

# LIFTING DOOR PULSE VACUUM STERILIZER

## (HA-BV SERIES)



## PRE-INSTALLATION REQUIREMENTS

## 1. Space Requirements for Installation

✓ **Clearance Around the Cabinet** (for maintenance and heat dissipation):

**Sides** ≥ 50 cm

**Rear** ≥ 30 cm

**Top** ≥ 50 cm (if exhaust pipe installation is required)

✓ **Floor Load-bearing Capacity:** Must support the total weight of the equipment (including the chamber at full load).

## 2. Water, Power & Gas Supply Requirements

✓ **Power Supply:**

**Voltage:** 380V ± 10% / 50Hz

**Power rating:** 2KW +24KW (the power of the built-in steam generator. )

**Grounding:** Must be reliably grounded; an independent circuit breaker is recommended.

✓ **Water Supply :**

**Water quality:** Deionized or distilled water (to prevent scaling)

**Water pressure:** 0.1~0.3 MPa

**Drainage pipe:** Must be connected to a floor drain and withstand high temperatures ( $\geq 100^{\circ}\text{C}$ ).

✓ **Compressed Air:**

**Pressure:** 0.5~0.7 MPa

**Cleanliness:** Oil-free and moisture-free.

### 3. Ventilation & Exhaust

✓ **Exhaust Pipe:**

**High-temperature resistant hose** ( $\geq 120^{\circ}\text{C}$ )

**Sloped downward** (to prevent condensate backflow)

**Away from personnel areas** (exhaust air can be hot).

### 4. Handling & Positioning

✓ **Equipment Handling:**

Use a forklift or hydraulic pallet jack (the base has a transport pallet).

**Do not tilt beyond  $15^{\circ}$**  (to prevent internal component displacement).

✓ **Leveling Adjustment:**

Adjust the leveling feet/wheels to ensure **leveling error**  $\leq 2 \text{ mm/m}$ .

### 5. Environmental Conditions

✓ **Temperature & humidity:**

**Temperature:** 5~40°C

**Humidity:**  $\leq 80\% \text{ RH}$  (no condensation).

### Avoid installation in:

Areas with corrosive gases, flammable materials, or strong electromagnetic interference.

### 6. Pre-Installation Checklist

Item	Requirement	Confirmation (✓/×)
Space dimensions compliant	Refer to Section 1	
Power supply voltage matches	380V/50Hz, three phase	
Water/gas supply ready	Pressure compliant, clean pipes	
Floor level and load-bearing	No vibration or tilting	
Exhaust system installed (if needed)	High-temp resistant, proper slope	

### Important Notes

- ⚠ Remove all shipping fixtures (e.g., bolts, foam pads) before installation.
- ⚠ Professional installation by qualified technicians is recommended. Keep the user manual for reference.

For further assistance, contact the supplier or technical support team.