

# Technical Specifications

	<b>Perfect 16 ID-2225</b>	<b>Perfect 16 ID-2530</b>
Dimensions (width x length x height)	54 x 64 x 54 cm	64 x 74 x 54 cm
Weight	approx. 27 kg	approx. 33.5kg
Power Requirements	None, no electrical parts	None, no electrical parts
Rating	MERV 16 rated at 295 fpm (2000 m <sup>3</sup> /h)	MERV 16 rated at 192 fpm (3400 m <sup>3</sup> /h)
Efficiency	≥95% for particles 0.3µm and greater ≥75% for particles 0.003 µm and greater	≥95% for particles 0.3 µm and greater ≥75% for particles 0.003µm and greater
Maximum Recommended Airflow	2040 m <sup>3</sup> /h	3400 m <sup>3</sup> /h
Pressure Drop	0.18" wc at 2000m <sup>3</sup> /h	0.22" wc at 3400 m <sup>3</sup> /h
Insulation	Pre-installed, fiberglass-free aluminum-foam insulation	Pre-installed, fiberglass-free aluminum-foam insulation
Minimum Efficiency Reporting Value (MERV)	MERV 16 @ 498 fpm (2.5 m/s)	MERV 16 @ 492 fpm (2.5 m/s)
Rated Airflow	1400 cfm (2380 m <sup>3</sup> /h)	2000 cfm (3400 m <sup>3</sup> /h)
Composite Average Efficiency	E1 (0.3 – 1.0 µm) = 96.7% E2 (1.0 – 3.0 µm) = 97.7% E3 (3.0 – 10.0 µm) = 98.5%	E1 (0.3 – 1.0 µm) = 96.9% E2 (1.0 – 3.0 µm) = 97.8% E3 (3.0 – 10.0 µm) = 98.3%
Media Area	170 sq ft. (16 m <sup>2</sup> )	210 sq ft. (19.5 m <sup>2</sup> )