

# RAX Air Conditioner

7000-1006-05 (3 500 W/12 000 BTU/H)

# ACON

## PRODUCT INTRODUCTION

This air conditioner unit has been designed to be used in enclosed climate controlled cabinets such as wireless communication cabinets, battery enclosures and **ICT server rack**.

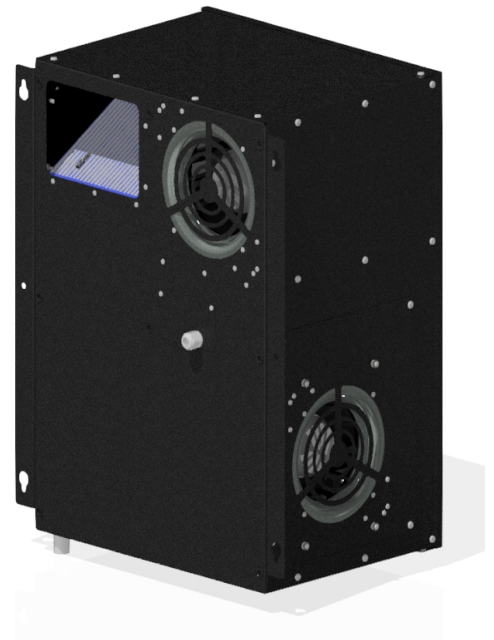
The ingress protection rating of IP 55 ensures that the equipment being cooled is protected from outside moisture and dust.

**Robust design** is suitable for most high heat and high humidity applications.



## PRODUCT DESIGN FEATURES

- Safety protection according to EN standards.
- Adapted automotive technology provides for compact design.
- Ease of repair – refrigeration parts use automotive type O-ring fittings (no brazing required).
- Comprehensive spares available.
- Filter units available for dirty environments.
- Flexible installation to the cabinet, with options of side or door mounting.
- Proudly made in South Africa.



## SPECIFICATIONS – STANDARD CONFIGURATION

SPECIFICATION	UNITS	VALUE

<b>Cooling Capacity</b>	<b>W (BTU/hr)</b>	3,500 (12,000)
<b>Cabinet Conditioning Temperature</b>	<b>°C</b>	22±2
<b>Max Operating Ambient Temperature</b>	<b>°C</b>	46
<b>Refrigerant</b>		R 417a
<b>Charge</b>	<b>g</b>	800
<b>E.E.R (at T1 conditions)</b>	<b>W/W</b>	3.3
<b>Design Hi Pressure</b>	<b>Bar</b>	31.2
<b>Design Lo Pressure</b>	<b>Bar</b>	6
<b>Voltage</b>	<b>V</b>	230
<b>Frequency</b>	<b>Hz</b>	50
<b>Phase</b>		1
<b>Rated Power Input</b>	<b>W</b>	1,700
<b>Rated Current Input</b>	<b>A</b>	7.7
<b>Mass Flow Air (Cooling)</b>	<b>m3/hr</b>	705
<b>Noise Level</b>	<b>dBA</b>	70
<b>Weight</b>	<b>kg</b>	50
<b>Dimension Cooling Unit (H x W x D)</b>	<b>mm</b>	702 x 507 x 381
<b>Colour (Optional)</b>		RAL9005

## TECHNICAL LAYOUT

