



CONTROL-FLOW

COMMERCIAL ET INDUSTRIAL REPLACEMENT FILTER

CONTROL-FLOW filters provide medium to high efficiency performance over a longer service life provided by other types.

They may be operated at velocities up to 500 fpm, without fear of change in performance or media collapse to total HVAC system shut-off. It makes this filter ideal for variable air volume systems. Since performance is not affected by change in velocity. Initial resistance may be greatly reduced, energy use is reduced, and service life extended.



DESCRIPTION - CONSTRUCTION - SPECIFICATION

ENCLOSING FRAME

Lightweight, but rigid galvanized steel provides a durable housing for the filter pack.

MEDIA/FRAME BOND

Bonding the media to the frame provides extra strength to media pack and eliminates the possibility of air bypassing the media.

FILTERING MEDIA

Made of synthetic fiber, reinforced on the air outlet side. Specially produced and color coded for range of efficiency.

CONTROL-FLOW-PH

These models are available with a peripheral header for applications where existing side access housings require filters with headers.

CONTROL-FLOW

The standard model is used wherever a header frame is not required.

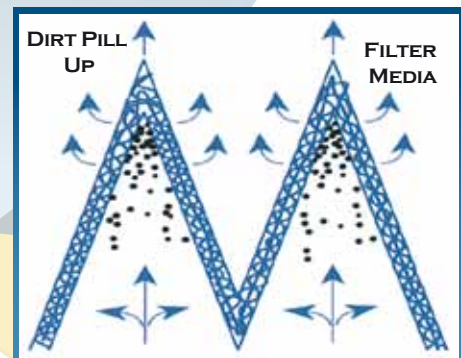
RADIAL PLEATS

Precisely formed for a maximum dust holding capacity, plus filter area utilization, with minimum pressure loss, and exten-

90/95% ASHRAE 52.1, MERV 15 tested in accordance with ASHRAE Standard 52.2.

80/85% ASHRAE 52.1, MERV 13 tested in accordance with ASHRAE Standard 52.2.

60/65% ASHRAE 52.1, MERV 11 tested in accordance with ASHRAE Standard 52.2.



MEDIA SUPPORT GRID

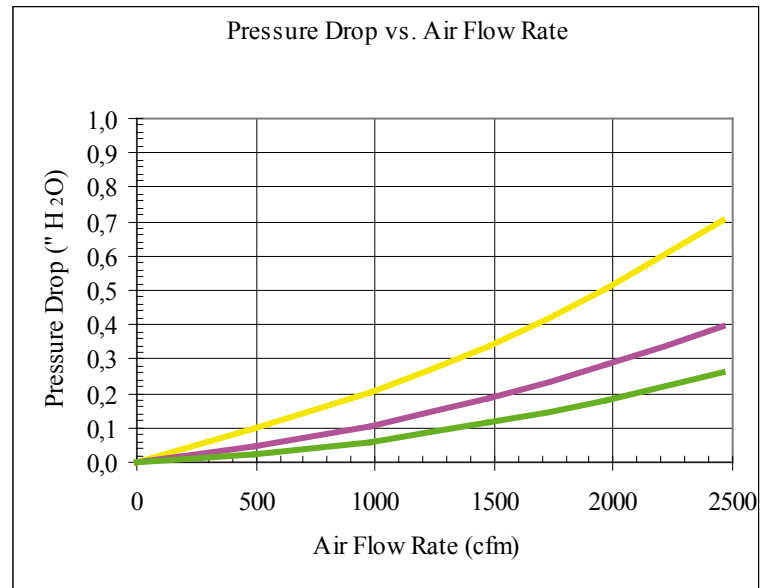
The media support shall be a wire grid with an effective area of not less than 96 %. The wire grid shall be bonded to the filter media on the downstream side, to aid in radial shaping and to prevent media oscillation or pull away.

PLASTIC REINFORCED MEDIA STABILIZERS

4 plastic stabilizers are permanently instal on both side of the media pack to keep equal distance to prevent pleat collaps.

STEEL DIAGONAL SUPPORT BRACES

The enclosure frame is supplied with galvanized support braces, permanently fixed to both sides.



Standard Control-Flow

	Nominal Size (H X L X P)	Model #	Capacity CFM		Initial res. (En W.G.)		Area Sq. ft (+/-)
			Med.	High	Med.	High	
90-95%(MERV 15)	24x24x6	CF9-424-6	500	1000	0,21	0,51	29
	24x12x6	CF9-412-6	250	500	0,21	0,51	15
	20x20x6	CF9-020-6	400	825	0,21	0,51	19
	24x20x6	CF9-420-6	425	850	0,21	0,51	25
	24x24x12	CF9-424-12	1000	2000	0,21	0,51	58
	24x12x12	CF9-412-12	500	1000	0,21	0,51	29
	20x20x12	CF9-020-12	700	1400	0,21	0,51	39
	24x20x12	CF9-420-12	850	1700	0,21	0,51	50
	80-85%(MERV 13)	24x24x6	CF8-424-6	500	1000	0,10	0,29
24x12x6		CF8-412-6	250	500	0,10	0,29	15
20x20x6		CF8-020-6	400	825	0,10	0,29	19
24x20x6		CF8-420-6	425	850	0,10	0,29	25
24x24x12		CF8-424-12	1000	2000	0,10	0,29	58
24x12x12		CF8-412-12	500	1000	0,10	0,29	29
20x20x12		CF8-020-12	700	1400	0,10	0,29	39
24x20x12		CF8-420-12	850	1700	0,10	0,29	50
60-65%(MERV 11)		24x24x6	CF6-424-6	500	1000	0,05	0,18
	24x12x6	CF6-412-6	250	500	0,05	0,18	15
	20x20x6	CF6-020-6	400	825	0,05	0,18	19
	24x20x6	CF6-420-6	425	850	0,05	0,18	25
	24x24x12	CF6-424-12	1000	2000	0,05	0,18	58
	24x12x12	CF6-412-12	500	1000	0,05	0,18	29
	20x20x12	CF6-020-12	700	1400	0,05	0,18	39
	24x20x12	CF6-420-12	850	1700	0,05	0,18	50

Control-Flow With Header

	Nominal Size (H X L X P)	Model #	Capacity CFM		Initial res. (En W.G.)		Area Sq. ft (+/-)
			Med.	High	Med.	High	
90-95%(MERV 15)	24x24x6	CF9-424-6PH	500	1000	0,28	0,58	26
	24x12x6	CF9-412-6PH	250	500	0,28	0,58	13
	20x20x6	CF9-020-6PH	400	825	0,28	0,58	17
	24x20x6	CF9-420-6PH	425	850	0,28	0,58	21
	24x24x12	CF9-424-12PH	1000	2000	0,28	0,58	50
	24x12x12	CF9-412-12PH	500	1000	0,28	0,58	25
	20x20x12	CF9-020-12PH	700	1400	0,28	0,58	37
	24x20x12	CF9-420-12PH	850	1700	0,28	0,58	42
	80-85%(MERV 13)	24x24x6	CF8-424-6PH	500	1000	0,19	0,37
24x12x6		CF8-412-6PH	250	500	0,19	0,37	13
20x20x6		CF8-020-6PH	400	825	0,19	0,37	17
24x20x6		CF8-420-6PH	425	850	0,19	0,37	21
24x24x12		CF8-424-12PH	1000	2000	0,19	0,37	50
24x12x12		CF8-412-12PH	500	1000	0,19	0,37	25
20x20x12		CF8-020-12PH	700	1400	0,19	0,37	37
24x20x12		CF8-420-12PH	850	1700	0,19	0,37	42
60-65%(MERV 11)		24x24x6	CF6-424-6PH	500	1000	0,10	0,24
	24x12x6	CF6-412-6PH	250	500	0,10	0,24	13
	20x20x6	CF6-020-6PH	400	825	0,10	0,24	17
	24x20x6	CF6-420-6PH	425	850	0,10	0,24	21
	24x24x12	CF6-424-12PH	1000	2000	0,10	0,24	50
	24x12x12	CF6-412-12PH	500	1000	0,10	0,24	25
	20x20x12	CF6-020-12PH	700	1400	0,10	0,24	37
	24x20x12	CF6-420-12PH	850	1700	0,10	0,24	42



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