

AES ENVIRONMENTAL - Class I & II Cabinet Installation Quick Guide

1. PRE INSTALLATION CHECKS

- Confirm safe access to the room and sufficient space to manoeuvre the cabinet.
- Verify required services are available (power, ventilation where applicable).
- Ensure only authorised personnel have access and biohazard signage is in place where required.
- Check hand-washing or hands-free sanitising facilities are available nearby.

2. POSITIONING THE CABINET

Install the cabinet to minimise airflow disturbance and allow safe servicing:

Clearances

- Minimum 600 mm clearance in the exhaust direction.
- Minimum 300 mm from each side wall.
- Allow 100–150 mm behind cabinet for cleaning access.

Traffic & Airflow

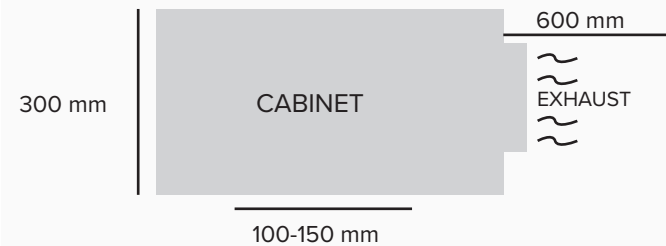
- Keep cabinet away from doorways, walkways, air diffusers and supply grilles.
- Avoid locations with strong drafts or high personnel traffic.
- Ensure windows in the room remain fixed closed.

NOTE: For detailed set-out distances of Class I & II Cabinets, please refer to AS 2252.4.

3. PHYSICAL INSTALLATION

- Level the cabinet and ensure it is stable.
- For bench-mounted units, front edge should be flush or slightly overhanging the bench.
- Confirm adequate ceiling clearance for service access.
- Ensure exhaust discharge is not obstructed.
- Avoid nearby large equipment that may disrupt airflow.

CLEARANCE GUIDE



4. SERVICES & ROOM READINESS

Before handover confirm:

- Electrical supply connected and compliant.
- Any required ducting/exhaust provisions complete.
- Room surfaces suitable for cleaning and decontamination.
- Required SOPs and user training arrangements are in place (site responsibility).

5. POST-INSTALLATION REQUIREMENTS

- Cabinet must be tested and certified before use.
- Re-testing is required after relocation or significant room/HVAC changes.
- Advise client to minimise door opening and personnel traffic during operation.

INSTALLER SIGN OFF

Before leaving site, confirm:

- Cabinet positioned to required clearances
- Cabinet level and secure
- Services connected
- Area clean and accessible
- Unit ready for certification testing

Installer: _____ Date: _____

