



Aqua Eco Mini Chiller





- Lower GWP 675
- Zero impact on ozone layer
- Less carbon emission



- Higher heat transfer coefficient
- Less pressure loss
- No temperature glide



- Easier to get
- Less charged volume

Features



All DC Inverter design realize energy saving



High efficiency



Wide capacity range(5~16kW)



Multiple power supply(1Ph/3Ph)



Convenient software update through USB



Energy consumption (calculation value) display

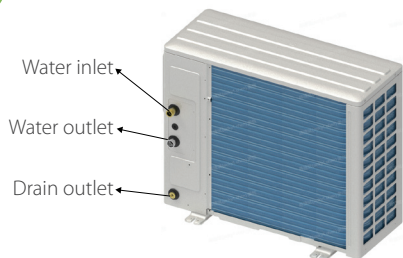


Cascade operation

Easy installation



Refrigerant piping is not required



Easy transportation



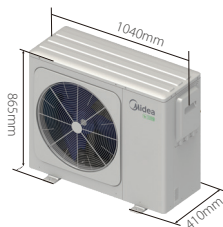
Single unit size: 0.4m³



Space saving



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



External electric heater

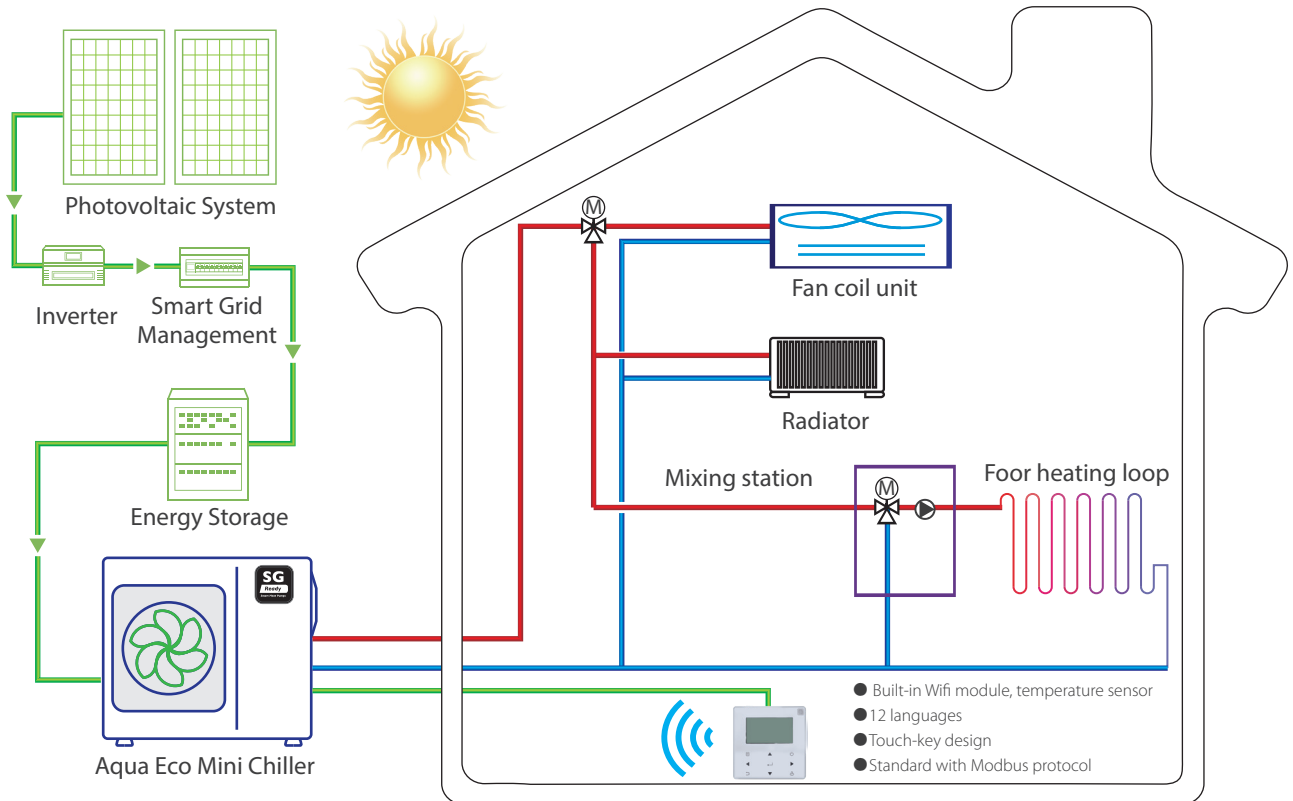
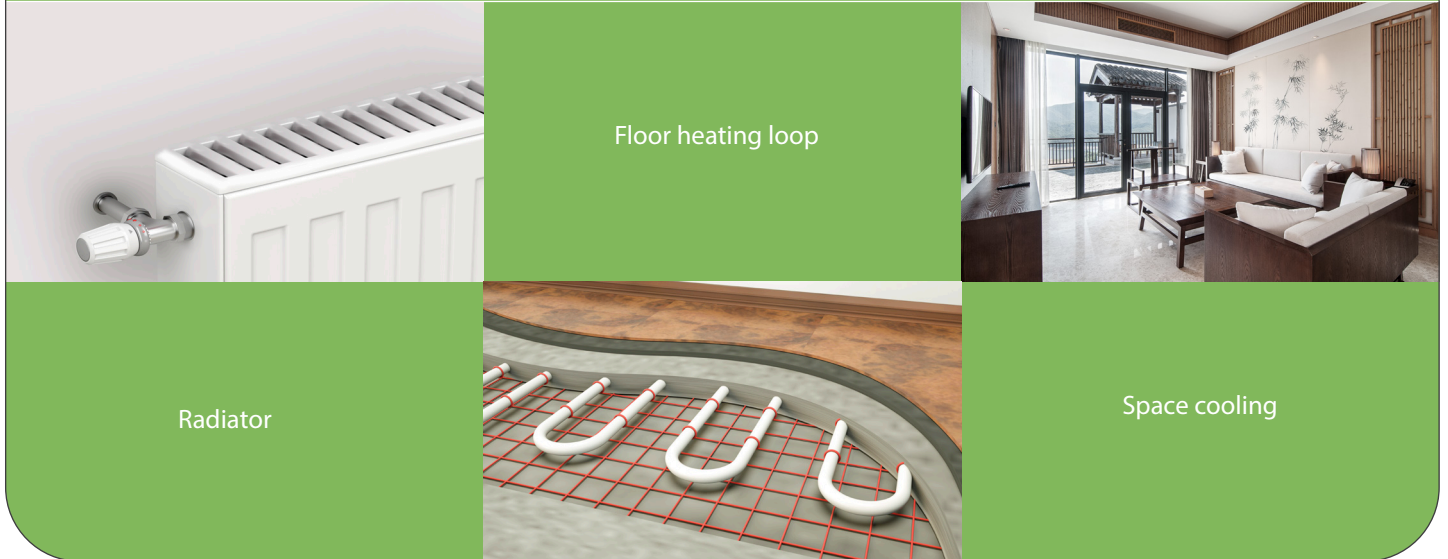


Enhance capacity for heating system

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



Note: The system diagram is for reference only.
Photovoltaic power shall meet the requirements of municipal electricity.

SmartHome APP

(Available from September 1, 2023)

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

The image shows a hand holding a smartphone with the SmartHome APP interface. The screen displays a 'Smart Home' logo and several circular icons for voice control, eye tracking, power, calendar, and other functions. The background is a blurred indoor scene.

Specifications

Model			MGC-V5WD2N8-B	MGC-V7WD2N8-B	MGC-V9WD2N8-B
Power supply(V/Ph/Hz)			220-240/1 /50	220-240/1 /50	220-240/1 /50
A35W7	Capacity(kW)		5.50	7.40	9.00
	Input(kW)		1.69	2.35	3.10
	COP		3.25	3.15	2.90
A7W45	Capacity(kW)		6.60	8.50	10.20
	Input(kW)		1.65	2.24	2.80
	EER		4.00	3.80	3.65
SCOP	A7W35		A+++	A+++	A+++
Refrigerant	Type		R32	R32	R32
	Charged volume	kg	1.25	1.25	1.25
Unit dimension (WxHxD)	mm		1040x865x410	1040x865x410	1040x865x410
Water pump	Max. head	m	9.00	9.00	9.00
	Inlet		G1" BSP	G1" BSP	G1" BSP
Water piping connections	Outlet		G1" BSP	G1" BSP	G1" BSP
	Heating	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35
Cooling	-5 ~ 43		-5 ~ 43	-5 ~ 43	
Water setting temperature	Heating	°C	25 ~ 65	25 ~ 65	25 ~ 65
	Cooling		5 ~ 25	5 ~ 25	5 ~ 25

Model			MGC-V12WD2N8-B	MGC-V14WD2N8-B	MGC-V16WD2N8-B
Power supply(V/Ph/Hz)			220-240/1 /50	220-240/1 /50	220-240/1 /50
A35W7	Capacity(kW)		11.60	13.40	14.00
	Input(kW)		3.74	4.57	4.83
	COP		3.10	2.93	2.90
A7W45	Capacity(kW)		12.50	14.50	16.20
	Input(kW)		3.38	4.09	4.70
	EER		3.70	3.55	3.45
SCOP	A7W35		A+++	A+++	A+++
Refrigerant	Type		R32	R32	R32
	Charged volume	kg	1.8	1.8	1.8
Unit dimension (WxHxD)	mm		1040x865x410	1040x865x410	1040x865x410
Water pump	Max. head	m	9.00	9.00	9.00
	Inlet		G1 1/4" BSP	G1 1/4" BSP	G1 1/4" BSP
Water piping connections	Outlet		G1 1/4" BSP	G1 1/4" BSP	G1 1/4" BSP
	Heating	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35
Cooling	-5 ~ 43		-5 ~ 43	-5 ~ 43	
Water setting temperature	Heating	°C	25 ~ 65	25 ~ 65	25 ~ 65
	Cooling		5 ~ 25	5 ~ 25	5 ~ 25

Model			MGC-V12WD2RN8-B	MGC-V14WD2RN8-B	MGC-V16WD2RN8-B
Power supply(V/Ph/Hz)			380-415/3/50	380-415/3/50	380-415/3/50
A35W7	Capacity(kW)		11.60	13.40	14.00
	Input(kW)		3.74	4.57	4.83
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	Input(kW)		3.38	4.09	4.70
	EER		3.70	3.55	3.45
SCOP	A7W35		A+++	A+++	A+++
Refrigerant	Type		R32	R32	R32
	Charged volume	kg	1.8	1.8	1.8
Unit dimension (WxHxD)	mm		1040x865x410	1040x865x410	1040x865x410
Water pump	Max. head	m	9.00	9.00	9.00
	Inlet		G1 1/4" BSP	G1 1/4" BSP	G1 1/4" BSP
Water piping connections	Outlet		G1 1/4" BSP	G1 1/4" BSP	G1 1/4" BSP
	Heating	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35
Cooling	-5 ~ 43		-5 ~ 43	-5 ~ 43	
Water setting temperature	Heating	°C	25 ~ 65	25 ~ 65	25 ~ 65
	Cooling		5 ~ 25	5 ~ 25	5 ~ 25

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Please note that all the pictures in the document are for reference only. Actual products may vary.

