

# VRF INDOOR 2026



## VRF HYDROMODULE



Midea's high temperature hydromodule can connect to the V6R outdoor unit to produce hot water from 25°C to 80°C, achieving space cooling, heating and hot water simultaneously. It can also be used for both underfloor heating and domestic hot water.

### SMALLEST VOLUME AND WEIGHT IN THE INDUSTRY

The high temperature hydromodule features a compact, lightweight design for easy installation and offers the smallest volume and weight in the industry.

### HOT WATER SUPPLY

The V6R outdoor unit can connect to Midea's high temperature hydro module to produce hot water from 25°C to 80°C achieving space cooling/heating and hot water simultaneously. The hydromodule can also be used for both underfloor heating and domestic hot water.

### "FREE" HOT WATER PRODUCTION

The energy efficiency is maximised by diverting the heat that is removed from the indoor units during the cooling process to areas requiring heating to achieve "free" hot water production.

## SYSTEM COMPONENTS



Hydromodule

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## VRF HYDROMODULE

MODEL		SMK-D140HN1-3	
Power Supply	V-Ph-Hz	220-240V,1Ph,50Hz	
Recommended Fuse Size	A	20	
Interconnecting Wiring	No.	2/3 Core Screened 0.75mm2 (V6R Heat Recovery Only)	
Rated Heating Capacity Water outlet : 45°C, inlet 40°C (Water outlet : 45°C, inlet 40°C / Outdoor air : 7°C DB / 6°C WB)		kW	14
Design Pressure	Allowed Water Pressure	MPA	0.1-0.3
	R410a		4
Heating Operation Range	Ambient, Min	°C	-20
	Ambient, Max	°C	30
	Water Side, Min	°C	25
	Water Side, Max	°C	80
Domestic Hot Water Operation Range	Ambient, Min	°C	-20
	Ambient, Max	°C	43
	Water Side, Min	°C	25
	Water Side, Max	°C	80
Water Flow Rate	Minimum	m <sup>3</sup> /hr	1.2
	Nominal	m <sup>3</sup> /hr	2.4
	Maximum	m <sup>3</sup> /hr	2.9
Sound Pressure	Nominal	dB(A)	43
Dimensions	Net Dimensions (WxHxD)	mm	450x795x300
	Packing Dimensions (WxHxD)	mm	735x820x385
	Net/gross Weight	kg	63 / 71
Refrigerant Pipe	Liquid/Gas Pipe	mm(inch)	Ø9.53/Ø12.7 (3/8/ 1/2)
Water Pipe	Connection Type		External Thread
	Inlet	mm	Ø25.4
	Outlet	mm	Ø25.4

Heating Capacity Rated Conditions: Water outlet: 45°C, inlet 40°C

Outdoor air : 7°C DB / 6°C WB Outdoor Temperature: 7°C DB/6°CWB.

**DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION**