



GENESIS 15-17kW PACKAGE

R32 LOW GWP REFRIGERANT



A smarter start to a Sustainable Future

Where innovation and purpose come together to elevate air conditioning for Australia's commercial spaces. Designed to meet today's needs and tomorrow's opportunities, GENESIS offers more than just a product - it's a commitment to delivering smarter, more efficient solutions.



Advanced Technology. Commercial Confidence.

Packed with advanced features, ActronAir's rooftop package unit is engineered to deliver superior performance across a wide range of commercial applications. From enhanced energy efficiency and smart load matching to robust weather protection and flexible control options, every element is designed with practicality and performance in mind.



Variable Speed EC Fans

Lower Energy Consumption



Inverter Scroll Compressors

Enhanced Efficiency and Performance



Wide Operating Range (-10°C to 52°C)

Designed for Australian conditions

Seamless Control for Smarter Spaces

NEO delivers precise comfort control and an intuitive interface, with smart dashboards built for commercial integration. Complementing NEO, our control range includes the Group Controller and LC7, with after-hours functionality to meet NCC compliance.



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Tailored Comfort, Built for Businesses

Specification Table

Technical Specifications			
		PRV15BT-T	PRV17BT-T
Nett (Rated) Capacity (kW) (AS/NZS3823.1.2)	Cooling (Min/Rated/ Tru-Max)	4.49 / 14.80 / 16.50	4.65 / 17.00 / 18.80
	Heating (Min/Rated/Tru-Max)	4.48 / 15.00 / 17.50	5.30 / 17.60 / 19.10
Input Power (kW) (AS/NZS3823.1.2)	Cooling	4.42	4.99
	Heating	4.08	4.69
¹ EER	Rated	3.344	3.405
	Tru-Max	3.033	3.056
² COP	Rated	3.672	3.752
	Tru-MAx	3.286	3.417
Power Supply - (V / Ph / Hz)		400V / 3Ph + N / 50Hz	
Seasonal Performance - Commercial	TCSPF - Cold / Avg. / Hot	9.672 / 7.003 / 6.414	5.656 / 5.174 / 5.090
	HSPF - Cold / Avg. / Hot	3.649 / 4.040 / 4.294	3.655 / 4.097 / 4.429
Rated Amps (AS/NZS3823.1.2)		9.0	9.9
Full Load Amps (AS/NZS3823.1.2)		13.8	15.2
³ Circuit Breaker Amps (Suggested)		16.0	
IP Rating		IP44	
Compressor	Type / No. per Unit	Inverter Variable Speed Scroll / 1	
	Starting Method	Inbuilt Soft Starting	
No. of refrigeration Circuits / No. Capacity Stages (Capacity range)		1 / Variable Capacity	
Refrigerant		R32	
Fans (Type x Number per unit)	Outdoor	Variable Speed EC Axial Fan x 2	
	Indoor	Variable Speed EC Plug Fan	
Airflow Range Indoor (l/s)	Maximum	920	1060
	Nominal	770	890
	Minimum	620	710
Unit Dimensions (mm)	Depth	1136	
	Height	1166	
	Width	1523	
⁴ Nominal Weight (kgs)		233	242

Foot Notes

1. EER Rated = Energy Efficiency Ratio (Rated Capacity Cooling / Rated Input Cooling). Measured and tested in accordance with AS/NZS3823.1.2.
2. COP Rated = Coefficient of Performance (Rated Capacity Heating / Rated Input Heating). Measured and tested in accordance with AS/NZS3823.1.2.
3. Suggested minimum cable size. This should be used as a guide only. Refer to AS/NZS 3000 "Australian/New Zealand Wiring Rules" for more details.
4. Refer to Catalogue Unit Weight Distribution Guide section for details of weight points.
5. Sound Pressure Level at 3m distance is determined as the measured sound pressure at 3m perpendicular to the coil side of the condenser.
6. Measured based on ISO 3743-1, Determination of Sound Power Levels and Sound Energy Levels of Noise Sources Using Sound Pressure.
7. When Demand Response capability is chosen, the air conditioner will fully comply.

Rated Conditions:

Cooling: 35°C DB Outdoor / Air Entering Indoor 27°C DB, 19°C WB
Heating: 7°C DB, 6°C WB Outdoor / Air Entering Indoor 20°C DB

Important Notes:

- The Local Electricity Supply Authority may require limits on - starting current, running current and voltage drop, please check prior to purchase.
- When the outdoor temperature exceeds the rated conditions, the cooling/heating capacities may decrease the rated nett values.
- Specifications subject to change without notice.

Warranty:

For full terms and conditions of ActronAir warranty, please refer to warranty terms document - www.actronair.com.au



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Engineered to Perform, Built to Last.

Specification Table

Features	
Tru-Inverter Variable Speed Compressor & Drive Technology	Fault and Run Indication - Relay Output
40-100% Refrigeration Operating Capacity Range	Up to 3 Wall Controllers and 2 Remote Temperature Sensors
EC High Efficiency Indoor & Outdoor Fan Motor	Compressor Soft Start via Variable Speed Drive Control
Low GWP R32 Refrigerant	Hydrophilic Blue Fin Coil Coat Protection - Indoor & Outdoor
Variable Speed EC Axial Fan	Bi-Flow Electronic Expansion Valve
Adaptive Demand Defrost	Powder Coated Outdoor Unit with Louvred Coil Guard
25mm Foil Faced Polyethylene Insulation	Adjustable Indoor Airflow plus Reduce Fan Airflow Feature
Low ambient cooling operation to +5 degree	Manual Inputs Capable for Third Party Control

Options	
Additional Outdoor Coil Coat Protection (K)	LC7 Wall Controller
Additional Indoor Coil Coat Protection (L)	NEO Touch Controller
Vertical Discharge Fan Coil	Remote Temperature Sensor
Bluetooth Commissioning Tool (BCT)	BMS Compatibility
Compressor Sound Jacket	CO2 Sensor

Installation Information			
Refrigerant Factory Charge (grams)		2450	2730
Condensate Drain Connection Size		25mm ID BSP	
Air Duct Connection	Supply Duct	H x W (mm)	200 x 740
	Return Duct	H x W (mm)	348 x 1100

Controls



Features	Group Controller	NEO	LC7
Colour Options	Black	White or Black	White or Grey
Touch Screen	✓	✓	✗
Commercial Dashboards	✓	✓	✗
Multiple System Connectivity / Group Control	✓	✗	✗
Onboard Temperature Sensor	✗	✓	✓
Optional Remote Sensor	✗	✓	✓
Set Point Displayed	✓	✓	✓
One Touch Temporary Room Temperature Display	✗	✓	✓
Optional Temperature Set Point and Time Display	✓	✓	✓
Auto Heat / Cool Change Over	✓	✓	✓
Self Diagnostic Fault Code Display	Fault Indicator Only	✓	✓
24 Hour Timer	✓	✓	✓
7 Day Time Clock	✓	✓	✓
Set Back / Away Temperature	✗	✓	✓
Adjustable Dead Band	✓	✓	✓
Adjustable Set Point in 0.5C Increments	✓	✓	✓
Dual Control Capability - Optional (Using Mimic Logic)	✗	✓	✓
Return Air Filter Indicator	✓	✓	✓
After Hours Timer Function (NCC Compliant)	✓	✓	✓
Memory for Auto Restart after Power Failure	✗	✓	✓
Damper Settings	✓	✓	✗
NFC Technology	✗	✓	✓
Set Temperature Lock	✓	✓	✓
Controller Lock	✓	✓	✓
Diagnostic Dashboard	✓	✓	✗
In Built Wi-Fi	✗	✓	✗
Over The Air Updates	✗	✓	✗
Mobile App Connectivity	✗	✓	✗

Legend:

✓ = Available ✗ = Not Available

AIR CONDITIONING DESIGNED FOR AUSTRALIA

Find out more at docs.actronair.com.au



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