

Datasheet

Mestic Nivo rooftop airconditioner series

The Mestic Nivo rooftop air conditioners deliver smart, efficient climate control for caravans and motorhomes. Featuring inverter technology, the compressor continuously adjusts output to maintain stable temperatures. Built for the modern camper, the Nivo series include eco-friendly R290 refrigerant (GWP 3), a soft-start function, and full smart connectivity for uncompromised performance.

Features

- **Inverter technology for consistent performance:** The inverter compressor continuously regulates its output based on actual demand. This ensures stable temperatures, lower energy consumption, and quieter operation than conventional on/off systems.
- **Eco-friendly R290 refrigerant:** with a Global Warming Potential (GWP) of only 3, compared to a GWP of 657 for standard R32.
- **Slim and lightweight design:** The compact units maximize space and reduce weight. The low-profile outdoor unit minimizes wind resistance, the indoor unit fits seamlessly without obstructing doors.
- **Air quality:** The built-in HEPA filter removes fine dust and pollen from the air, keeping the interior of your vehicle fresh and healthy.

Comfort & Climate control

- **Five operating modes for every situation:** Includes cool, heat, dehumidify, fan, and auto modes for any climate, with four fan speeds for precise airflow control.
- **Adjustable airflow:** Air distribution can be individually adjusted between the front and rear of the vehicle.
- **Sleep mode and timer function:** Sleep mode gradually adjusts fan speed and temperature for undisturbed rest. The built-in timer lets you schedule operation to match your routine.

Communication

- **Control:** All models can be operated via the buttons on the indoor unit, with the included remote or with our Mestic smart app.
- **Mestic smart app:** For instant temperature insight and adjustment, as well as adjustments of other functions via your smartphone.
- **Full smart connectivity:** WiFi and Bluetooth® and CiBus for seamless system integration, real time monitoring and advanced control.



Rooftop airconditioner

- Available in 2 capacities (1700W and 2200W)
- Inverter heat pump technology
- 5 operating modes / 4 fan speeds
- R290 refrigerant (GWP 3)
- Including indoor unit
- Adjustable airflow
- HEPA filter
- Sleep mode & timer function
- LED ambient lighting
- Soft start function
- 2 year warranty



Works seamlessly with
the Mestic smart app

WiFi Bluetooth





Model	Nivo RTA-1700i		Nivo RTA-2200i
Article No.	White (1518150)	Black (1519850)	White (1518160)
Technical specifications			
Technology	Inverter, heat pump		
Voltage/Frequency	230 V / 50 Hz		
Cooling Capacity	5834 BTU (1710 W) - Min: 650 W / Max: 1710 W	7557 BTU (2215 W) - Min: 1000 W / Max: 2717 W	
Cooling power consumption in 230 V	718 W - Min: 215 W / Max: 718 W	933W - Min: 320 W / Max: 1389 W	
Heating Capacity	5868 BTU (1720 W) - Min: 810 W / Max: 2000 W	7830 BTU (2295 W) - Min: 1015 W / Max: 2780 W	
Heating power consumption in 230 V	667 W - Min: 254 W / Max: 791 W	844W - Min: 299 W / Max: 1115 W	
Standby power consumption	1 W	2 W	
Airflow capacity	Strong 400 m ³ /h, high 336 m ³ /h, mid 270 m ³ /h, low 208 m ³ /h	Strong 483 m ³ /h, high 429 m ³ /h, mid 364 m ³ /h, low 313 m ³ /h	
Soft start support	Yes		
Peak current on start up	Cooling 2.4 A (0.64s) - Heating 2 A (0.59s)	Cooling 1.5 A (0.59s) - Heating 2 A (0.35s)	
Refrigerant type	R290		
Refrigerant volume	170 g	230 g	
GWP (Global Warming Potential)	3		
Recommended Vehicle Length	7 meter	8 meter	
Temperature performance			
Adjustable temperature range	16~31 °C		
Operating temperature range Cooling	+18~46 °C		
Operating temperature range Heating	-5~24 °C		
Construction and materials			
Material body	ASA, ABS		
IP class outdoor unit	IPX4		
Comfort			
Control type	Touch panel, remote control, app		
Display	No		
Operating modes	Auto / cool / heat / dehumidify / fan		
Night/sleep modus	Yes		
Timer	Yes		
Fan Speeds	Strong / high / middle / low		
Airflow Direction Control (Swivel)	Manual operation		
Filter	HEPA		
Ambient light	LED		
Communication	WiFi / Bluetooth® / CiBus		
Smart control	Mestic smart app		
Auto restart	No		
Dimensions and weight			
Outdoor unit (LxWxH)	970 x 675 x 233 mm		
Weight outdoor unit (kg)	28.1 kg	29.2 kg	
Indoor unit (LxWxH in mm)	560 x 495 x 43 mm		
Weight indoor unit	2.7 kg		
Roof Cutout Size	400 x 400 mm		
Roof thickness	25~80 mm		
Compliance data			
Certifications	CE, ECE R10		
Warranty	2 years		