

AC Air Conditioner

IP-ACIRM100.003

INDOOR | ROOF MOUNTED | IP54

1000 Watt

IP Enclosures Roof-Mount Compact IP54 Air Conditioners are engineered for the cooling requirements of indoor electrical enclosures, these units are optimised for roof installation and deliver high efficiency with minimal maintenance. Designed to reduce weight, noise, and vibration, they are manufactured in Italy and fully SAA-approved for certified use in Australia.

Protection: IP54

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

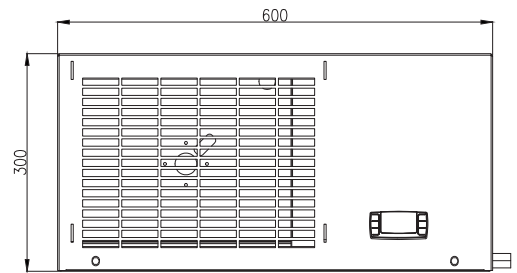
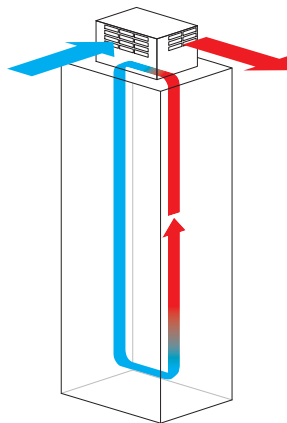
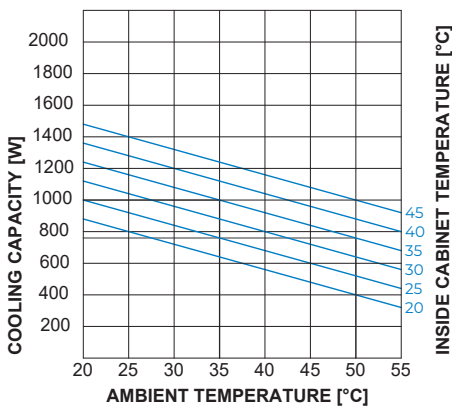
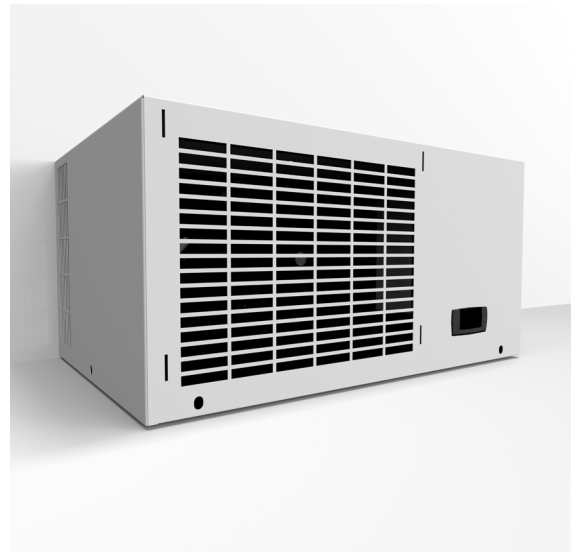


Approval Marks: SAA203165

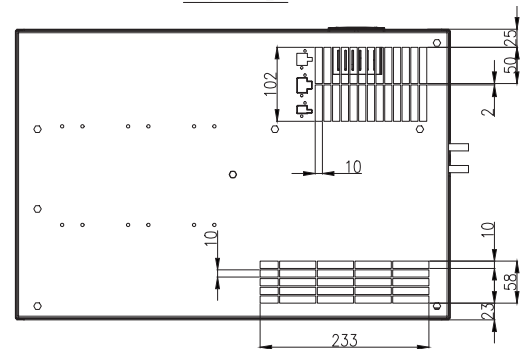
Temperature Control Type: Digital thermostat with alarm; Door Interlock; RS485 Interface.

Casing: Galvanised steel sheet.

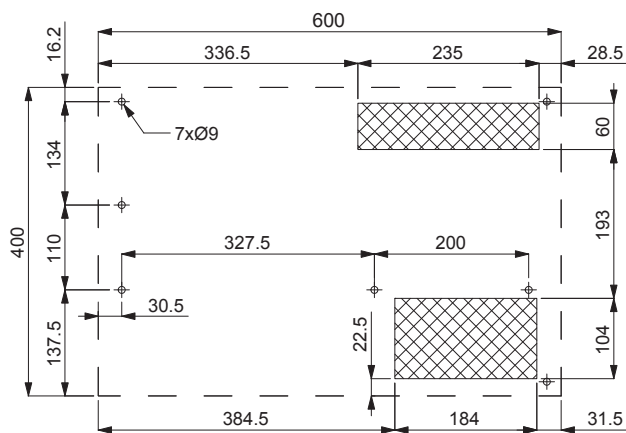
Cover: Galvanised steel sheet; powder coated; RAL7035 Grey.



FRONT VIEW

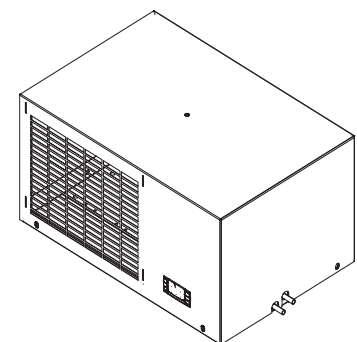


BOTTOM VIEW



MOUNTING CUT-OUT

VIEW FROM EXTERNAL OF ELECTRICAL ENCLOSURE




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Features	Unit	IP-ACIRM100.003
Power supply	V/ph/Hz	230V/1ph/50-60
Dimensions HxWxD	mm	300x600x400
Cooling capacity EN14511 A35-A35	W	1000/1060
Cooling capacity EN14511 A35-A50	W	760/790
Absorbed electric power EN14511 A35-A35	W	780/850
Absorbed electric power EN14511 A35-A50	W	890/970
Rated current	A	3.7/3.9
Motor circuit breaker / Delayed pre fuse (advised)	A	10
Electrical connection	-	Quick connector
Air flow rate (free blow) enclosure	m ³ /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 500
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	520x755x510
Weight (with packaging)	Kg	36 (38)
Conformity / Certifications	-	SAA, AS/NZS 60335.2.40:2019, AS/NZS 60335.1:2020 

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.