Best Rooftop Caravan Air Conditioners Compared – 2025 Buyer's Guide

Choosing a caravan air conditioner comes down to matching the unit to your **van size**, travel conditions, and power setup. Focus on cooling capacity, energy efficiency, and noise level. Features like Wi-Fi, inverter tech, or low-profile design can make a big difference. The right unit keeps you comfortable without wasting power or space.

What to Look For When Choosing an Aircon for Your Caravan

- **Cooling Capacity (kW)**
  - Small vans (up to 6m): 2.0–2.5kW
  - Medium vans (6–7.5m): 2.5–3.5kW
  - Large vans (up to 7.5m): 3.5kW+

- **Power Draw**
  - Lower amp draw is better for 12V or limited power setups.
  - Check your inverter/generator can handle startup surge.

- **Heating**
  - Reverse cycle suits mild cold – not ideal below 0°C.
  - Resistive heaters suit extreme cold but draw more power.

- **Roof Opening Size**
  - Common sizes: 360mm or 400mm.
  - Most new units are multi-fit.

- **Weight and Roof Strength**
  - Stay under 45kg for most vans; under 40kg for poptops.

- **Noise**
  - Inverter models and night modes help reduce noise.

- **Controls and Connectivity**
  - Wi-Fi or Bluetooth adds convenience.
  - Options: remote, touchpad, app.

- **Energy Efficiency**
  - Inverter tech lowers running costs.

- **Climate Suitability**
  - Check operating range – some models struggle above 40°C or below 0°C.

- **Warranty and Support**
  - Stick with brands offering local support.

◦ Truma, Dometic, MyCoolman and Eberspächer are well-supported in Australia.

Caravan Rooftop Air Conditioner Comparison Table

This table compares key models by size, performance, and features.

Model	Cooling / Heating	Weight	Size (mm)	Power Draw	Inverter	Wi-Fi	Van Size	Notes	Buy
myCOOLMAN 3kW	3.0 / 3.0 kW	35 kg	1107×718×225	5.5 A	Yes	Bluetooth	Up to 7.5m	Low profile, dual roof fit	Buy
Truma Aventa Comfort	2.4 / 1.7 kW	33 kg	1008×660×248	4.2 A	No	No	Up to 7.5m	Slim, quiet	Buy
Dometic FreshJet 7 Lite	2.6 / 2.6 kW	34 kg	752×702×225	6.9 A	Yes	No	Up to 6m	Compact, CleanAir	Buy
Dometic FreshJet 7 Pro	2.9 / 2.6 kW	41 kg	752×702×242	6.9 A	Yes	Wi-Fi	Up to 7.5m	Smart features	Buy
Webasto Cool Top Trail 34	3.4 / 3.0 kW	45 kg	1002×566×248	6.5 A	No	No	Up to 10m	UV proof, remote	Buy
Cool-J 3.3kW	3.3 / 3.3 kW	42 kg	1056×738×253	6.7 A	Yes	Yes	Up to 7.5m	App control	Buy
Cool-J 2.5kW	2.5 / 2.6 kW	42 kg	1056×738×253	4.0 A	Yes	Yes	Up to 6m	Budget option	Buy
Eberspacher Breezonic	3.5 / 3.6 kW	38 kg	1056×738×250	6.5 A	Yes	Bluetooth	Up to 7.5m	Inverter, adaptive	Buy
Houghton HB3500	3.5 / 3.5 kW	38.3 kg	998×680×340	5.6 A	No	No	Up to 7m	Strong airflow	
Furrion 3.5kW	3.5 / 3.6 kW	45 kg	1056×738×253	5.7 A	No	No	Up to 7.5m	Dual motor, efficient	Buy
GREE Slimline 3.5kW	3.5 / 3.5 kW	50 kg	1056×738×253	6.5 A	Yes	Yes	Up to 7.5m	Wi-Fi, slim build	

Observations

Best for Small Vans (<6 m):

• Dometic FreshJet 7 Lite – compact and efficient.
• Cool-J 2.5kW – budget-friendly with Wi-Fi.

Best for Medium Vans (6–7.5 m):

• myCOOLMAN 3kW – low profile, Bluetooth control.
• Cool-J 3.3kW – inverter, Wi-Fi enabled.
• Dometic FreshJet 7 Pro – advanced features, smart control.
• Eberspacher Breezonic – adaptive airflow, inverter technology.

Best for Large Vans (7.5–10 m):

- Webasto Cool Top Trail 34 – high cooling capacity, robust design.
- Houghton Belaire HB3500 – strong airflow, durable build.
- Furrion 3.5kW – energy-efficient, dual motor system.

Conclusion

Choose your aircon based on van size, usage, and power setup. Look at cooling power, weight, and features that matter to you. Need help?

Contact us at Everything Caravans for expert advice on the best fit for your setup.