

OFFICIAL B2B ENGINEERING SPECIFICATION DOSSIER · BESTCLEAN-DOC-2026-05

H13/H14 HEPA FILTERS, GEL-SEAL HOODS, EC/AC FFU & COMMERCIAL AIR SCRUBBERS

EN 1822 / ISO 29463 PAO/DOP Scanned · 575×575 / 1175×575 / 1175×1175 FFU · Restoration Scrubbers

Executive Engineering Summary: Our automated mini-pleat filter line in Zhangzhou produces H13 (99.99% @ 0.3 um), H14 (99.995% @ 0.3 um), and U15 ULPA filters using superfine glass-fiber paper and two-part polyurethane sealant, paired with SUS304/Aluzinc Fan Filter Units (FFU) and heavy-duty portable HEPA negative air scrubbers for North American/European restoration fleets.

1. Quantitative Engineering, Compliance & FOB Xiamen Reference Matrix

Product Line & Standard Size	Filtration Grade & Airflow	Motor, Acoustic & Pressure Drop	Frame / Housing & Control Options	Ref. FOB Xiamen (USD)
Mini-Pleat HEPA H13 / H14 Filter	610×610×69 or 1220×610×69 mm	99.99% (H13) / 99.995% (H14) @ 0.3um · Init. dP 160–210 Pa	Anodized aluminum frame · PU gasket or Blue Gel-Seal channel	\$38 – \$145 / pc
Gel-Seal Terminal HEPA Diffuser	630×630 or 1250×630 mm hood	H14 knife-edge fluid tank seal (zero bypass leakage)	SUS304 / powder-coated steel box + PAO test port + damper	\$135 – \$260 / set
FFU-575 / FFU-1175 (AC / EC)	575×575×320 or 1175×575×320 mm	0.45 m/s +-20% · 1,000–1,800 m³/h + H13/H14 filter	EC brushless or AC 3-speed · < 52 dB(A) · Modbus group control	\$165 – \$295 / unit
FFU-1175×1175 (Large Grid)	1175 × 1175 × 350 mm	0.45 m/s · 2,200–2,800 m³/h · ISO 5/6 semiconductor ceiling	SUS304 or Aluzinc · 110V/220V 50/60Hz · Golden-cone impeller	\$280 – \$360 / unit
Commercial HEPA Air Scrubber	500 – 2,000 CFM Portable	G4 Pre-filter + Activated Carbon + True HEPA 99.97%@0.3um	Stackable housing · Variable speed · GFCI daisy-chain (US/EU)	\$290 – \$680 / unit

2. BESTCLEAN / BERKING Factory Verification & Buyer Protection Guarantees

1. Direct Factory Manufacturing

Longhai Berking Purification Equipment Co., Ltd. (Zhangzhou, Fujian · 45 min to Xiamen Port). In-house fiber laser CNC, press brakes, and mini-pleat HEPA lines cut 15-25% middleman markups.

2. Verified FAT & Certificates

ISO 14644-1:2015, ISO 9001:2015, CE Machinery/LVD, US EPA Est. No. 102553-CHN-1, EN 1822 H13/H14, EN 10204 3.1 SUS304/316L MTC. Pre-shipment SGS/BV/TUV witness testing welcomed.

3. Global & SE Asia Delivery

3 delivery modes: (A) Modular Material & Equipment Kit FOB/CIF; (B) Kit + Chief Engineer Supervision; (C) Turnkey EPC across Vietnam, Thailand, Indonesia, Malaysia & Philippines.

Fast-Track Stage-1 Engineering Scope, CAD Layout & Itemized BOQ (2-Hour Response SLA)

Send your floor plan, room dimensions, target ISO class, or equipment list to **Alex Gao** at

alex@bestcleanmfg.com or WhatsApp **+86 139 2512 2895** (Web: **www.bestcleanmfg.com/contact**). We return a preliminary CAD zoning layout, airflow/ozone sizing calculation, and itemized factory-direct FOB/CIF quotation within 24 hours.