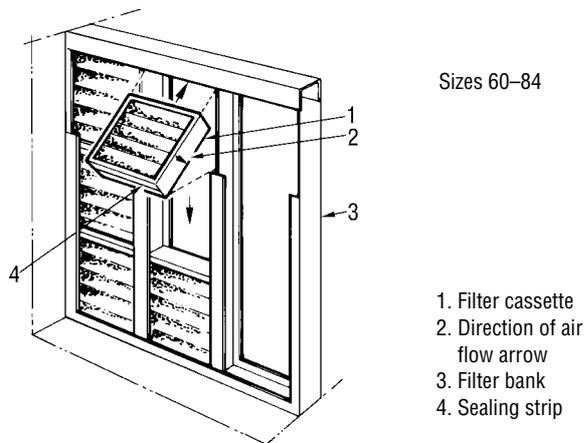


Fig. 3

## EUP(A,B,C) Filters (contd.)

### Changing the filter mat of the EUPA short filter

- A. Open the inspection door.
- B. If the mat is of disposable type, unpack the new filter mats.
- C. Withdraw the filter cassettes from the casing. For EUPA sizes 32, 33 and 41 – 53, use the hook supplied to withdraw the inner cassettes (see Fig. 1).
- D. Remove the filter mat from the cassettes.
- E. If the mat is of disposable type, pack the old mats into the packaging and seal it carefully.  
If the mat is cleanable, clean it as shown on page 4.
- F. Place the new or cleaned filter mat onto the cassette and press it down. Start in the centre of the cassette as shown in Fig. 4.  
Check that the filter mat extends right out of the cassette frame all around.
- G. Insert the new filter cassettes along the guide rails as shown in Fig. 2 and 3, so that the sealing strip seals against the casing or the adjacent filter insert. Fit the cassette so that the arrows on the cassette and the unit section point in the same direction.
- H. Check that the sealing strip on the inspection door is not damaged and close the inspection door. If the pack is damaged, it must be replaced immediately.

Caution! Cleanable filter mats must be inserted with the hard surface facing downstream in the direction of air flow (see Fig. 4).

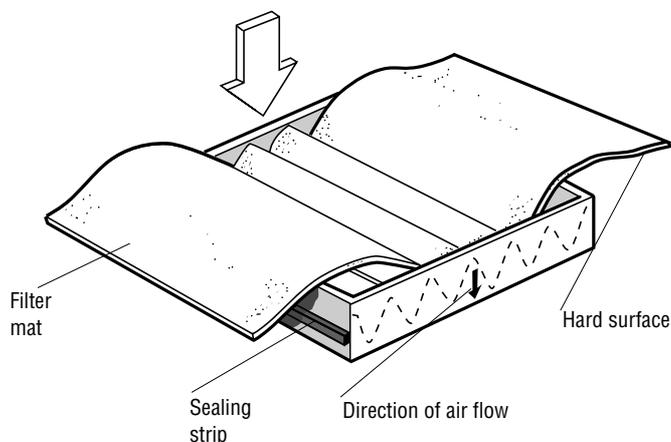


Fig. 4

### Cleaning the EUPZ-01 and -02 filters

- Alt. 1. Vacuum-clean, starting from the contaminated side of the filter.
- Alt. 2. Shake the filter with the contaminated side facing downwards.
- Alt. 3. Blow clean with compressed air or steam (at up to  $3 \text{ kp/cm}^2 = 300 \text{ kPa}$  or  $45 \text{ psi}$ ), starting from the clean side of the filter.
- Alt. 4. Wash or flush with warm water, with or without a synthetic detergent.  
Blow the filter dry with compressed air (at up to  $3 \text{ kp/cm}^2 = 300 \text{ kPa}$  or  $45 \text{ psi}$ ) or leave it to dry naturally.

## EUP(A,B,C) Filters (contd.)

### Changing the EUP(B,C) bag filter

- A. Open the inspection panel.
- B. Remove the packaging from the new filter inserts.
- C. Remove the filter cassettes by pulling the hand-actuated off-centre bolt (on the small sizes) or lever to disengage the locking mechanism and allow the cassettes to be easily withdrawn without damaging the sealing strips.
- D. Pack the old filter inserts into the packaging and seal it carefully.
- E. Insert the new filter inserts so that the factory-fitted sealing strips seal against the casing or the adjacent filter insert.
- Insert the filter inserts along the guide rails or in position in the locking springs in the unit casing.
- F. Check that the sealing strip is not damaged and push in the off-centre bolt again.
- G. Check that the sealing strip in the inspection panel is not damaged and refit the inspection panel. If the pack is damaged, it must be replaced immediately.

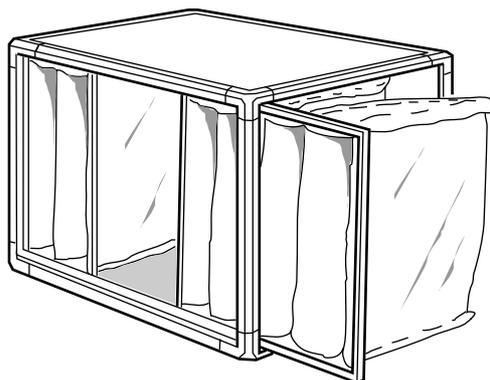


Fig. 4

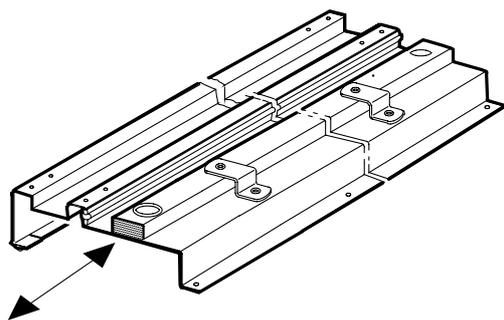


Fig. 5

Off-centre locking mechanism on the small sizes

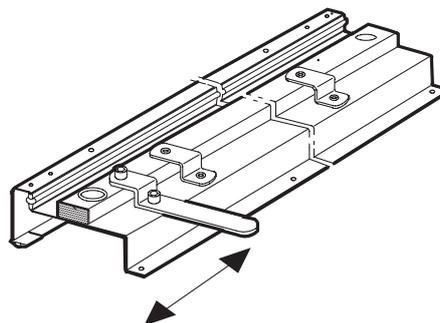


Fig. 6

Hand-actuated, off-centre locking mechanism

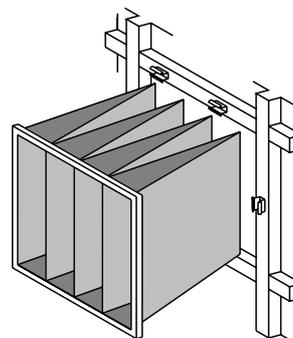


Fig. 7

Dirty side service, EUPC-60/84

Filter bank for servicing from the dirty side. The filter bag is held in place by means of locking springs. When changing the filter bags, make sure that the rubber gasket is intact.

## EUP(A,B,C) Filters

Dirty side service, Size 11-53

- A. Open the inspection door.
- B. Remove packaging from the new filters.
- C. Release the filters by operating the excentric locking beams.
- D. Lift out the lower excentric locking beam . Fig. 8
- E. Lift out the filter cassettes.
- F. Pack the dirty filters in the packaging removed from the new filters and seal tightly.
- G. Check that the filter seals on the filter frame are in good condition. If the pack is damaged, it must be replaced immediately. Fig. 8
- H. Fit the new filters.
- J. Replace the excentric locking beam on the locating pins and push the beam into the locked position. Fig. 9

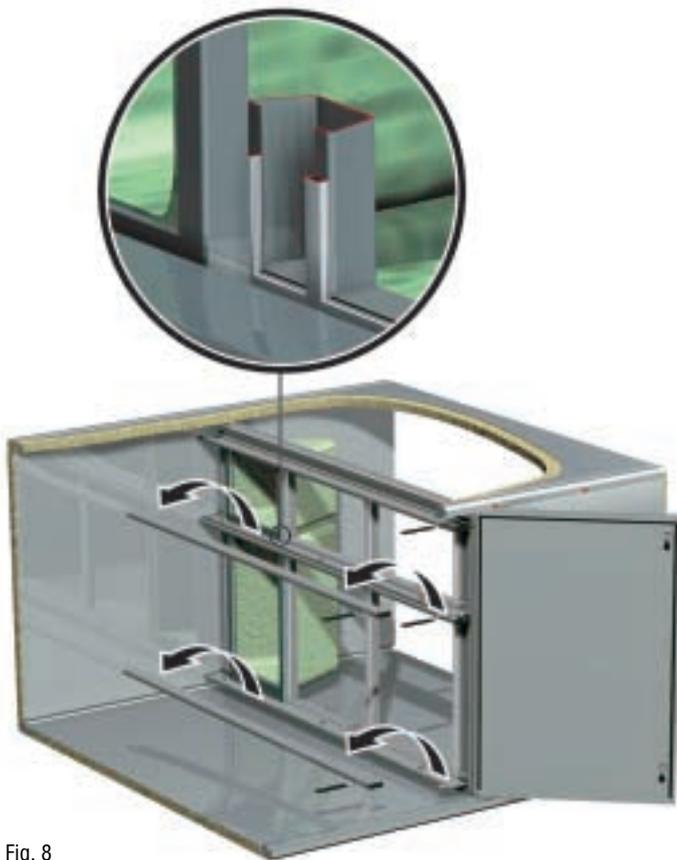


Fig. 8

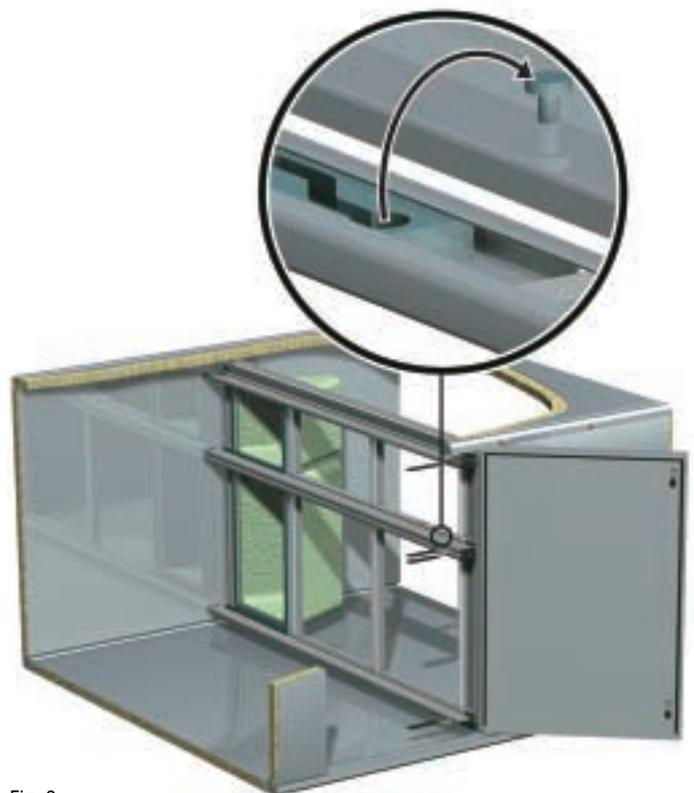


Fig. 9

## EUP(A,B,C) Filters

### Removal of the filter wall

On sizes 11-53 the filter wall can be removed for cleaning.

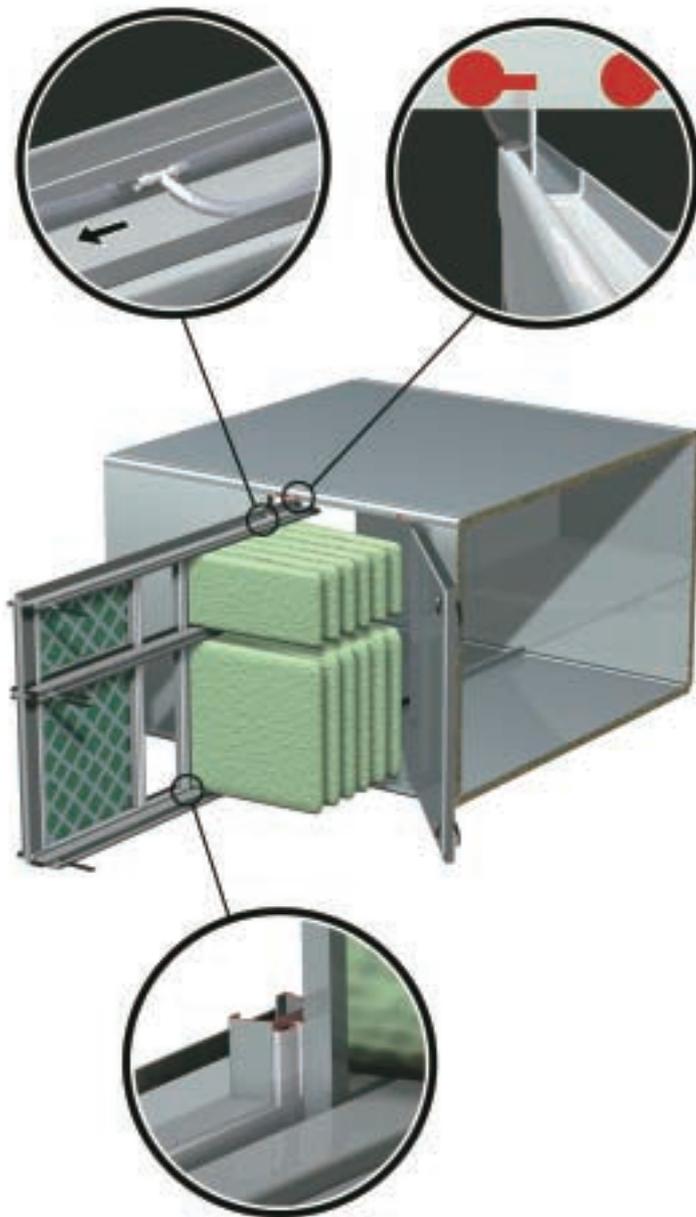


Fig. 10

Disconnect the tubing from the T-connector when removing the filter wall.

### Drain tray

Before cleaning remove the grille.



Fig. 11