

OFFICIAL B2B ENGINEERING SPECIFICATION DOSSIER · BESTCLEAN-DOC-2026-06

SUS304 AUTOMATIC BOOT & SOLE WASHERS (BJ-I/II/III) & HYGIENIC DX AHU

HACCP / GMP Hygiene Entry Stations · EAC / CE Ready · B-JZP Direct-Expansion Cleanroom AHU

Executive Engineering Summary: Engineered for meat, dairy, bakery, seafood, and pharmaceutical facilities under HACCP, BRCS, FDA, and Eurasian EAC audits. Our AISI 304 stainless steel boot & sole washers (BJ-I, BJ-II, BJ-III) feature tool-free hinged maintenance panels and automatic 0.2–9.3% sanitizer dosing, while B-JZP DX Hygienic AHUs deliver 750–900 Pa external static pressure for HEPA ductwork.

1. Quantitative Engineering, Compliance & FOB Xiamen Reference Matrix

Equipment Model & Function	Dimensions (L×W×H mm) & Power	Brush / Airflow & Dosing Spec	Material, Utility & Compliance	Ref. FOB Xiamen (USD)
BJ-I Sole Washing Machine	1200 × 800 × 1150 mm · 0.37 kW	Horizontal cylindrical sole brushes · Photoelectric auto-start	1.5–2.0mm AISI 304 matte · 5–6 L/min water · 380V/220V	\$1,150 – \$1,550 / unit
BJ-II Boot & Sole Washer (3-Brush)	1100 × 900 × 1280 mm · 0.55 kW (meets >=760×870×1270 spec)	2 vertical boot-shaft brushes + 1 horizontal sole brush	AISI 304 · Hinged tool-free front panel · 0.2–9.3% dosing · EAC/RU manual	\$1,680 – \$2,250 / unit
BJ-III Integrated Hygiene Station	2200 × 950 × 1650 mm · 1.1 kW	Hand wash + soap + dryer + sanitizer turnstile + sole/boot brush	Full SUS304 mandatory access control interlock before Air Shower	\$2,650 – \$3,450 / unit
SUS304 Sensor Sink & Lockers	1/2/3/4-Station Sink + Z-Lockers	Infrared knee/sensor faucet + sloped top hygienic lockers	1.2–1.5mm SUS304 seamless welded · Coved basin anti-splash	\$320 – \$980 / unit
B-JZP025 B-JZP150 DX AHU	2,500 – 50,000 m³/h · 13–220 kW	750–900 Pa ESP · G4+F8+H13 filtration · 18–26C & RH 45–65%	Double-skin PU 50mm thermal-break casing + heat-recovery reheat	\$3,800 – \$22,000 / set

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.