

**Braemar**  
By SEELEY INTERNATIONAL 

# Reliable Rooftop Package

for demanding  
thermal applications

RTHV500D3S



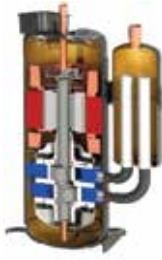
**SEELEY**  
INTERNATIONAL   
COMMERCIAL HVAC SOLUTIONS

# World leading climate control *solutions*

## DC Inverter Rooftop Packaged Air Conditioner

### DC Inverter Technology

Equipped with an efficient DC compressor and fan motor with advanced controls, the unit seamlessly adjusts output capacity according to the space load, significantly reducing power consumption.



### Intelligent Controls

Centralised control is available without the need for a wired controller, allowing up to 36 units to be managed simultaneously. You can control startup/shutdown, mode, fan speed, temperature settings, and timers for each unit individually, or create groups for independent operation to enhance intelligent control.

### Automatic Throttling Adjustment

The electronic expansion valve automatically adjusts its opening to ensure system parameters remain within the optimal range under all operating conditions, improving both the unit's reliability and service life.



### Emergency Operation Feature

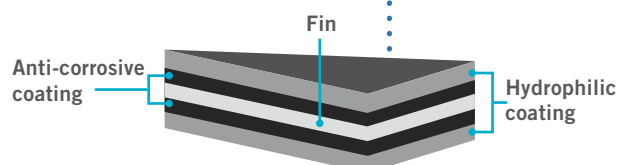
The unit uses a dual-compressor configuration. In the event of a compressor failure, the remaining operational compressor can be activated to provide emergency cooling, allowing the system to continue operating during maintenance and offering greater flexibility and convenience.

### Built-in Multi Protection System

Built-in comprehensive protection features, including high/low pressure protection, overcurrent protection, high discharge temperature protection, as well as phase failure & sequence protection, significantly enhance reliability in extreme environments.

### Anti-corrosive & Dustproof Design

Equipped with a high-performance anti-corrosive coating on both outdoor and indoor heat exchangers, a triple-layer moisture-proof PCB coating, and a hermetically sealed indoor fan motor, significantly enhances durability in extreme environments.





## DC Inverter Rooftop Package RTHV500D3S

Model			RTHV500D3S
Capacity	Cooling	kW	51.0
	Heating	kW	56.2
External Static Pressure	kW		100
External Static Pressure Range	kW		0 - 350
Power supply	V/Ph/Hz		380-415 / 3 / 50
Circuit breaker capacity	A		50
Refrigerant Type	-		R32
Refrigerant charge volume	kg		7 + 7
Sound pressure level	dB(A)		70
Airflow volume	l/s / m <sup>3</sup> h		2640 / 9500
Input Power Requirement	Cooling Power Input	kW	16.5
	Heating Power Input	kW	15.5
	Max. Power Input	kW	25.0
Dimension (WxDxH)	Outline	mm	2850 x 2240 x 1240
	Package	mm	2863 x 2253 x 1300
Weight (net/gross)	kg		910 / 960
Ambient temp range	Cooling	°C	-5 ~ 55
	Heating	°C	-15 ~ 24

## Wired Controller XE7C-23/HC

- Large-size simple style, moisture-proof and facial-mounted structural design, highlighting the atmosphere and flexible installation.
- LCD display with backlight, touch button control.
- Set the temperature to adjust at 0.5°C.
- Multiple weekly timings can be set at the same time, and the mode, temperature and fan speed can also be set.
- 5 operating modes such as auto, cool, dry, fan and heating.
- Built in parameter query and setting functions.
- Built-in Wi-Fi function.

## Supported Communication Protocols





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Ducted Evaporative Air Conditioning

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Direct Evaporative Air Conditioning | Ducted Gas Heating  
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**seeleyinternational.com**  
**1300 475 091**  
**commercial@seeleyinternational.com**

**Seeley International Pty Ltd**  
ABN 23 054 687 035

112 O'Sullivan Beach Road, Lonsdale, SA 5160  
Phone: (08) 8328 3850 Fax: (08) 8328 3950  
Email: [commercial@seeleyinternational.com](mailto:commercial@seeleyinternational.com)  
[www.seeleyinternational.com](http://www.seeleyinternational.com)

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