

5.0 COMPARISON BETWEEN AC FILTERS AND PURITY TECH

CATEGORY	STANDARD FILTER	HEPA	ACTIVATED CARBON	ELECTROSTATIC	PURITY TECH
Dust block	★★☆☆☆	★★★★☆	★★☆☆☆	★★★☆☆	★★★★★
Block PM10 / PM2.5	★☆☆☆☆	★★★★★	★☆☆☆☆	★★☆☆☆	★★★★★
Bacteria block	No	95–99%	No	Partial	99%
Virus block	No	Partial	No	No	Certificate
VOC/odor blocker	No	No	Yes	No	Medium-high
Anti-pollutant chemicals	No	No	Partial	No	Complete
Humidity reduction	No	No	No	No	Yes
Air flow decrease	Low	High	Middle	Low	Very low
Average duration	30 days	3–6 months	2–3 months	6–12 months	6 months
Operating cost	Low	High	Middle	Middle	Long-term low
Compatible existing AC	Yes	Modifications	Yes	Yes	Perfectly

FEATURE	PURITY TECH PERFORMANCE
Antiviral	Certified antiviral coating
Antibacterial	99% elimination
Particles	Excellent PM10/PM2.5
VOC	High removal
Humidity	Anti-moisture
Airflow	Minimal loss
Lifespan	6 months

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ENVIRONMENT	OTHERS	PURITY TECH
Apartments	Medium	Excellent
Villas	Medium	Excellent
Offices	Medium	Excellent
Hotels	Low–Medium	Excellent
Schools	Medium	Antiviral Excellent
Hospitals	High only with HEPA	Hospital-grade

FEATURE	DESCRIPTION
Concept	Combined HEPA+Carbon+Antiviral+Anti-moisture
Benefits	Max protection + long lifespan
Compatibility	Works on any AC
Technology	Patented Italian coating