

# IP55 Double-Wall Cabinet ALM-ANK10010045

ALUMINIUM | DOUBLE-WALL | IP55 IK10

1000H x 1000W x 450D

IP Enclosures and Almatec Switzerland have partnered together to provide the highest quality Double-Wall Aluminium Electrical Cabinets available in the world. The double-wall aluminium construction provides passive heat dissipation through natural convection while eliminating solar heat gain to provide the best protection from heat in the harshest sun.

**Protection:** IP55 IK10; Shock, Transport & Vibration ETS EN 300-01; Seismic/Earthquake ETS EN 300-019-2-4

**Standard:** IEC/EN 60529, IEC/EN 62208, IEC/EN 61439

**Material:**

- Body: Double-Wall Aluminium
- Doors: Double-Wall Aluminium
- Enclosure Seal: EPDM

**Cabinet Frame and Panels:** The Almatec double-wall construction is an innovative design to eliminate solar heat gain while providing passive heat dissipation through natural convection. The robust frame is constructed from torsion-free hollow aluminium profiles. The double-walled filler profiles provide reliable stability while the baseplate with cable feedthrough permanently protects the inside of the cabinet from ground moisture. The powder-coated aluminium construction provides protection against corrosion in harsh conditions including coastal saltwater environments. The double-walled construction also assists to reduce noise emissions. The cabinet is made in Switzerland to the highest standards.

**Doors:** The robust doors are fabricated using hollow aluminium profiles that eliminate solar heat gain while providing passive heat dissipation through natural convection. The doors are designed with semi-concealed hinges for 180° opening.

**Seal:** An Elastomer EPDM Synthetic Seal is inserted into the aluminium profile to provide a high quality full perimeter seal. The EPDM seal provides excellent resistance to chemicals, ozone and UV.

**Locks:** Each door is fitted with a 3-point bar lock and swivel lever handle.

**Surface Treatment:** Powder-coated RAL7035.

**Accessories:** A range of accessories are available including Device Mounting Plates and adjustable 19" Rack Mounting Kits.



(Photo is indicative only)

