



# M thermal Power Mono







# 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

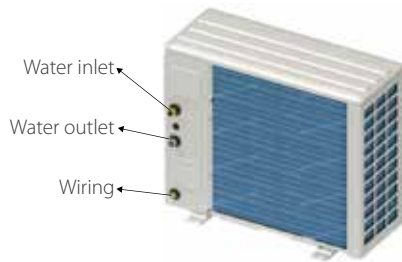


Cascade  
operation



## Easy installation

Refrigerant piping is not required

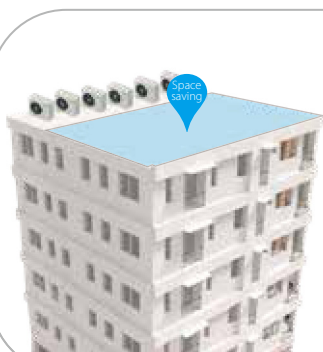


## Easy transportation

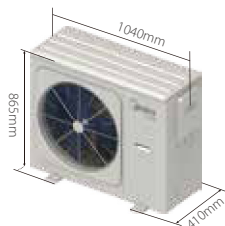
Single unit size: 0.4m<sup>3</sup>



## 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

# Application

A complete, all-year-round solution



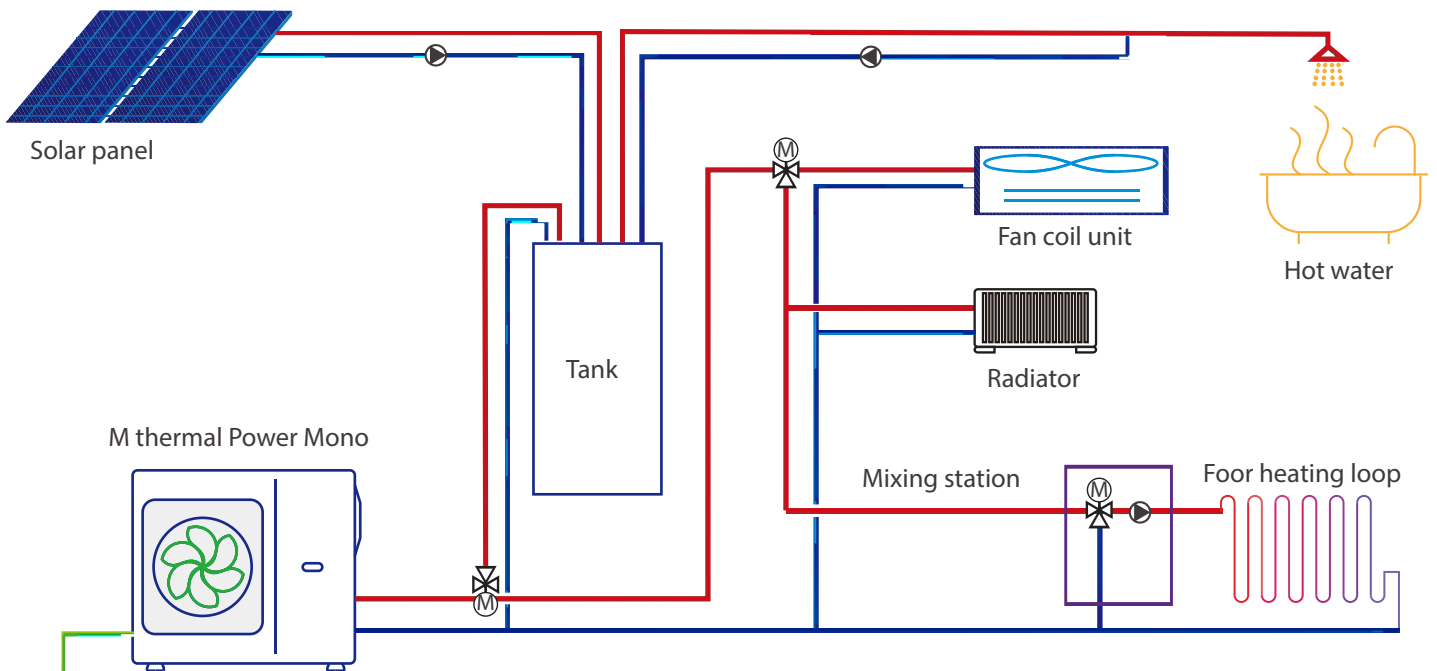
Space heating



Domestic hot water



Space cooling



## 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

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)		1.23	1.66	2.17
	COP		5.30	5.05	4.60
A35/W18	Capacity(kW)		6.50	8.30	10.00
	Input(kW)		1.28	1.71	2.35
	EER		5.10	4.85	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	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	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	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.