

AC Air Conditioner

IP-ACIWM145.003

INDOOR | WALL MOUNTED | IP54

1450 Watt

IP Enclosures vertical-mount compact IP54 Air Conditioners are specifically designed for the cooling needs of indoor electrical cabinets. They are optimised for door or side-panel mounting 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.

Protection: IP54

Standards (& Conformities): AS/NZS 60335.2.40:2019, AS/NZS 60335.1:2020.



Approval Marks: SAA203165

Temperature Control Type: Digital thermostat with alarm; Door interlock; RS485 Interface.

Casing: Galvanised steel sheet.

Cover: Galvanised steel sheet; powder coated; RAL7035 Grey.

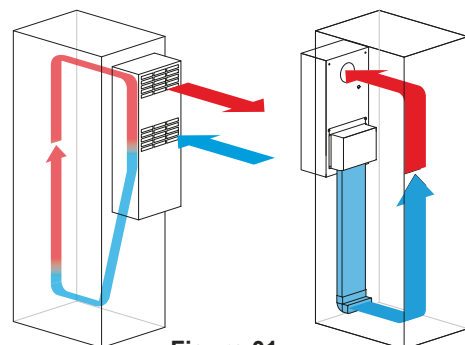
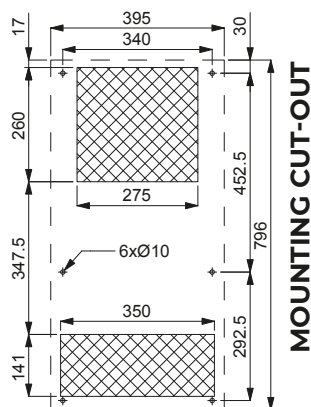
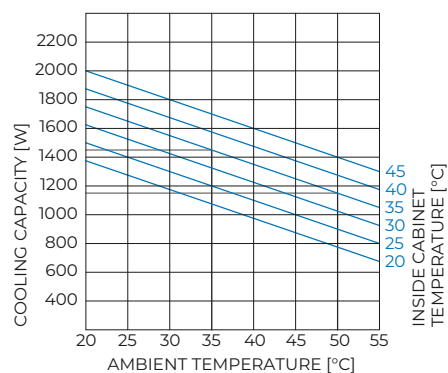


Figure 01

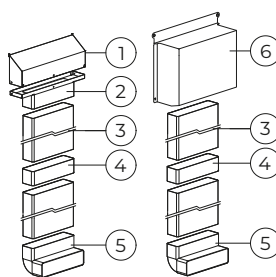
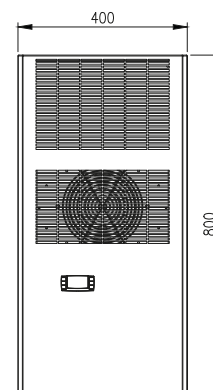


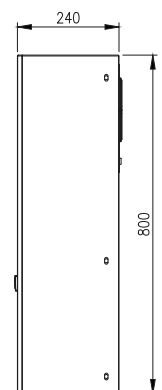
Figure 02

OPTIONAL DUCTING SYSTEM FOR AIR CONDITIONER:

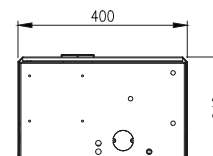
1. **IP-FD145** - 112Hx340Wx65D Internal Flow Diverter; Colour RAL7035 Grey
2. **IP-ACFMV200** - Flow Diverter Adapter suitable for 1450W & 2000W Indoor Air Conditioners
3. **IP-ACDSL1000** - Flat Duct 1000mm suitable for Wall Mounted & Roof Mounted Air Conditioners
4. **IP-ACDSC** - Flat Duct Connector suitable for Wall Mounted & Roof Mounted Air Conditioners
5. **IP-ACDS90** - 90° Duct Bend suitable for Wall Mounted & Roof Mounted Air Conditioners
6. **IP-ACDBV200** - Duct Booster Fan suitable for 1450W & 2000W Indoor Air Conditioners



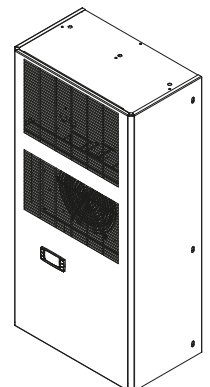
FRONT VIEW



RIGHT SIDE VIEW



REAR VIEW




AC Air Conditioner

IP-ACIWM145.003

INDOOR | WALL MOUNTED | IP54

1450 Watt

Features	Unit	IP-ACIWM145.003
Power supply	V/Hz	230V/1ph/50-60
Dimensions HxWxD	mm	800x400x200
Cooling capacity EN14511 A35-A35	W	1450/1500
Cooling capacity EN14511 A35-A50	W	1150/1200
Absorbed electric power EN14511 A35-A35	W	660/700
Absorbed electric power EN14511 A35-A50	W	800/860
Rated current	A	3.7/4.2
Motor circuit breaker / Delayed pre fuse (advised)	A	10
Electrical connection	-	Quick connector
Air flow rate (free blow) enclosure	m³/h	600/625
Operating temperature (ambient)	°C (°F)	+20 / +55 (+68 / +131)
Operating temperature (enclosure)	°C (°F)	+20 / +45 (+68 / +113)
Temperature controller (factory set at 35°C)	-	Digital thermostat with alarm; Door interlock; RS485 Interface
Refrigerant / charge	- g	R134a 700
Condensate management	-	Condensate evaporator with safety overflow
Protection degree EN60529/1 (ambient side)	-	IP34
Protection degree EN60529/1 (enclosure side)	-	IP54
Casing	-	Galvanised steel sheet
Cover	-	Galvanised steel sheet; powder coated; RAL7035 Grey
Package dimensions HxWxD	mm	875x455x280
Weight (with packaging)	Kg	37 (38)
Conformity / Certifications	-	SAA, AS/NZS 60335.2.40:2019, AS/NZS 60335.1:2020 

ACCESSORIES:

Part Number	Description
IP-FD145	112Hx340Wx65D Internal Flow Diverter; Colour RAL7035 Grey
IP-ACIWM145-FILTER	204Hx332Wx6D External Filter; Polyurethane Filter Mat
DUCTING SYSTEM ACCESSORIES for A/C	Refer to Page 1; Figure 02 Diagram

CERTIFICATES:

IEC 60335-2-40 Safety of household and similar electrical appliances Part 2-40: Particular requirements for electrical heat pumps, air conditioners and dehumidifiers. (IEC 60335-2-40:2018 in conjunction with IEC 60335-1:2010, AMD1:2013, AMD2:2016). Attachment to Test Report IEC 60335-1 (Australia / New Zealand) National Differences. Differences According to AS/NZS 60335.1:2011 + A1:2012 + A2:2014 + A3:2015 + A4:2017 + A5:2019. Certificate RA-64 ELDO 2020.

SAA Approval. Certificate SAA203165 (+Addendums for variants).

SAA Approvals are accredited by the Joint Accreditation Service of Australia and New Zealand (JAS-ANZ) as a third-party certification body to issue certificates for electrical equipment that has proven to comply with the safety requirements of the applicable Australian Standard.

Products are manufactured to Quality, Safety and Environmental Standards.