Aqua Eco Mini Chiller

R32





R 32 Eco friendly
- Lower GWP 675
- Zero impact on ozone layer
- Less carbon emission

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

S Cost saving
- Easier to get
- Less charged volume

Features

All DC Inverter design realize energy saving

A+++ A7W35
High efficiency

Wide capacity range(5~16kW)

Multiple power supply(1Ph/3Ph)

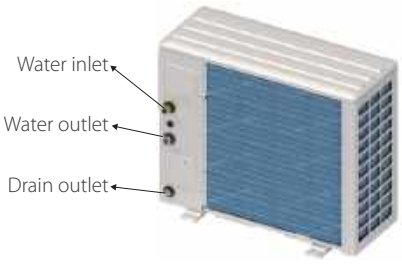
Conventient software update through USB

Energy consumption (calculation value) display

Cascade operation

Easy installation

Refrigerant piping is not required



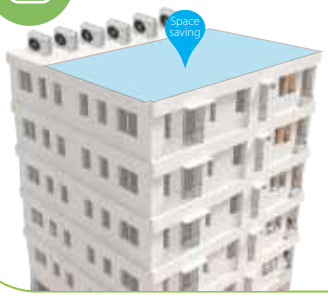
Easy transportation

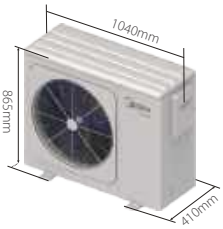
Single unit size: 0.4m^3



Space saving

Small size with great power
Covers an area of only 0.4m^2!





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



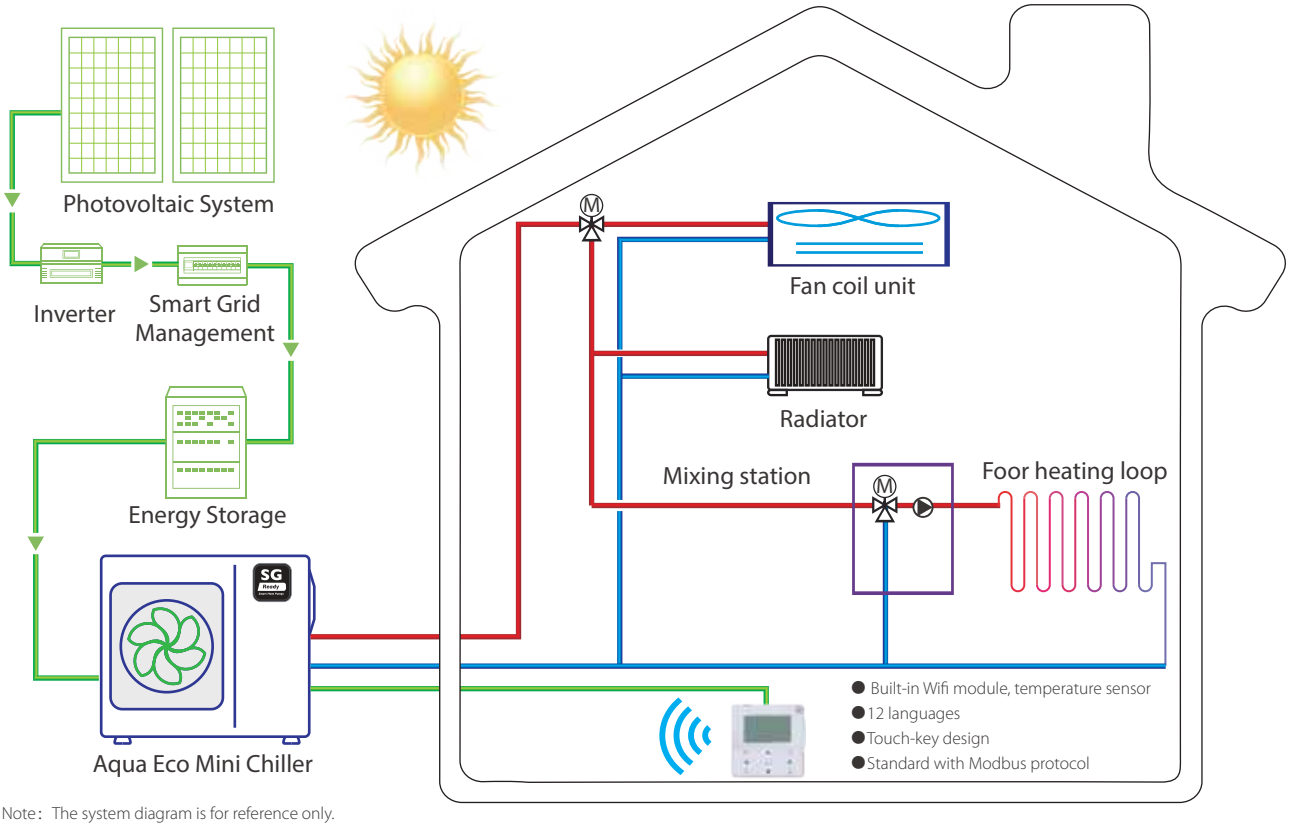
Floor heating loop



Radiator



Space cooling



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



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 (W×H×D)	mm		1040×865×410	1040×865×410	1040×865×410
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	℃	-25 ~ 35	-25 ~ 35	-25 ~ 35
	Cooling		-5 ~ 43	-5 ~ 43	-5 ~ 43
Water setting temperature	Heating	℃	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 (W×H×D)	mm		1040×865×410	1040×865×410	1040×865×410
Water pump	Max. head	m	9.00	9.00	9.00
Water piping connections	Inlet		G1 1/4" BSP	G1 1/4" BSP	G1 1/4"BSP
	Outlet		G1 1/4" BSP	G1 1/4" BSP	G1 1/4"BSP
Ambient temperature range	Heating	℃	-25 ~ 35	-25 ~ 35	-25 ~ 35
	Cooling		-5 ~43	-5 ~ 43	-5 ~ 43
Water setting temperature	Heating	℃	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
	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 (W×H×D)	mm		1040×865×410	1040×865×410	1040×865×410
Water pump	Max. head	m	9.00	9.00	9.00
Water piping connections	Inlet		G1 1/4"BSP	G1 1/4"BSP	G1 1/4"BSP
	Outlet		G1 1/4"BSP	G1 1/4"BSP	G1 1/4"BSP
Ambient temperature range	Heating	℃	-25 ~ 35	-25 ~ 35	-25 ~ 35
	Cooling		-5 ~ 43	-5 ~ 43	-5 ~ 43
Water setting temperature	Heating	℃	25 ~ 65	25 ~ 65	25 ~ 65
	Cooling		5 ~ 25	5 ~ 25	5 ~ 25

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