

PerfectPleat® High Capacity

A Unique Range of Panel Filters

- *Unique self-supporting media*
- *Consistent pleat spacing*
- *High integrity media retains its shape and form*
- *No metal parts - fully incinerable*
- *Water resistant frame*
- *Class G4 to EN779:2002*



The Filter

The PerfectPleat® High Capacity is a range of extended surface panel filters which feature a self supporting media pack housed in a rigid water repellent beverage board frame.

PerfectPleat® panel filters offer a consistency in pleat spacing brought about by a combination of a unique pleating technology which folds the pleats with great accuracy, a unique media fibre structure and pleat stabilizers fixed to the media pack on the air leaving side that ensures media pack stability. These pleat stabilizers in combination with pleat support straps on

the air entering side ensure a sturdy, high integrity range of filters that can withstand rigorous handling and operating conditions and which display excellent initial resistance and dust arrestance.

The Media

The PerfectPleat® media is made of a controlled and repeatable blend of size specific virgin fibres. The media is self-supporting and remarkably durable, with a built-in 'memory'.

This unique 'memory' feature ensures that the filter media retains its shape throughout its service life - even if the filter frame is

compromised. Since the filter media is completely self-supporting, no metal wire supports are used.

This metal free feature means no rust formation on the filter and improved safety as metal parts can cause cuts during handling. The PerfectPleat® HC is available in class G4 in accordance with EN779:2002.

Water Repellent Frame

A high quality, water repellent beverage board frame is securely glued to the media pack with a sealant to create a solid construction, enabling the filter to be used in wet conditions.

PerfectPleat® High Capacity



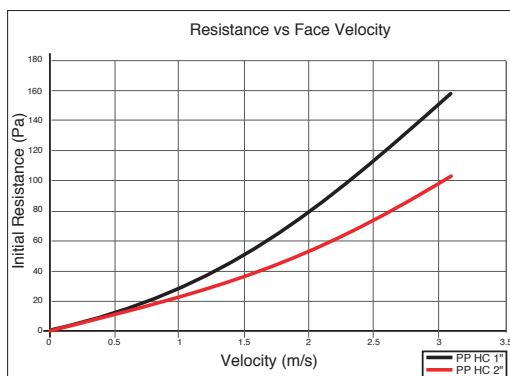
PerfectPleat: airfilter with excellent form and fit.



PerfectPleat can withstand significant damage.



PerfectPleat memory retains integrity after damage.



Size (Inch) (WxHxD)	Dimensions (mm) (WxHxD)	Rated Airflow Capacity (m ³ /h)			No. Pleats /Filter HC	Media Area (m ²) HC
		1.5 m/s	2.5 m/s	3.12 m/s		
10x20x2	242x492x44	680	1190	1445	11	0.48
12x20x2	292x495x44	850	1445	1785	14	0.61
12x24x2	289x594x44	1020	1700	2125	14	0.74
14x25x2	344x622x44	1275	2040	2550	16	0.88
15x20x2	369x492x44	1105	1785	2210	17	0.75
15x25x2	369x622x44	1360	2210	2805	17	0.94
16x16x2	394x394x44	935	1530	1870	19	0.66
16x20x2	394x495x44	1150	1870	2380	19	0.84
16x24x2	391x594x44	1360	2295	2805	19	1.00
16x25x2	394x622x44	1145	2380	2975	19	1.05
18x25x2	445x622x44	1615	2635	3315	21	1.16
18x24x2	442x594x44	1530	2550	3230	21	1.10
20x20x2	495x495x44	1145	2380	2975	24	1.06
20x24x2	492x594x44	1700	2805	3570	24	1.26
20x25x2	495x622x44	1785	2975	3655	24	1.33
24x24x2	594x594x44	2040	3400	4250	29	1.53
25x25x2	622x622x44	2210	3655	4590	30	1.66
10x10x1	242x242x19	340	595	-	11	0.11
10x20x1	242x495x19	680	1190	-	11	0.22
12x12x1	292x292x19	510	850	-	14	0.16
12x20x1	292x495x19	850	1145	-	14	0.29
12x24x1	289x594x19	1020	1700	-	14	0.34
14x20x1	344x495x19	1020	1700	-	16	0.32
14x25x1	344x622x19	1275	2040	-	16	0.42
15x20x1	369x495x19	1105	1785	-	17	0.35
16x16x1	394x394x19	935	1530	-	19	0.30
16x20x1	394x495x19	1105	1870	-	19	0.39
16x25x1	394x622x19	1445	2380	-	19	0.49
18x20x1	445x495x19	1275	2125	-	21	0.43
18x24x1	442x594x19	1530	2550	-	21	0.52
18x25x1	445x622x19	1615	2635	-	21	0.54
20x20x1	495x495x19	1445	2380	-	24	0.49
20x25x1	495x622x19	1785	2975	-	24	0.62
24x24x1	594x594x19	2040	3400	-	29	0.71
25x25x1	622x622x19	2210	3740	-	30	0.78

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AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

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