



## WASHABLE PANEL FILTER

### Introduction

Manufactured in accordance with EN779:2012, G4 panel filters provide coarse particulate filtration for particles up to 10 µm. The filter media delivers low initial pressure drop and consistent airflow performance, supporting efficient system operation and extending the service life of downstream fine filtration stages.

### Overview

<b>Efficiency</b>	G4 (EN779.)
<b>Specifications</b>	Aluminum frame / Non-woven synthetic media.
<b>Features</b>	Reliable, international dimensions, compact structure and washable media.
<b>Applications</b>	Prefilters for AHUs and ventilation systems, including gas turbines and other critical industrial applications.

### Uses

Panel Filters are primary pre-filters used in HVAC systems to capture large dust particles and airborne debris. Positioned as the first stage of filtration, they extend the life of secondary and HEPA filters while supporting efficient airflow and reliable system performance.

Model	Size in mm (WxHxD)	Efficiency EN779:2012	Initial Resistance / Pa	Rated Airflow / m³/h	Suggested Final Resistance	Filter Material	Weight	Carton Size	Pcs Per Carton
APP595X595X48-G4	595x595x48	G4	105Pa ±10%	3400m³/h	200-250Pa	All Aluminium Alloy Frame + Washable Media Material. (This applies to all filters).	1.8kg	600x300x600	6
APP495X595X48-G4	495x595x48	G4	105Pa ±10%	2800m³/h	200-250Pa		1.4kg	600x300x600	6
APP395X595X48-G4	395x595x48	G4	105Pa ±10%	2250m³/h	200-250Pa		1.2kg	600x300x600	6
APP295X595X48-G4	295x595x48	G4	110Pa ±10%	1700m³/h	200-250Pa		1.0kg	600x300x600	12
APP495X620X48-G4	495x620x48	G4	105Pa ±10%	2900m³/h	200-250Pa		1.5kg	620x315x645	6
APP495X495X48-G4	495x495x48	G4	110Pa ±10%	2300m³/h	200-250Pa		1.3kg	600x300x600	6
APP395X495X48-G4	395x495x48	G4	110Pa ±10%	1850m³/h	200-250Pa		1.1kg	600x300x600	6
APP395X620X48-G4	395x620x48	G4	105Pa ±10%	2350m³/h	200-250Pa		1.3kg	620x315x645	6
APP395X395X48-G4	395x395x48	G4	110Pa ±10%	1500m³/h	200-250Pa		0.9kg	600x300x600	6





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### Resistance Test

Airflow m <sup>3</sup> /h	Resis Pa
1500	30
2000	40
2500	58
3000	78
3400	95
4000	120
4500	140
5000	165

Resistance, Pa

### Resistance Test Curve

