

OFFICIAL B2B ENGINEERING SPECIFICATION DOSSIER · BESTCLEAN-DOC-2026-02

SUS304 CLEANROOM AIR SHOWERS & CARGO SHOWER TUNNELS SPECIFICATION

Models BJ900 · BJ1400 · BJ1900–BJ2900 · Rapid-Door Cargo Tunnels · Knock-Down (KD) Export

Executive Engineering Summary: Low-cost trading-company air showers fail GMP/HACCP audits because undersized fans deliver only 13–16 m/s nozzle velocity, which cannot shear 0.5–5 um particulate off cleanroom garments. Every BERKING / BESTCLEAN air shower is factory-verified at 20–25 m/s (3,937–4,921 FPM) at the nozzle exit via calibrated hot-wire anemometer before shipment, available in assembled or Knock-Down (KD) flat-pack (saving 55% ocean freight CBM).

1. Quantitative Engineering, Compliance & FOB Xiamen Reference Matrix

Model Code & Capacity	Internal / External Dim. (W×D×H mm)	Nozzles & Verified Velocity	Filtration, Fan & Power	Ref. FOB Xiamen (USD)
BJ900-S/D-QP-1 (1 Person)	ID: 790×930×1910 OD: 1200×1000×2180	12 SUS304 nozzles · 20–25 m/s	G4 + H13 (99.99%@0.3um) · 1.1 kW · 220V/380V	\$980 – \$1,280 / unit
BJ1400-S/D-QP-2 (2 Persons)	ID: 790×1330×1910 OD: 1200×1400×2180	18 SUS304 nozzles · 20–25 m/s	G4 + 2×H13 HEPA · 1.5 kW · Dual Electromagnetic Lock	\$1,250 – \$1,650 / unit
BJ1900-D-QP-3 (3 Persons)	ID: 790×1860×1910 OD: 1200×1930×2180	24 SUS304 nozzles · 20–25 m/s	G4 + 2×H13 HEPA · 2.2 kW · 0–99s PLC Voice Prompt	\$1,750 – \$2,350 / unit
BJ2400 / BJ2900 Tunnel (4–6 P)	ID: 790×2400/2900×1910 (Corridor)	30–36 SUS304 nozzles · 22–25 m/s	G4 + 3–4×H13 HEPA · 3.0–4.4 kW · High-shift 100–150 pax	\$2,200 – \$3,600 / unit
BJ-CS2020 Cargo Shower	ID: 2000×2000×2100 OD: 2600×2100×2350	36–48 SUS304 nozzles · 22–25 m/s	PVC Rapid Roll Door / Double Swing · Pallet & Forklift Flush	\$3,200 – \$5,800 / 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.