Instructions for the BASIC BCFC Filter, Sizes 004–055

1. General

The BCFC filter section has long class F5 or F7 bag filters.

The BCFC consists of one or a number of cassettes with filter of throw-away type.

The filter can be recycled. The filter material is glass fibre and the cassette frames are as standard made of polypropylene plastic. The filter does not contain any metallic parts.

The cassettes run in guide rails, made of aluminium-zinc coated sheet steel to environment class M3, and are easy to withdraw.

The filter retainers have sealing strips and expansion locking devices for effective sealing.

The casing of the filter section is equipped with measurement tappings for connection to a U-tube manometer.

1.1 Specification

The version, size, etc. are specified in the delivery documents.

BCFC

2. Installation

Install the filter sections as indicted by the air flow direction arrow on the framework. Fit the filter cassettes with their filter-covered surface facing the direction of air flow.

Warning!
Do not open inspection doors on the pressurized side downstream of the fan while the fan is running. The door may otherwise fly open and cause personal injury.
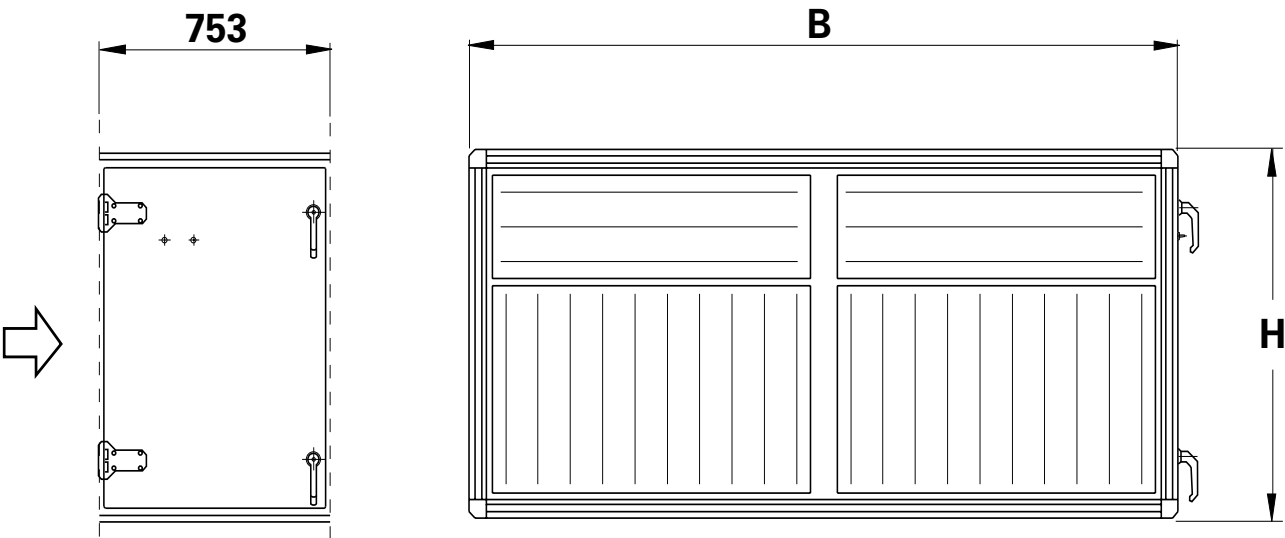
3. Maintenance

3.1 Filter replacement

The filter bags must be changed when the pressure drop in the filter is at the rated final pressure drop. However, it is advisable that they be replaced at least every six months. The Swegon Air Handling Unit Selection Program PMWIN is an indispensable aid for calculating the final pressure drop of the filters.

4. Technical data

4.1 Quantity of filter cassettes for each size

Cassette size \ Size of AHU	004	006	009	014	020	027	035	055
428X 428	2							
490X 490		2				4		
592X 592			2	1	3		8	10
490X 592				2		4		
592X 287					3			5

4.2 Dimensions

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B

H

BCFC	B	H	Wgt. Std.	Wgt. EI 30
004	1039	546	44	58
006	1259	656	58	74
009	1459	756	65	85
014	1759	906	80	103
020	1946	1026	96	121
027	2306	1206	108	138
035	2706	1406	138	173
055	3206	1656	169	210

Specifications are subject to alteration without notice.