

# AC Air Conditioner

# IP-ACIWM300.433

INDOOR | WALL MOUNTED | IP54

3000 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.

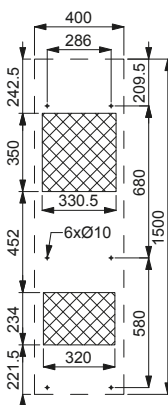
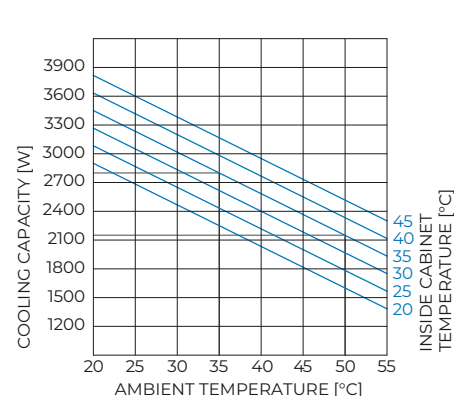


**Approval Marks:** SAA203165

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

**Casing:** Galvanised steel sheet.

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



MOUNTING CUT-OUT

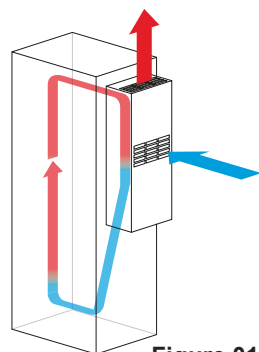


Figure 01

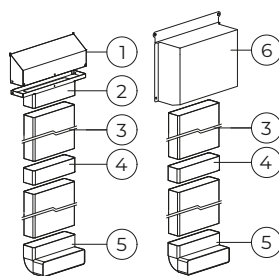
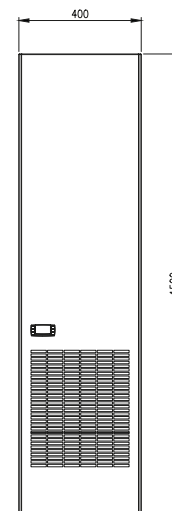


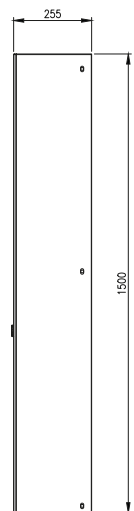
Figure 02

## OPTIONAL DUCTING SYSTEM FOR AIR CONDITIONER:

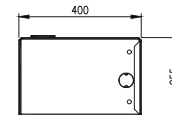
1. **IP-FD400** - 172Hx312Wx87D Internal Flow Diverter; Colour RAL7035 Grey
2. **IP-ACFMV400** - Flow Diverter Adapter suitable for 2800W & 3800W Indoor Air Conditioners
3. **IP-ACDSL1000** - Flat Duct 1000mm suitable for Wall Mounted & Roof Mounted Air Conditioners
4. **IP-ACDSC** - Flat Duct Connector suitable for Wall Mounted & Roof Mounted Air Conditioners
5. **IP-ACDS90** - 90° Duct Bend suitable for Wall Mounted & Roof Mounted Air Conditioners
6. **IP-ACDBV400** - Duct Booster Fan suitable for 2800W & 3800W Indoor Air Conditioners



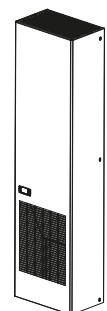
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW



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| Features                                           | Unit    | IP-ACIWM300.433                                                                                                                        |
|----------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------|
| Power supply                                       | V/Hz    | 400V/3ph/50 - 460/3ph/60                                                                                                               |
| Dimensions HxWxD                                   | mm      | 1500x400x255                                                                                                                           |
| Cooling capacity EN14511 A35-A35                   | W       | 2800/2950                                                                                                                              |
| Cooling capacity EN14511 A35-A50                   | W       | 2150/2330                                                                                                                              |
| Absorbed electric power EN14511 A35-A35            | W       | 2090/2200                                                                                                                              |
| Absorbed electric power EN14511 A35-A50            | W       | 2400/2550                                                                                                                              |
| Rated current                                      | A       | 2.2/2.6                                                                                                                                |
| Motor circuit breaker / Delayed pre fuse (advised) | A       | 16                                                                                                                                     |
| Electrical connection                              | -       | Quick connector                                                                                                                        |
| Air flow rate (free blow) enclosure                | m³/h    | 860/950                                                                                                                                |
| Operating temperature (ambient)                    | °C (°F) | +20 / +55 (+68 / +131) +20 / +50 (+68 / +122)                                                                                          |
| 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   1000                                                                                                                           |
| 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      | 1610x435x290                                                                                                                           |
| Weight (with packaging)                            | Kg      | 75 (78)                                                                                                                                |
| Conformity / Certifications                        | -       | SAA, AS/NZS 60335.2.40:2019, AS/NZS 60335.1:2020  |

## ACCESSORIES:

| Part Number                        | Description                                               |
|------------------------------------|-----------------------------------------------------------|
| IP-FD400                           | 172Hx312Wx87D Internal Flow Diverter; Colour RAL7035 Grey |
| IP-ACIWM300400-FILTER              | 411Hx337Wx6D 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.