Air Purifier-435*235*500mm, 100W



ITEM	DESCRIPTION
1. Product Name	Multi-functional Fume & Dust Purifier
2. Model	100W Single flexible hose type
3. Rated Powe	100W
4. Noise Level	＜55dB
5. Purification Efficiency	99.99%
6. Hose Feature	360° rotatable & bendable, flame retardant, good air tightness

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7. Recommended Working Distance	Optimal distance between hood and smoke source: 100–150 mm
8. Application Scenarios	✅ Laser Engraving ✅ Laser Marking ✅ Artificial Soldering ✅ Artificial Polish & Dust Collection ✅ Repair work ✅ Small-scale soldering /light welding ❌ Not suitable for heavy arc welding / high-current fusion welding (TIG, MIG etc.)
9. Filtration System	3-stage tower filtration 1. Pre-filter (Polyester fiber): intercept large particles 2. Medium filter (Glass fiber): capture fine dust 3. High-efficiency filter (Coconut shell activated carbon): adsorb VOC, odor & harmful gas
10. Filter Replacement Cycle	1. Pre-filter: clean /replace every 7–15 days 2. Medium filter: replace every 1–3 months 3. High-efficiency filter: replace every 3–6 months ⚠ Cycle varies according to actual smoke concentration, for reference only

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11. Core Features	・Strong suction ・Multi-layer purification ・Adjustable suction knob ・Low noise & energy saving ・Easy hose installation & maintenance
12. Important Notes	1. Do NOT use above 60℃, in humid, flammable or liquid splash areas 2. High voltage inside. Disassembly only by qualified technician 3. Do not block air inlet/outlet; ensure tight seal after filter replacement 4. Original filter cartridge recommended for stable performance 5. Avoid strong cross-airflow around the hood, it will reduce capture efficiency
13. Disclaimer	This unit is designed for light soldering, laser processing and polishing dust extraction. No third-party test report for heavy arc welding metal fume, ozone or NOx. Performance for heavy arc welding is not guaranteed.