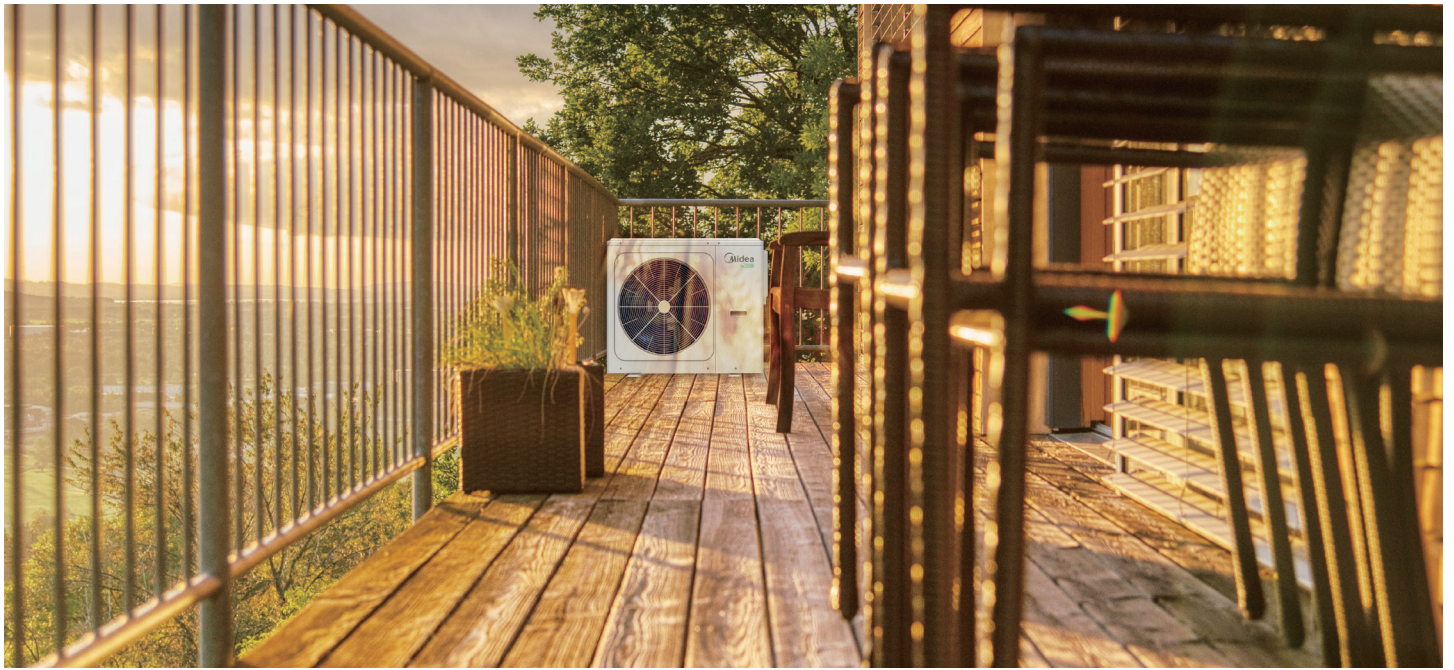




M thermal Power Series





Features



All DC Inverter design
realize energy saving



High efficiency



R32
environmental
refrigerant



Maximum 65°C
water temperature



Wide capacity
range(5~16kW)



Multiple power
supply(1/3 phase)



Convenient software
update through USB



Energy consumption
(calculation value) display

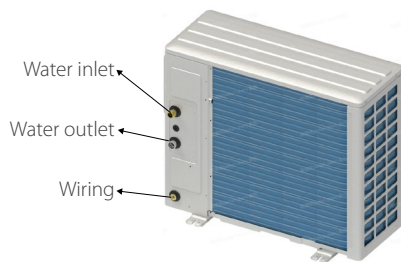


Cascade
operation



Easy installation

Refrigerant piping is not required

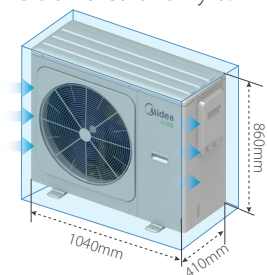
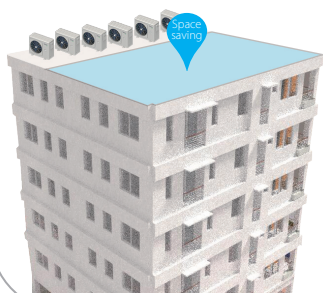


Easy transportation



Space saving

Small size with great power
Covers an area of only 0.4m²!



External electric heater



Enhance capacity for heating system

Capacity	(kW)	9kW	6kW	4.5kW	3kW
Power supply	(V/N/Hz)	380/3/50	380/3/50	220/1/50	220/1/50

Application

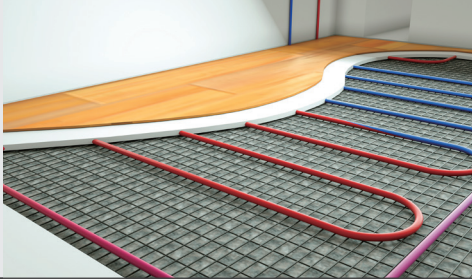
A complete, all-year-round solution



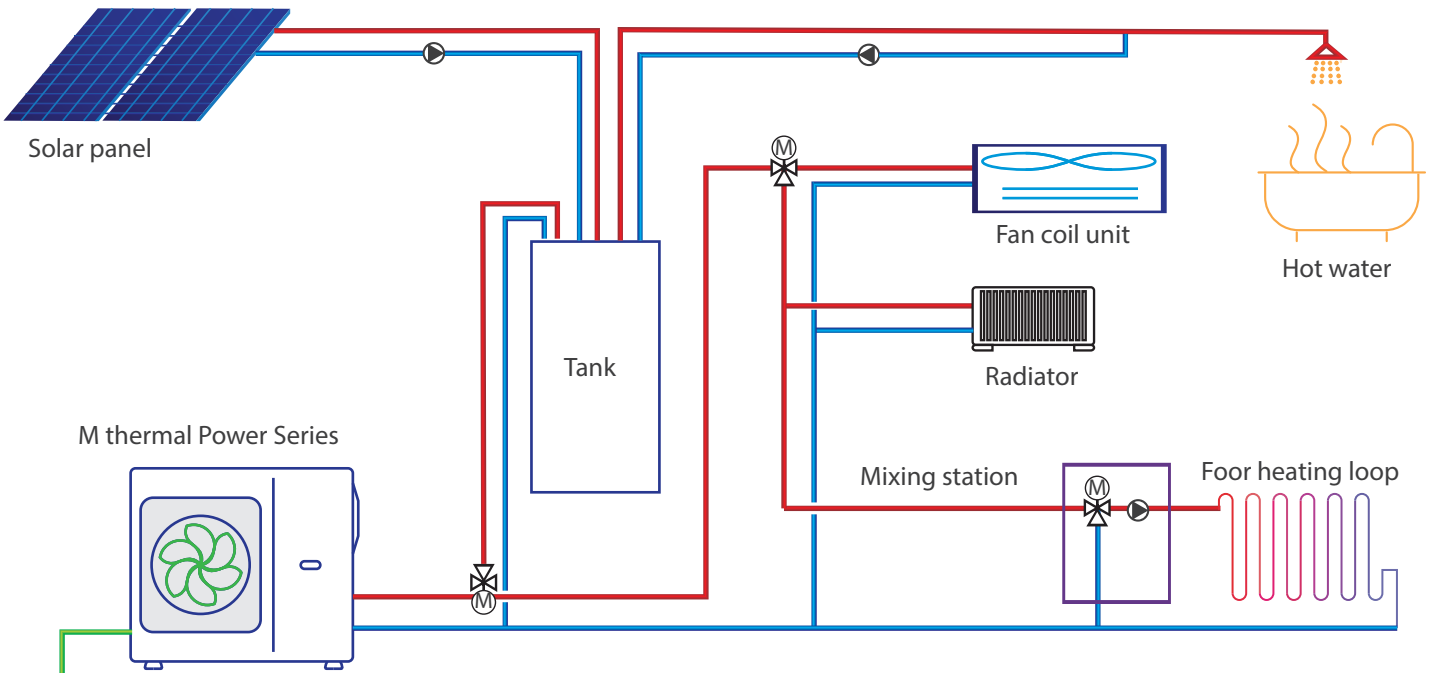
Space heating



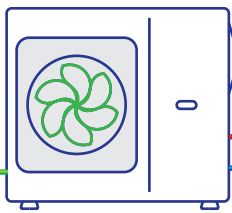
Domestic hot water



Space cooling



M thermal Power Series



Controller

- ❖ Built-in Wifi module
- ❖ 12 languages
- ❖ Touch-key design
- ❖ Built-in temperature sensor



MSmartLife APP

- ❖ Easy setting
- ❖ Remote control for multiple functions
- ❖ Double zones control
- ❖ Real-time status inquiry
- ❖ Energy consumption(calculation value) display
- ❖ Energy saving suggestion

Specifications (Draft)

Model	MHC-V5WD2N8-C		MHC-V7WD2N8-C		MHC-V9WD2N8-C	
Power supply(V/Ph/Hz)	220-240/1 /50		220-240/1 /50		220-240/1 /50	
A7/W35	Capacity(kW)	6.50	8.40	10.00		
	Input(kW)	1.30	1.73	2.17		
	COP	5.00	4.85	4.60		
A35/W18	Capacity(kW)	6.50	8.30	10.00		
	Input(kW)	1.30	1.77	2.35		
	EER	5.00	4.70	4.25		
SCOP	A7W35	A+++	A+++	A+++		
	A7W55	A++	A++	A++		
Refrigerant	Type	R32	R32	R32		
	Charged volume	kg	1.25	1.25	1.25	
Unit dimension (WxHxD)	mm		1040x860x410		1040x860x410	
Water pump	Max. head	m	9.00	9.00	9.00	
Water piping connections	Inlet	G1" BSP		G1" BSP	G1" BSP	
	Outlet	G1" BSP		G1" BSP	G1" BSP	
Ambient temperature range	Heating	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	
	Cooling		-5 ~ 43	-5 ~ 43	-5 ~ 43	
	DHW		-25 ~ 43	-25 ~ 43	-25 ~ 43	
Water setting temperature	Heating	°C	25 ~ 65	25 ~ 65	25 ~ 65	
	Cooling		5 ~ 25	5 ~ 25	5 ~ 25	
	DHW		20 ~ 60	20 ~ 60	20 ~ 60	

Model	MHC-V12WD2N8-C		MHC-V14WD2N8-C		MHC-V16WD2N8-C	
Power supply(V/Ph/Hz)	220-240/1 /50		220-240/1 /50		220-240/1 /50	
A7/W35	Capacity(kW)	12.20	14.00	16.00		
	Input(kW)	2.54	3.04	3.60		
	COP	4.80	4.60	4.45		
A35/W18	Capacity(kW)	12.10	13.80	15.40		
	Input(kW)	2.63	3.17	3.71		
	EER	4.60	4.35	4.15		
SCOP	A7W35	A+++	A+++	A+++		
	A7W55	A++	A++	A++		
Refrigerant	Type	R32	R32	R32		
	Charged volume	kg	1.84	1.84	1.84	
Unit dimension (WxHxD)	mm		1040x860x410		1040x860x410	
Water pump	Max. head	m	9.00	9.00	9.00	
Water piping connections	Inlet	G5/4" BSP		G5/4" BSP	G5/4" BSP	
	Outlet	G5/4" BSP		G5/4" BSP	G5/4" BSP	
Ambient temperature range	Heating	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	
	Cooling		-5 ~ 43	-5 ~ 43	-5 ~ 43	
	DHW		-25 ~ 43	-25 ~ 43	-25 ~ 43	
Water setting temperature	Heating	°C	25 ~ 65	25 ~ 65	25 ~ 65	
	Cooling		5 ~ 25	5 ~ 25	5 ~ 25	
	DHW		20 ~ 60	20 ~ 60	20 ~ 60	

Model	MHC-V12WD2RN8-C		MHC-V14WD2RN8-C		MHC-V16WD2RN8-C	
Power supply(V/Ph/Hz)	380-415/3/50		380-415/3/50		380-415/3/50	
A7/W35	Capacity(kW)	12.20	14.00	16.00		
	Input(kW)	2.54	3.04	3.60		
	COP	4.80	4.60	4.45		
A35/W18	Capacity(kW)	12.10	13.80	15.40		
	Input(kW)	2.63	3.17	3.71		
	EER	4.60	4.35	4.15		
SCOP	A7W35	A+++	A+++	A+++		
	A7W55	A++	A++	A++		
Refrigerant	Type	R32	R32	R32		
	Charged volume	kg	1.8	1.8	1.8	
Unit dimension (WxHxD)	mm		1040x860x410		1040x860x410	
Water pump	Max. head	m	9.00	9.00	9.00	
Water piping connections	Inlet	G5/4" BSP		G5/4" BSP	G5/4" BSP	
	Outlet	G5/4" BSP		G5/4" BSP	G5/4" BSP	
Ambient temperature range	Heating	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	
	Cooling		-5 ~ 43	-5 ~ 43	-5 ~ 43	
	DHW		-25 ~ 43	-25 ~ 43	-25 ~ 43	
Water setting temperature	Heating	°C	25 ~ 65	25 ~ 65	25 ~ 65	
	Cooling		5 ~ 25	5 ~ 25	5 ~ 25	
	DHW		20 ~ 60	20 ~ 60	20 ~ 60	

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Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.

GD MIDEA Heating & Ventilating Equipment Co. Ltd participates in the ECP programme for LCP-HP. Check ongoing validity of certificate: www.eurovent-certification.com