

AC Air Conditioner

IP-ACIWM145.003.0X

304 STAINLESS STEEL | INDOOR | WALL MOUNTED | IP54

1450 Watt

IP Enclosures Grade 304 stainless steel vertical-mount compact IP54 Air Conditioners are specifically designed for the cooling needs of indoor electrical cabinets. Made in Italy, these air conditioners are corrosion-resistant to harsher environments. They are optimised for door or side-panel mounting and have been designed for high efficiency and low maintenance.

Protection: IP54

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



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

Casing: Galvanised steel sheet.

Cover: Grade 304 stainless steel.

Mounting: Maximum 5Nm for M6 screws.

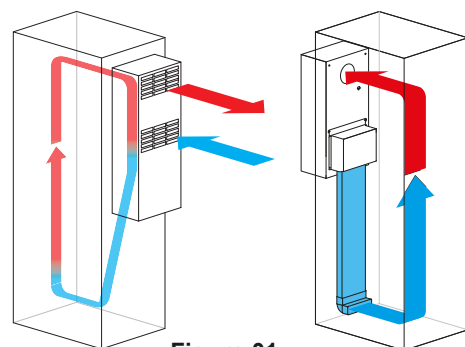
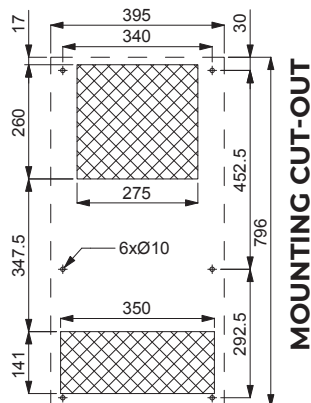
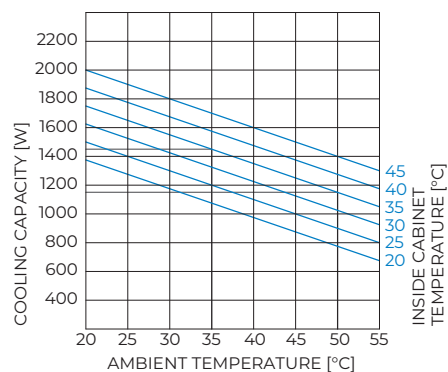


Figure 01

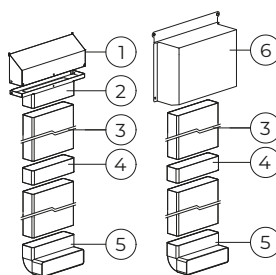
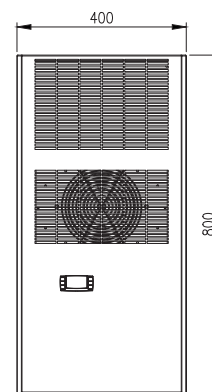


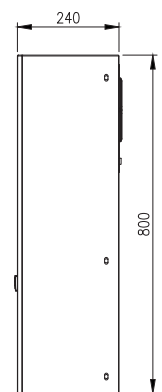
Figure 02

OPTIONAL DUCTING SYSTEM FOR AIR CONDITIONER:

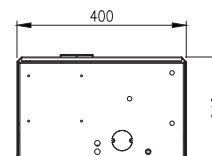
1. **IP-FD145** - 112Hx340Wx65D Internal Flow Diverter; Colour RAL7035 Grey
2. **IP-ACFMV200** - Flow Diverter Adapter suitable for 1450W & 2000W Indoor Air Conditioners
3. **IP-ACDSL1000** - Flat Duct 1000mm suitable for Wall Mounted & Roof Mounted Air Conditioners
4. **IP-ACDSC** - Flat Duct Connector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



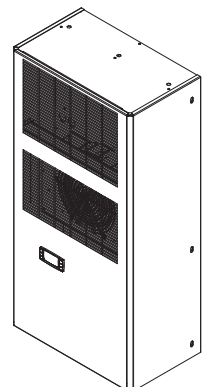
FRONT VIEW



RIGHT SIDE VIEW



REAR VIEW



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Features	Unit	IP-ACIWM145.003.0X
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	-	Grade 304 stainless steel
Package dimensions HxWxD	mm	875x455x280
Weight (with packaging)	Kg	37 (38)
Conformity / Certifications	-	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.

Products are manufactured to Quality, Safety and Environmental Standards.