



SMART USER HEATING AND COOLING

## MULTI SPLIT AIR CONDITIONING

Introducing the ultimate home comfort solution

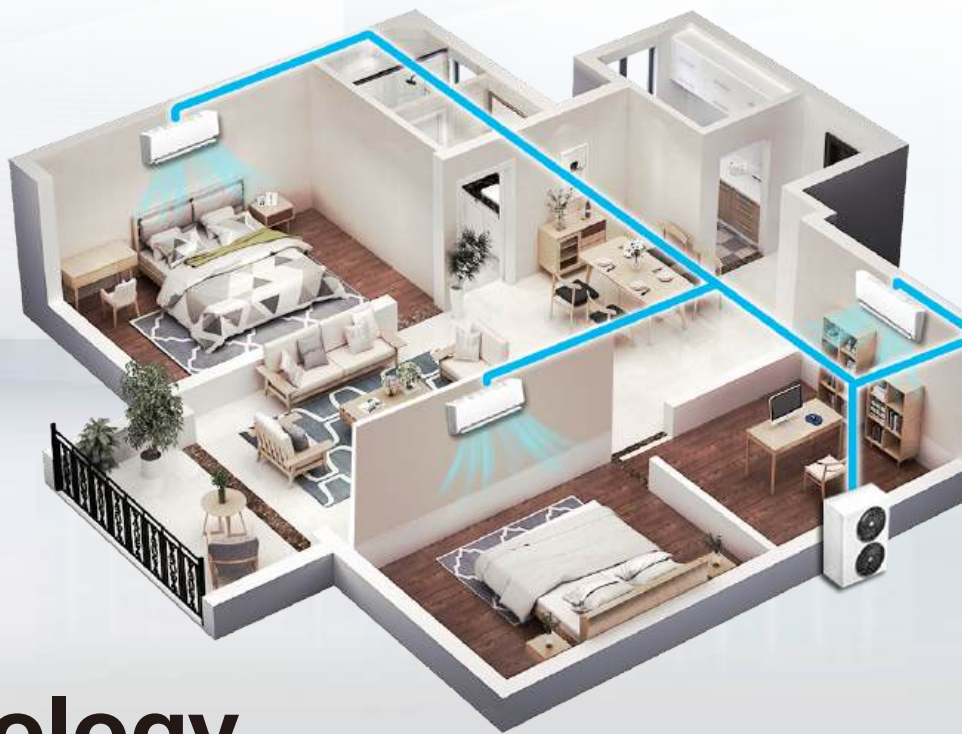


## Home Heating and Cooling Rebate Under the VEU program

As an officially accredited provider under Essential Services Commission Victoria, Smart User has proudly been an integral part of Victorian households, delivering affordable home improvements for thousands of families.

On this exhilarating new journey, you will experience Smart User energy efficient Multi Split System Air Conditioning. Our mission - to help ALL Victorians in home improvement and energy efficiency.





# Key Technology

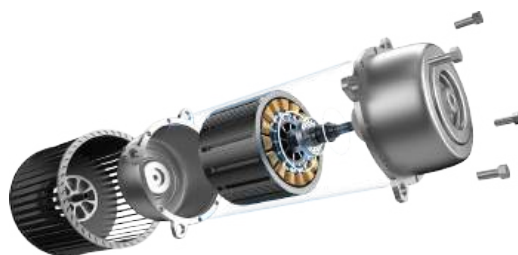


## Smart DC IPM Inverter

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

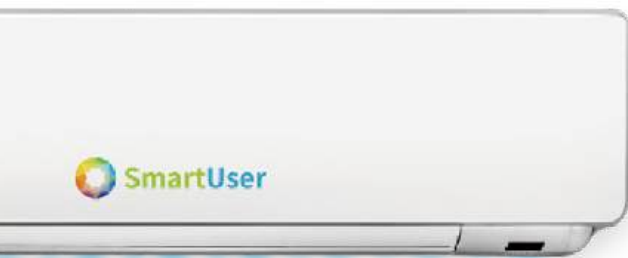
The Smart User Multi Split AC System features a state-of-the-art DC fan motor with Stepless Speed Regulation, optimised through DOE Technology and CDF Calibration. As a result, the system offers a highly efficient heat exchanger, substantially reduced operational noises, and enhanced airflow.



## 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.





# 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.



## Top-Tier AC Manufacturing

Being among the world's leading AC manufacturers, GD **TCL** Intelligent Heating and Ventilating Equipment Co. Ltd. helps us ensure that you receive a top-quality product without paying top-quality price.



## 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.



## 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.



## Superb Operating Temperature Range

Equipped with an operating temperature range of up to 56°C for cooling and down to -25°C for heating to beat the hottest days and coldest nights.



## 5-Year Parts and Labour Warranty

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.



Indoor Unit Model			SMV-V30G/N1Y	SMV-V50G/N1Y	SMV-V80G/N1Y	SMV-V90G/N1Y	SMV-V120G/N1Y
Power Supply			220-240V~/50Hz	220-240V~/50Hz	220-240V~/50Hz	220-240V~/50Hz	220-240V~/50Hz
Heating	Capacity	kW	3.0	5.0	8.0	9.0	12.0
	Power Input	W	40	45	70	70	78
	Rated Current	A	0.19	0.20	0.32	0.32	0.35
Cooling	Capacity	kW	2.8	5.0	7.1	8.0	10.0
	Power Input	W	40	45	70	70	78
	Rated Current	A	0.19	0.20	0.32	0.32	0.35
Sound Pressure Level (Indoor)	High	dB(A)	38	42	44	44	46
	Medium	dB(A)	33	37	39	40	42
	Low	dB(A)	27	33	35	35	38
PipeSize	Liquid	Inches	1/4"	1/4"	3/8"	3/8"	3/8"
	Gas	Inches	1/2"	1/2"	5/8"	5/8"	5/8"
Net Dimensions (W×H×D)			mm	910×294×206	910×294×206	1010×315×220	1010×315×220
Packaging Dimensions (W×H×D)			mm	977×367×276	977×367×276	1094×386×300	1094×386×300
Net Weight /Gross Weight			kg	10/12.5	10/12.5	13/16	13/16

Outdoor Unit Model			SMV-V170W/N1	SMV-V180W/N1	SMV-V200W/N1	
Power Supply			220-240V~/50Hz	220-240V~/50Hz	220-240V~/50Hz	
Heating	Capacity		kW	17.0	19.0	20.0
	Power Input		kW	3.65	3.6	3.62
	Rated Current		A	16.59	16.36	16.45
	Temp. Range	Indoor	°C	15 ~ 31	15 ~ 31	15 ~ 31
		Outdoor	°C	-25 ~ 28	-25 ~ 28	-25 ~ 28
Cooling	Capacity		kW	17.0	15.5	18.5
	Power Input		kW	3.74	3.59	3.58
	Rated Current		A	17.00	16.32	16.27
	Temp. Range	Indoor	°C	16 ~ 32	16 ~ 32	16 ~ 32
		Outdoor	°C	-5 ~ 56	-5 ~ 56	-5 ~ 56
Sound Pressure Level (Outdoor)			dB(A)	56	55	55
Refrigerant	Type			R410A	R410A	R410A
	Original Charge		kg	3.7	5.6	5.6
Pipe Size	Liquid		Inches	3/8"	3/8"	3/8"
	Gas		Inches	5/8"	3/4"	3/4"
	Max. Height Difference		m	30 (OU to IU)	30 (OU to IU)	30 (OU to IU)
			m	20 (IU to IU)	20 (IU to IU)	20 (IU to IU)
	Max. Piping Length		m	120 (total)	120 (total)	120 (total)
			m	70 (for one room)	70 (for one room)	70 (for one room)
Net Dimensions (W × H × D)			mm	1010 × 850 × 410	950 × 1330 × 340	950 × 1330 × 340
Packaging Dimensions (W × H × D)			mm	1145 × 970 × 535	1080 × 1380 × 430	1080 × 1380 × 430
Net Weight / Gross Weight			kg	75 / 87	99 / 110	99 / 110

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