

VOKES

Supervee and Multivee 99 panel air filters

APPLICATIONS

Heating and ventilating systems where a higher efficiency than a Veeglass filter is required, e.g. paint finishing, chemical laboratories, hospitals, textile plant, distilleries, food processing and retail shops.

Prefilter for high efficiency systems.

PANEL CONSTRUCTION

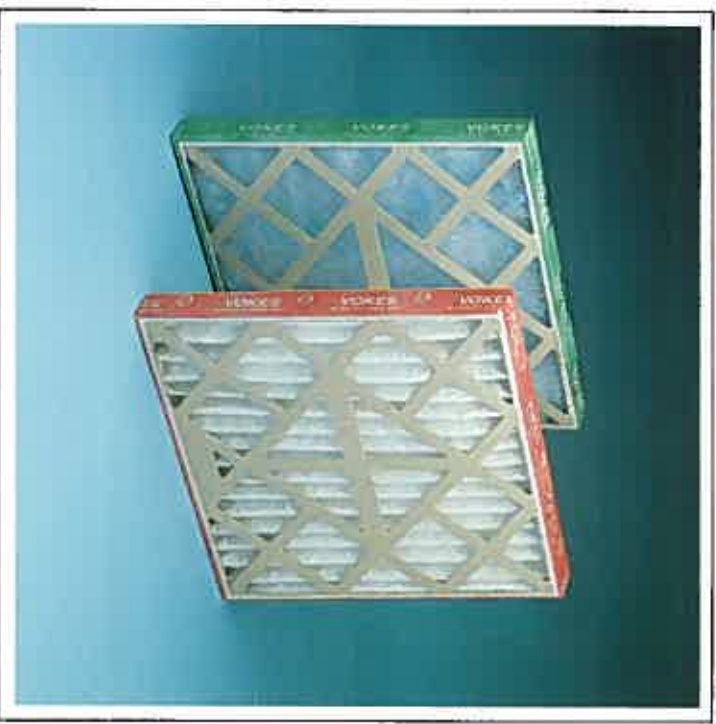
Supervee

Supervee panel filters are manufactured from pleated Veelon media, wire backed to provide maximum support and retained in a rigid cardboard frame 50mm deep.

Multivee 99

Similar to Supervee panels, but employing two stage filtration by the addition of a pad of Veeglass media to improve performance.

RANGE

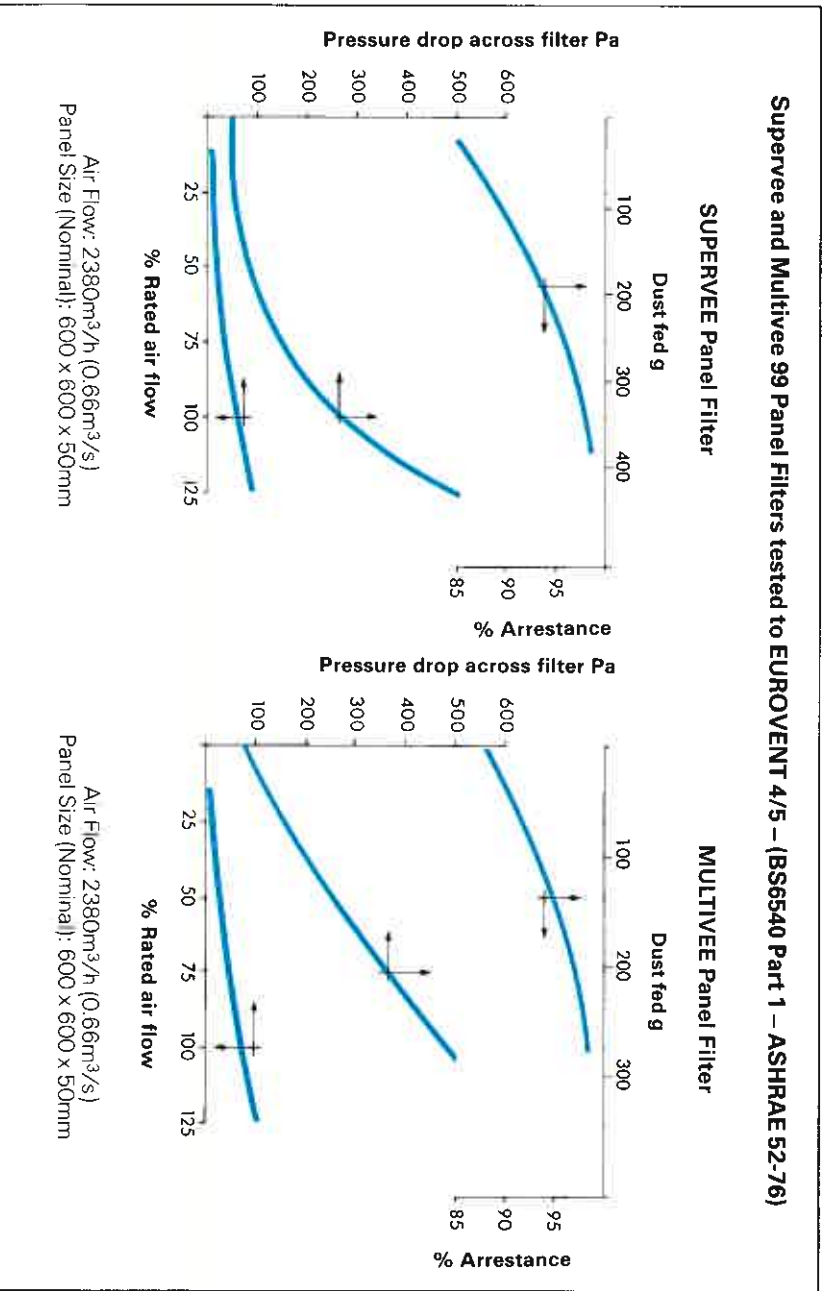


Metric size range					
Panel Size (Actual Dimensions) mm	Supervee Type Designation	Supervee Order *Part No	Multivee Type Designation	Multivee Order *Part No	Nominal Air Flow m ³ /hr
250 x 250 x 50	SV/1	C96205/1	MV/1	C96206/1	425
250 x 500 x 50	SV/2	C96205/2	MV/2	C96206/2	850
378 x 378 x 50	SV/3	C96205/3	MV/3	C96206/3	935
375 x 498 x 50	SV/4	C96205/4	MV/4	C96206/4	1280
450 x 450 x 50	SV/5	C96205/5	MV/5	C96206/5	1360
399 x 498 x 50	SV/6	C96205/6	MV/6	C96206/6	1360
399 x 625 x 50	SV/7	C96205/7	MV/7	C96206/7	1700
492 x 492 x 50	SV/8	C96205/8	MV/8	C96206/8	1700
500 x 627 x 50	SV/9	C96205/9	MV/9	C96206/9	2130
594 x 594 x 50	SV/10	C96205/10	MV/10	C96206/10	2380
302 x 302 x 50	SV/11	C96205/11	MV/11	C96206/11	595
594 x 296 x 50	SV/12	C96205/12	MV/12	C96206/12	1190
Imperial size range					
Panel Size (Nominal Dimensions) in	Supervee Type Designation	Supervee Order *Part No	Multivee Type Designation	Multivee Order *Part No	Nominal Air Flow m ³ /hr
20 x 20	SV/X/8	E70802/8	MV/X/8	D6826668/8	1700
24 x 24	SV/X/10	E70802/10	MV/X/10	D6826668/10	2380
20 x 20 (Re-usable filter panel)	—	—	MV/X/8R	D24083	1360

* All packs contain 5 panels

PERFORMANCE

Supervée and Multivee 99 Panel Filters tested to EUROVENT 4/5 – (BS6540 Part 1 – ASHRAE 52.76)



Grade and Type	Nominal Face Velocity m/s	Initial Pressure Drop Pa	EUROVENT 4/5 BS6540 Part 1 ASHRAE 52.76		EU No
			Average t Arrestance %	Arrestance Load g/m ²	
Supervée Panel	2.5	80	90	1000	EU4
	2.0	65			
Multivee 99 Panel	2.0	105	92	750	EU4
	1.5	70			

TEMPERATURE AND HUMIDITY Maximum working temperature **100°C** Maximum relative humidity **80%**

† At final Δp of 500 Pa

Vokes recommend changing filters when there is a rise of 125 Pa over clean resistance.



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