

# Specifications

Model		MHC-V5WD2N8-C2	MHC-V7WD2N8-C2	MHC-V9WD2N8-C2
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)	1.23	1.66	2.13
	COP	5.30	5.05	4.70
A35/W18	Capacity(kW)	6.50	8.30	10.00
	Input(kW)	1.28	1.71	2.23
	EER	5.10	4.85	4.30
SCOP	A7W35	A+++	A+++	A+++
	A7W55	A++	A++	A++
Refrigerant	Type	R32	R32	R32
	Charged volume	kg	1.25	1.25
Unit dimension (WxHxD)	mm	1040x865x410	1040x865x410	1040x865x410
Water pump	Max. head	m	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
	Cooling	-5 ~ 43	-5 ~ 43	-5 ~ 43
	DHW	-25 ~ 43	-25 ~ 43	-25 ~ 43
Water setting temperature	Heating	°C	25 ~ 65	25 ~ 65
	Cooling	5 ~ 25	5 ~ 25	5 ~ 25
	DHW	20 ~ 60	20 ~ 60	20 ~ 60

Model		MHC-V12WD2N8-C2	MHC-V14WD2N8-C2	MHC-V16WD2N8-C2
Power supply(V/Ph/Hz)		220-240/1 /50	220-240/1 /50	220-240/1 /50
A7/W35	Capacity(kW)	12.20	14.10	16.00
	Input(kW)	2.49	3.00	3.56
	COP	4.90	4.70	4.50
A35/W18	Capacity(kW)	12.20	13.90	15.40
	Input(kW)	2.65	3.16	3.67
	EER	4.60	4.40	4.20
SCOP	A7W35	A+++	A+++	A+++
	A7W55	A++	A++	A++
Refrigerant	Type	R32	R32	R32
	Charged volume	kg	1.80	1.80
Unit dimension (WxHxD)	mm	1040x865x410	1040x865x410	1040x865x410
Water pump	Max. head	m	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
	Cooling	-5 ~ 43	-5 ~ 43	-5 ~ 43
	DHW	-25 ~ 43	-25 ~ 43	-25 ~ 43
Water setting temperature	Heating	°C	25 ~ 65	25 ~ 65
	Cooling	5 ~ 25	5 ~ 25	5 ~ 25
	DHW	20 ~ 60	20 ~ 60	20 ~ 60

Model		MHC-V12WD2RN8-C2	MHC-V14WD2RN8-C2	MHC-V16WD2RN8-C2
Power supply(V/Ph/Hz)		380-415/3/50	380-415/3/50	380-415/3/50
A7/W35	Capacity(kW)	12.20	14.10	16.00
	Input(kW)	2.49	3.00	3.56
	COP	4.90	4.70	4.50
A35/W18	Capacity(kW)	12.20	13.90	15.40
	Input(kW)	2.65	3.16	3.67
	EER	4.60	4.40	4.20
SCOP	A7W35	A+++	A+++	A+++
	A7W55	A++	A++	A++
Refrigerant	Type	R32	R32	R32
	Charged volume	kg	1.8	1.8
Unit dimension (WxHxD)	mm	1040x865x410	1040x865x410	1040x865x410
Water pump	Max. head	m	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
	Cooling	-5 ~ 43	-5 ~ 43	-5 ~ 43
	DHW	-25 ~ 43	-25 ~ 43	-25 ~ 43
Water setting temperature	Heating	°C	25 ~ 65	25 ~ 65
	Cooling	5 ~ 25	5 ~ 25	5 ~ 25
	DHW	20 ~ 60	20 ~ 60	20 ~ 60

## Midea Building Technologies Division

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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.



# M thermal Power Mono

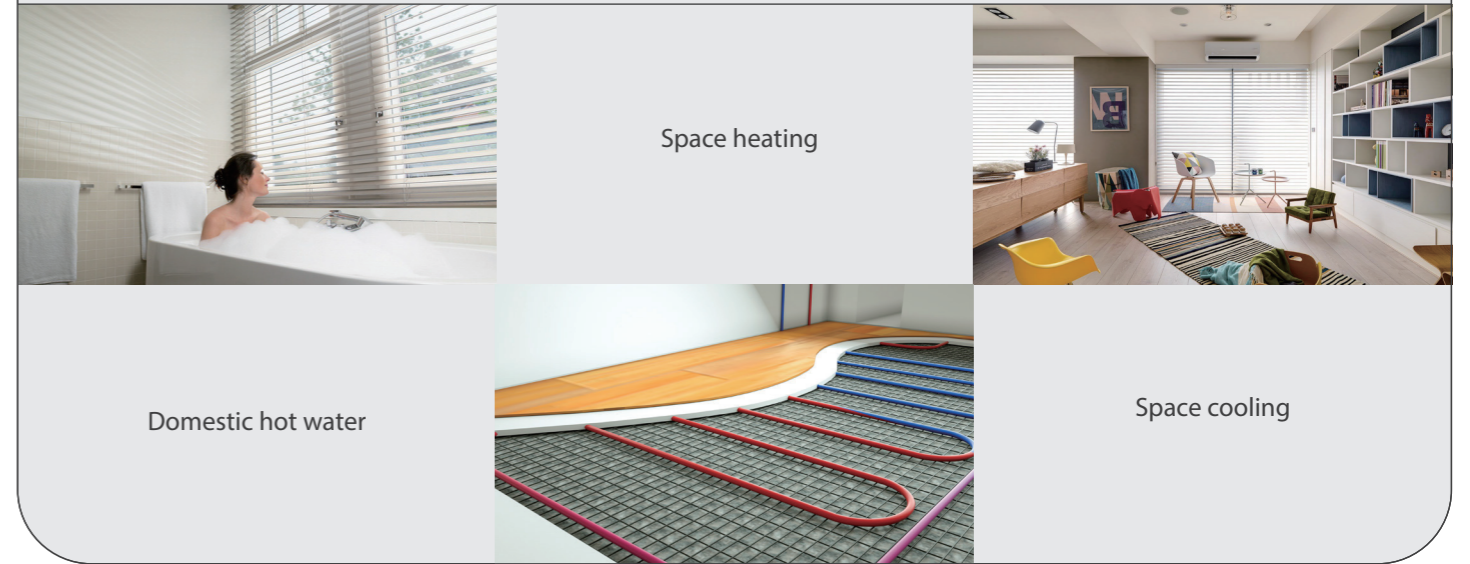






# Application

A complete, all-year-round solution

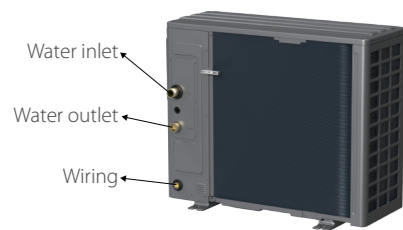


# Features

- All DC Inverter design realize energy saving
- High efficiency (A+++ 35°C, A+++ 55°C)
- 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



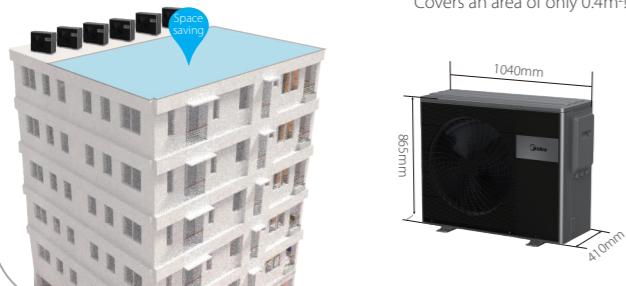
## Easy transportation

Single unit size: 0.4m<sup>3</sup>



## Space saving

Small size with great power  
Covers an area of only 0.4m<sup>2</sup>!

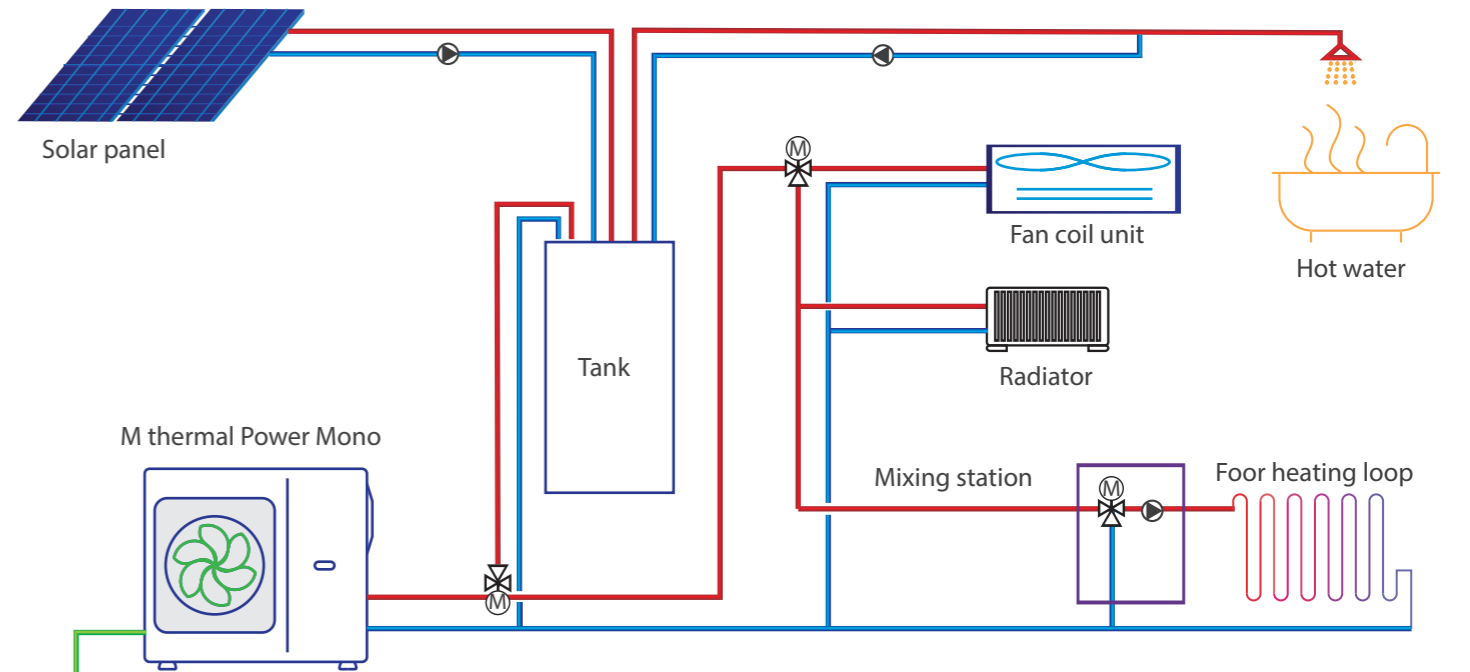


## External electric heater



Enhance capacity for heating system

Power supply (V/Ph/Hz)	380-415/3/50			220-240/1/50	
Capacity (kW)	9	6	4.5	4.5	3



## Controller

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



## SmartHome App

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