

# IP55 19" Field Cabinet

## IP-A2279080-AC200-T33

**ALUMINIUM | AIR-CONDITIONED 19" RACK | IP55**

**19" 42RU - 1975H x 900W x 800D**

Air-Conditioned Field Cabinets are designed to house and cool equipment in harsh outdoor environments. They are rated to IP55 and designed to prevent unauthorised access while keeping contents cool by incorporating an internally-mounted air-conditioner. The air conditioner is housed in a separate compartment and is accessible via a recessed side door with louvered vent hood to enhance air flow. The cooled 19" rack compartment is rated to IP55 and is accessible via front and rear doors.

**Protection:** IP55 (Inside main 19" rack compartment)

**Standard:** IEC62208, IEC/EN/AS60529, EIA-310-D

**Rack Unit Size:** 42RU

### Material:

- Body and Plinth: 2.5mm aluminum sheet
- Doors: 2.0mm aluminum sheet
- 19" Data Rack Rails: 1.5mm galvanised steel sheet
- Gland Plate: 3.0mm aluminum
- Enclosure Seal: Polyurethane

### Body:

The robust monoblock body is fabricated using 2.5mm aluminum sheet. The body is fitted with rain hood/sunshield, plinth and 4 x lifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A 3.0 mm aluminum split gland plate is also incorporated into the bottom face. A segmented compartment is provided to house the air-conditioner.

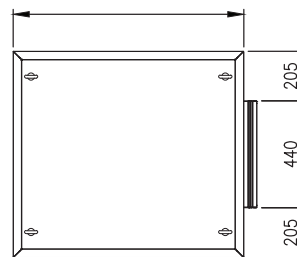
**Doors:** Front and rear doors are fabricated using 2.5mm aluminum sheet and are designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The doors incorporate concealed removable hinges with captive pins. They are designed for a 110° opening and are provided with heavy duty door stays.

**19" Data Rack Rails:** Front and rear 19" data rack rails are fabricated from 1.5mm galvanised steel sheet.

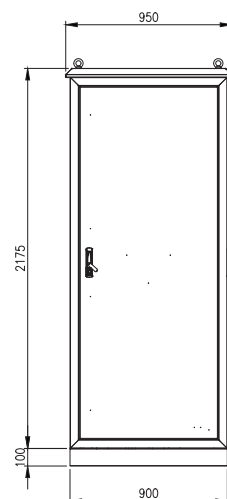
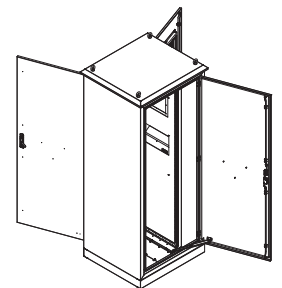
**Seal:** A high quality full perimeter Polyurethane foamed in place (FIP) seal provides excellent sealing over a long life.

**Locks:** 3 point locking systems with key-lock swing handles.

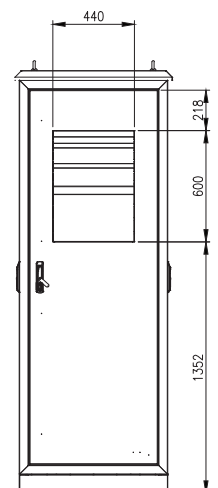
**Surface Treatment:** UL approved epoxy polyester powder-coated with a textured finish. 80-120 micron average thickness. T33 Smoke Blue smooth finish.



TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW

# Air Conditioner

## 2000 Watt

IP Enclosures air conditioners are designed for the cooling needs of electrical cabinets and have been designed for high efficiency and low maintenance. They are made in Italy and are SAA approved and certified for use in Australia.

Features	Unit	IP-ACOWM200
Power supply	V/Hz	230V/1ph/50-60
Dimensions HxWxD	mm	1000x400x240
Cooling capacity EN814 A35A35	W	2000/2100
Cooling capacity EN814 A35A50	W	1200/1250
Air flow rate (free blow)		
inside	m³/h	600/625
outside	m³/h	880/950
Max current	A	6.6/6.9
Delayed fuse	A	10
Absorbed electric power EN814 A35A35	W	1060/1100
Absorbed electric power EN814 A35A50	W	1240/1300
Refrigerant (type/charge)	kg	R134a/600G
Maximum Pressure	Kpa	2400
Operating temperature (ambient)	°C	+20/+55
Operating temperature (enclosure)	°C	+20/+45
Temperature controller (factory set at 35°C)	-	Integrated mechanical thermostat
Compressor type	-	Rotative compressor
Noise level	dB(A)	70
Electrical connection	-	Three-pole connector
Protection degree EN60529/1 enclosure inside	-	IP54
Protection degree EN60529/1 ambient inside	-	IP34
Weight (with packaging)	kg	49(50)
Colour	-	RAL 7035
Conformity/Certifications	-	SAA, CE, AS/NZS60335.2.40:2019, AS/NZS60335.1:2020

