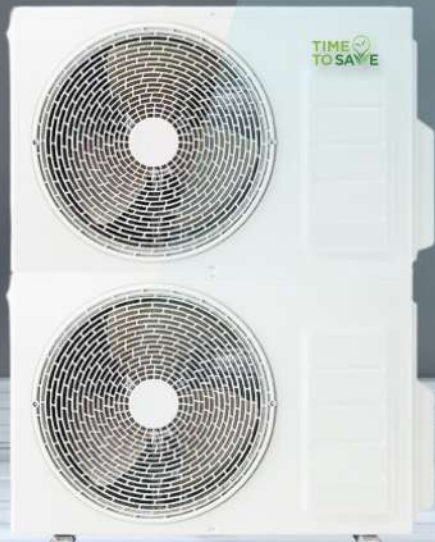


TIME
TO SAVE

glow green

VRF Multi Split Air Conditioning Systems

YOUR ESCAPE FROM THE SUMMER SIZZLE





Smart User



WHY SWITCH TO SMART USER MULTI SPLIT AIR CONDITIONING SYSTEMS?



Individual Temperature Control: Residents can enjoy the luxury of setting their preferred temperatures in each room, fostering personalized comfort without impacting others.



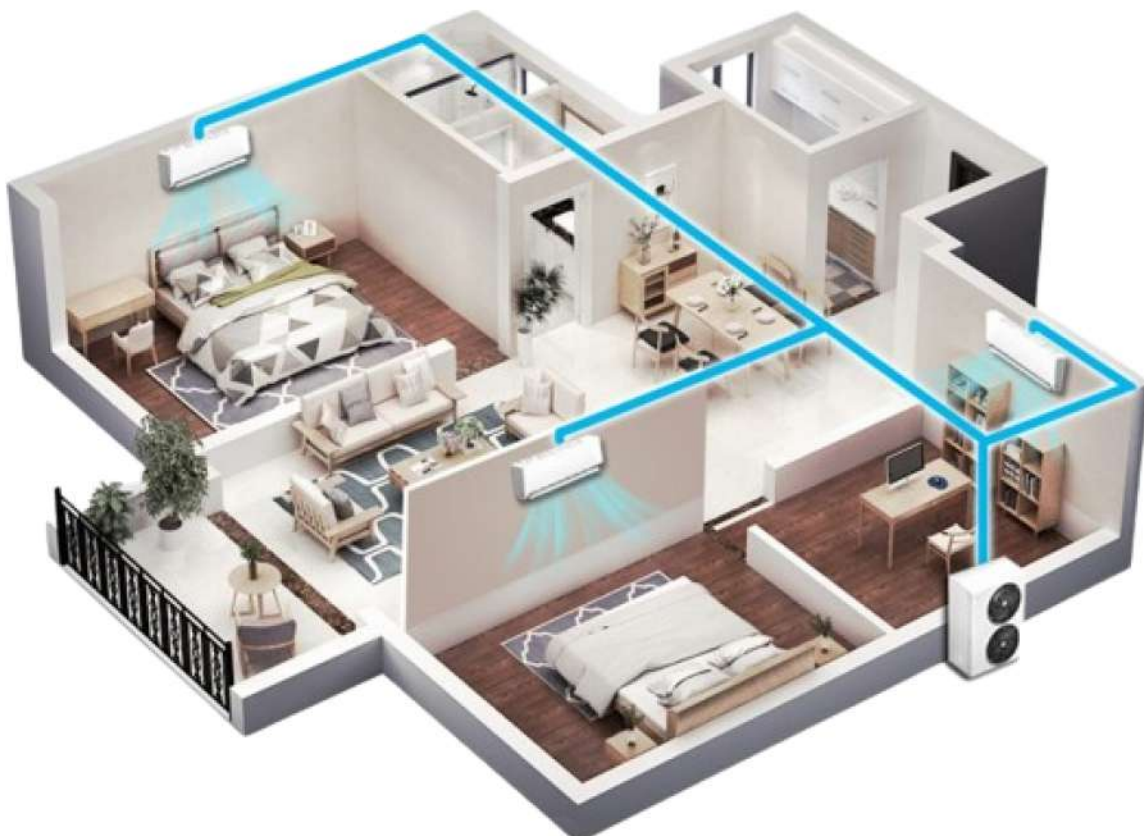
Energy Efficiency: The multi split systems deliver substantial energy savings compared to traditional slab heaters, resulting in reduced utility costs for the retirement village.



Wide Operating Temperature Range: With the capacity to operate in a broad temperature range, the systems are adept at handling various weather conditions, ensuring year-round comfort.



Environmentally Friendly: Utilizing R410a refrigerant, the systems are environmentally and human-friendly, contributing to a sustainable living environment.



ANNUAL ENERGY COSTS COMPARISON



*All calculations and rankings are directly derived from official reports issued by the Australian Commonwealth Government and the Victoria State Government. Specific data sources are outlined below.

Australian Energy Regulator - <https://www.aer.gov.au/>
 Sustainability Victoria - <https://www.sustainability.vic.gov.au/>
 Energy Rating Australia - <https://www.energyrating.gov.au/>

Key Technology

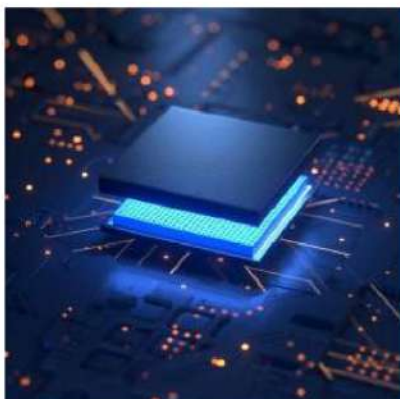


Smart DC IPM Inverter

By incorporating a Next-Gen DC IPM inverter, our system intelligently adapts its capacity output to fulfill higher demands. This guarantees seamless operation, maximised performance, minimal temperature fluctuation, outstanding product reliability, and unmatched energy efficiency.

Ultimate Airflow Design

The Smart User Multi Split AC System features a state-of-the-art DC fan motor with Stepless Speed Regulation, optimised through DOE Technology and CDF Calibration. As a result, the system offers a highly efficient heat exchanger, substantially reduced operational noises, and enhanced airflow.



CAN Technology

To ensure a swift and reliable connection between indoor and outdoor units, we employed CAN Communication Technology, primarily utilised in high-end automotive industry. Consequently, the system achieves robust anti-interference capabilities, intelligent defrosting, and efficient error detection functions.

 SmartUser

Key Features



Individual Temperature Control for Each Room

This feature enables users in different rooms to set their preferred temperature without influencing others, and generate significant savings on heating and cooling bills.



Clutter-Free Exterior

By powering multiple indoor units with a single outdoor unit, our system offers the advantage of maintaining a clutter-free exterior for your home.



Super Wide Operating Temperature Range

With an operating temperature range of -5°C to 56°C for cooling and -25°C to 28°C for heating, our system is perfectly equipped to handle any weather condition in Australia.



R410a Refrigerant

As one of the most eco-friendly and human-friendly refrigerants, the R410a does not deplete the ozone and has become a prevalent choice for all modern air conditioning systems.



Quality-Focused Design

From the meticulous engineering of condenser chassis to the formulated coating which minimises hydrophilicity and corrosion, our system is designed to guarantee the heating and cooling demands for many years to come.



5-Year Parts and Labour Warranty

In close collaboration with TCL, all our systems are of the highest quality, and we offer a full 5-year parts and labour warranty to provide utmost reassurance and protection.



PRODUCT

Model Number: SMV-V180W/N1

AC Heads Combos:

3 AC Heads : 1x8Kw + 1x5Kw + 1x5Kw

4 AC Heads : 1x8Kw + 1x5Kw + 1x3Kw + 1x3Kw

5 AC Heads : 1x5Kw + 1x5Kw + 1x3Kw + 1x3Kw + 1x3Kw



SAMPLE INSTALLATIONS



Specifications



The official partner of **TCL**
for Multi Split Air Conditioning

Model	SMV-V30G/N1Y		SMV-V50G/N1Y		SMV-V80G/N1Y	
Power Supply	220-240V ~50Hz		220-240V ~50Hz		220-240V ~50Hz	
Heating	Capacity	kW	3.0	5.0	8.0	
	Power Input	W	40	45	70	
	Rated Current	A	0.19	0.2	0.32	
Cooling	Capacity	kW	2.8	5.0	7.1	
	Power Input	W	40	45	70	
	Rated Current	A	0.19	0.2	0.32	
Sound Pressure Level (Indoor)	High	dB(A)	38	42	44	
	Medium	dB(A)	33	37	39	
	Low	dB(A)	27	33	35	
Pipe Size	Liquid	Inches	1/4"	1/4"	3/8"	
	Gas	Inches	1/2"	1/2"	5/8"	
Indoor Fan Speed (Hi/Mid/Lo)	r/min		1050/900/800		1150/900/800	
Indoor Airflow	m³/h		550		800	
Net Dimensions (W x H x D)	mm		910 x 294 x 206		1010 x 315 x 220	
Packaging Dimensions (W x H x D)	mm		977 x 367 x 276		1094 x 386 x 300	
Net Weight/Gross Weight	kg		10 / 12.5		13 / 16	

Model	SMV-V180W/N1		
Power Supply	220-240V ~50Hz		
Heating	Capacity	kW	19.0
	Power Input	kW	3.6
	Rated Current	A	16.36
	COP	W/W	5.28
	Temp. Range	Indoor Outdoor	°C °C
Cooling	Capacity	kW	15.5
	Power Input	kW	3.59
	Rated Current	A	16.32
	EER	W/W	4.32
	Temp. Range	Indoor Outdoor	°C °C
Sound Pressure Level (Outdoor)	dB(A)		55
Refrigerant	Type		R410a
	Original Charge	kg	5.6
Compressor	Type		Rotary Compressor
	Type x Quantity		Axial 531mm x 2
Outdoor Fan	Airflow Rate	m³/h	7000
	Mblor Output	W	85 x 2
Pipe Size	Liquid	mm	3/8"
	Gas	mm	3/4"
	Max. Height Difference	m	30 (OU to IU)
	Max. Piping Length	m	20 (IU to IU)
Net Dimensions (W x H x D)	mm		120 (total)
Packaging Dimensions (W x H x D)	mm		70 (for one room)
Net Weight/Gross Weight	kg		950 x 1330 x 340 1080 x 1380 x 430 99 / 110



Australian Standard



RCM Approved



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