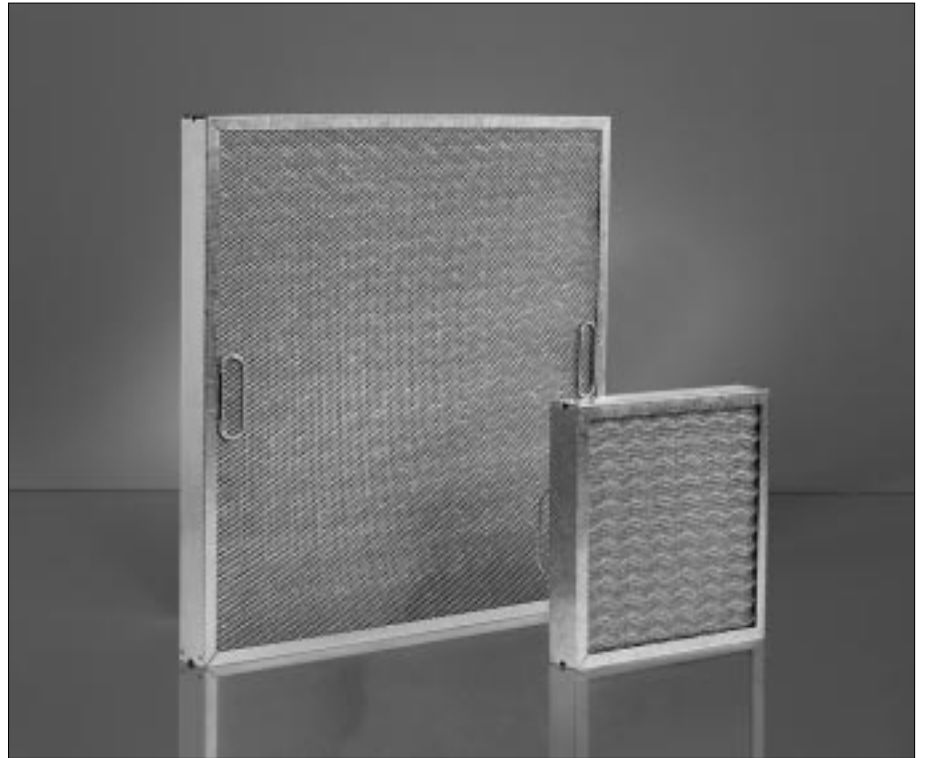




HV2000®

Lightweight Permanent Washable Air Filter

- Reduces maintenance costs
- Improves hygiene
- Lightweight and easy to install
- Classified G2 and G3 according to EN779 when impregnated with Viscosine
- Reusable after washing



Applications & Classifications

HV2000 permanent washable air filters are designed to collect grease and oil mist in kitchens, but are also suitable for use as prefilters in heavy duty HVAC and non-pulsating machinery intake installations - when impregnated with AAF's exclusive dirt trap adhesive BA Viscosine. The filter is always supplied in the dry state - without Viscosine. If Viscosine is required this has to be carried out on site. When impregnated with BA Viscosine the filter is classified G3, while in the dry state the filter has a rating of G2 in accordance with EN779.

Sturdy, Reliable Construction

Lightweight and only 48mm deep,

HV2000 is available in either a fully galvanized or stainless steel execution. The media pack consists of a multiple layer of undulating metal sheets formed into a herring bone structure in combination with fine layers of expanded metal sheets. This multiple layer design creates an effective grease holding barrier, while allowing clean air to move unhindered through the media. Faceguards on the air leaving and air entering sides provide ample protection for the media pack and contribute to the filter's sturdy construction and appearance. The filters display a uniform high cleaning efficiency over a wide range of velocity which is advantageous when air volumes cannot be pre-

determined or when a change in air volume is necessary.

The filter is available with or without handles.

Easy to Clean

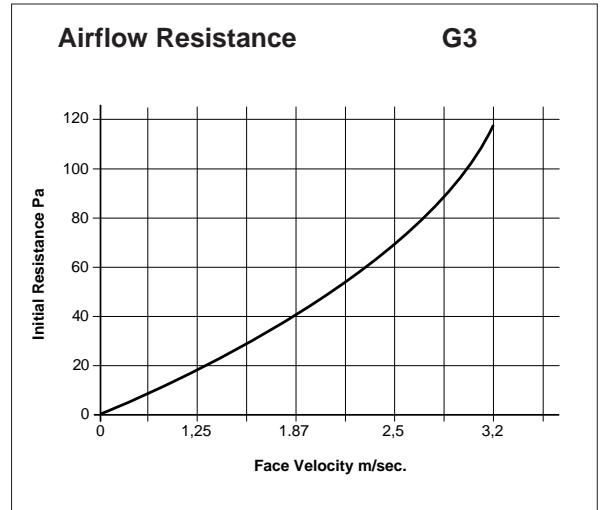
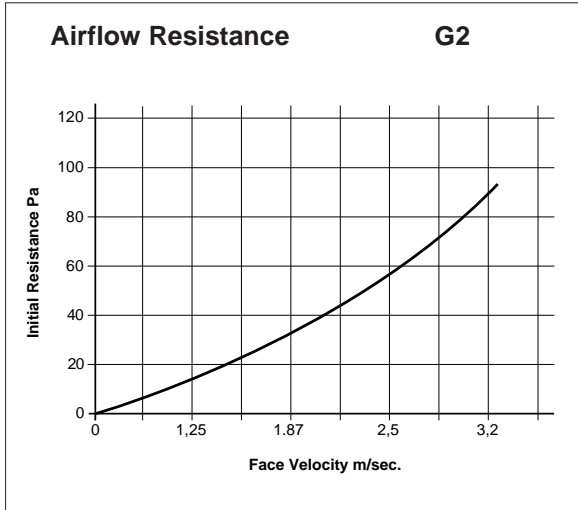
HV2000 can be washed in a solution of detergent and warm water and cleaned cells can be re-impregnated with Viscosine dirt trap adhesive. Special washing and charging tanks are available upon request.



B E T T E R A I R I S O U R B U S I N E S S ®



HV 2000®



Technical Data

Nominal size (inches)	Actual size (mm)	Airflow capacity (m ³ /h at 2.5 m/s)	Weight kg		Part number Version A	Part number Version C
			Version			
			A	C		
10x20x2	245x493x48	1100	2,2	2,1	70-2100-1109	70-2100-0110
12x24x2	290x594x48	1700	3,1	3,0	70-2100-1110	70-2100-0111
16x20x2	391x493x48	1750	3,5	3,4	70-2100-1111	70-2100-0112
16x25x2	391x620x48	2200	4,3	4,2	70-2100-1112	70-2100-0113
20x20x2	493x493x48	2200	4,3	4,2	70-2100-1113	70-2100-0114
20x25x2	493x620x48	2800	5,4	5,3	70-2100-1114	70-2100-0115
24x24x2	594x594x48	3400	6,3	6,2	70-2100-1115	70-2100-0116

Note

1. Data in table is specific for galvanized steel execution of filter.
2. Filter is also available in stainless steel execution.
3. Actual size has tolerance on width / length of + 0 / -2 mm and + 0 / -1 mm in depth.

**A = With handle
C = Without handle**

Technical Data	With Viscosine	Dry
Recommended face velocity (m/s)	2.5	2.5
Initial resistance (Pa)	70	55
Recommended final resistance (Pa)	250	250
Average arrestance according to EN779 (%)	G3	G2
ASHRAE dust test (%)	80-85	60-65
Dust holding capacity (24x24 cell at 250 Pa final resistance) (gr)	1645	560
Maximum operating temperature (°C)	150	300

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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.