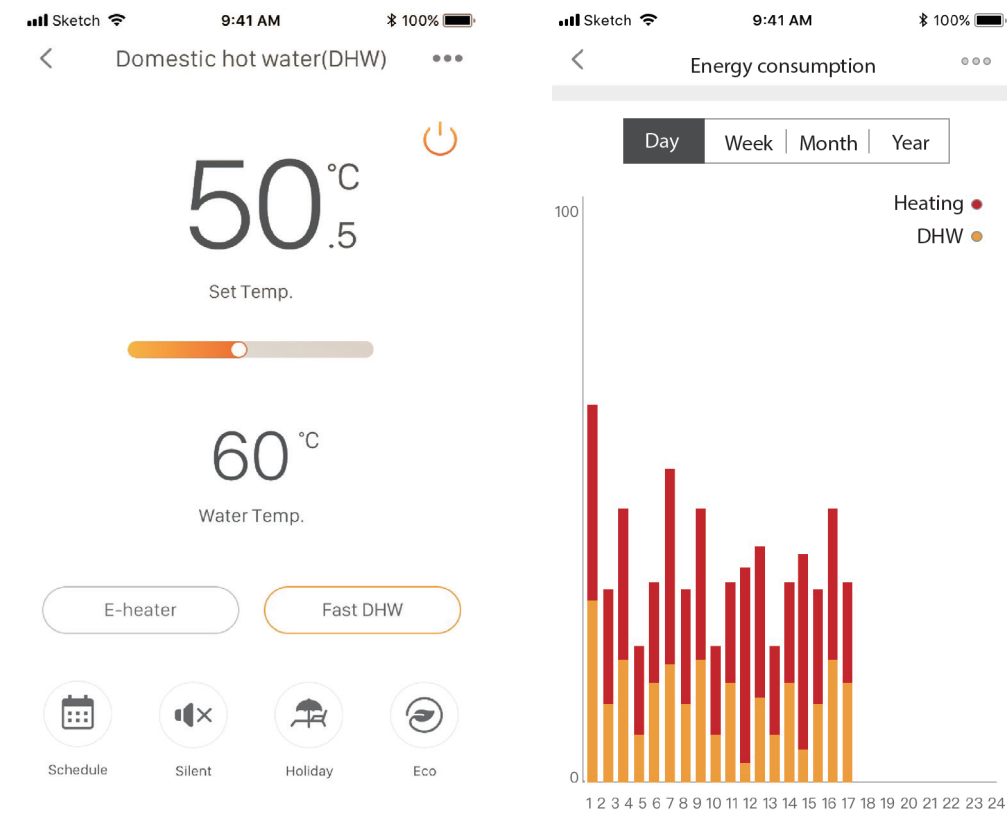
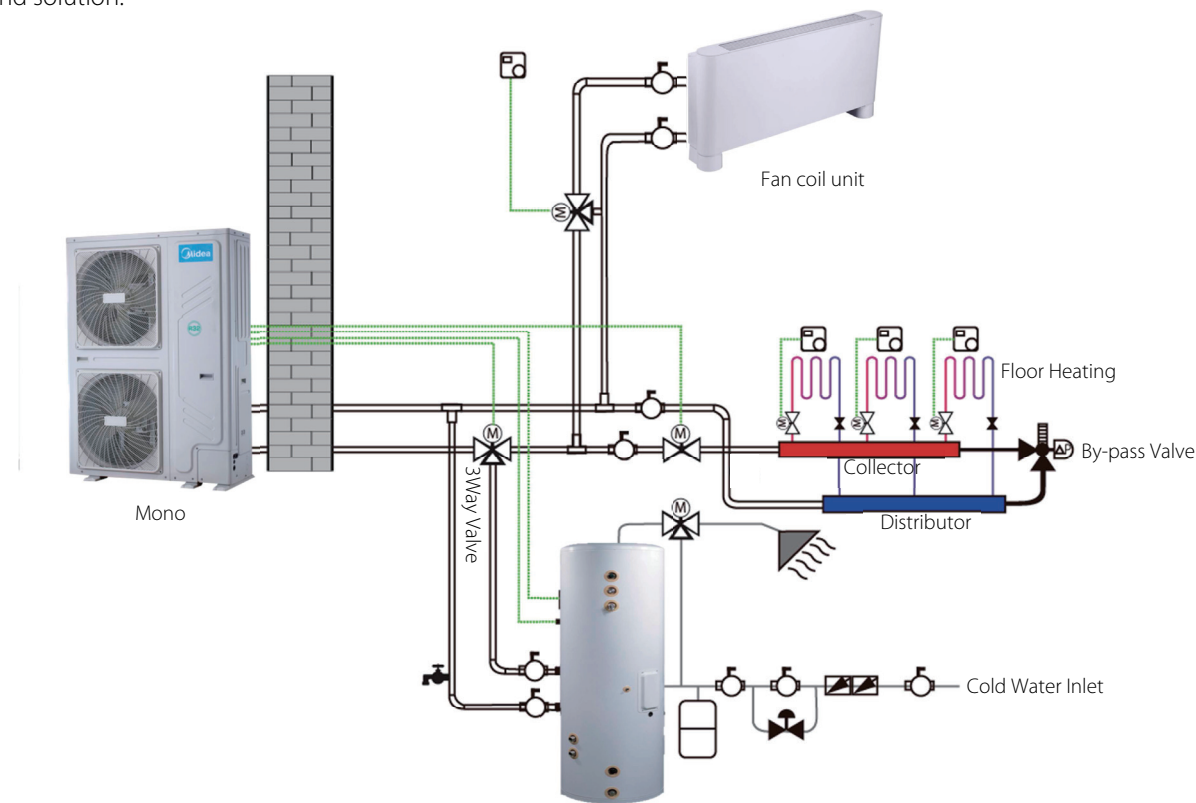


Operation mode, temperature, on/off control setting  
 Error information query  
 Energy consumption statistics and energy management (available on May 31,2020)



### Total heat solution

Mono is an integrated system that provides space cooling and heating as well as domestic hot water, offering a complete, all-year-round solution.



## Specifications

Model name			MHC-V18W/D2RN8	MHC-V22W/D2RN8	MHC-V26W/D2RN8	MHC-V30W/D2RN8
Power supply	V/Ph/Hz		380-415/3/50			
Heating <sup>1</sup>	Capacity	W	18000	22000	26000	30100
	Rated input	W	3830	5000	6373	7698
	COP		4.70	4.40	4.08	3.91
Heating <sup>2</sup>	Capacity	W	18000	22000	26000	30000
	Rated input	W	5143	6471	8387	10345
	COP		3.50	3.40	3.10	2.90
Heating <sup>3</sup>	Capacity	W	18000	22000	26000	30000
	Rated input	W	6545	8302	10612	13043
	COP		2.75	2.65	2.45	2.30
Cooling <sup>4</sup>	Capacity	W	17000	21000	26000	29500
	Rated input	W	5574	7119	9630	11569
	EER		3.05	2.95	2.70	2.55
Cooling <sup>5</sup>	Capacity	W	18500	23000	27000	31000
	Rated input	W	3895	5000	6279	7750
	EER		4.75	4.60	4.30	4.00
Seasonal space heating energy efficiency class <sup>6</sup>	Water outlet at 35°C	class	A+++	A+++	A+++	A++
	Water outlet at 55°C	class	A++	A++	A+	A+
Refrigerant	Type		R32			
	Charged volume	kg	5.0			
Sound power level <sup>7</sup>	dB		71	73	75	77
Unit dimension (WxHxD)	mm		1129x1558x528			
Packing dimension (WxHxD)	mm		1220x1735x565			
Net/Gross weight	kg		177/206			
Water piping connections Dia.	inch		1-1/4" BSP	1-1/4" BSP	1-1/4" BSP	1-1/4" BSP
Ambient temperature range	Cooling	°C	-5-46			
	Heating	°C	-25-35			
	DHW	°C	-25-43			
Water outlet temperature range	Cooling	°C	5-25			
	Heating	°C	25-60			
	DHW	°C	40-60			

Notes:  
 1.Evaporator air in 7°C, 85% R.H., Condenser water in/out 30/35°C  
 2.Evaporator air in 7°C, 85% R.H., Condenser water in/out 40/45°C  
 3.Evaporator air in 7°C, 85% R.H., Condenser water in/out 47/55°C  
 4.Cooling air in 35°C. Evaporator water in/out 12/7°C  
 5.Cooling air in 35°C. Evaporator water in/out 23/18°C  
 6. Seasonal space heating energy efficiency class testes in average climate general  
 7.Testing standard: EN12102-1.  
 8.The above data test reference standard EN14511; EN14825; EN50564; EN12102; (EU) No:811:2013; (EU)No:813:2013; OJ 2014/C 207/02:2014

### Commercial Air Conditioner Division Midea Group

Addr.: Midea Headquarters Building, 6 Midea Avenue, Shunde, Foshan, Guangdong, China

Postal code: 528311

cac.midea.com www.midea-group.com

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

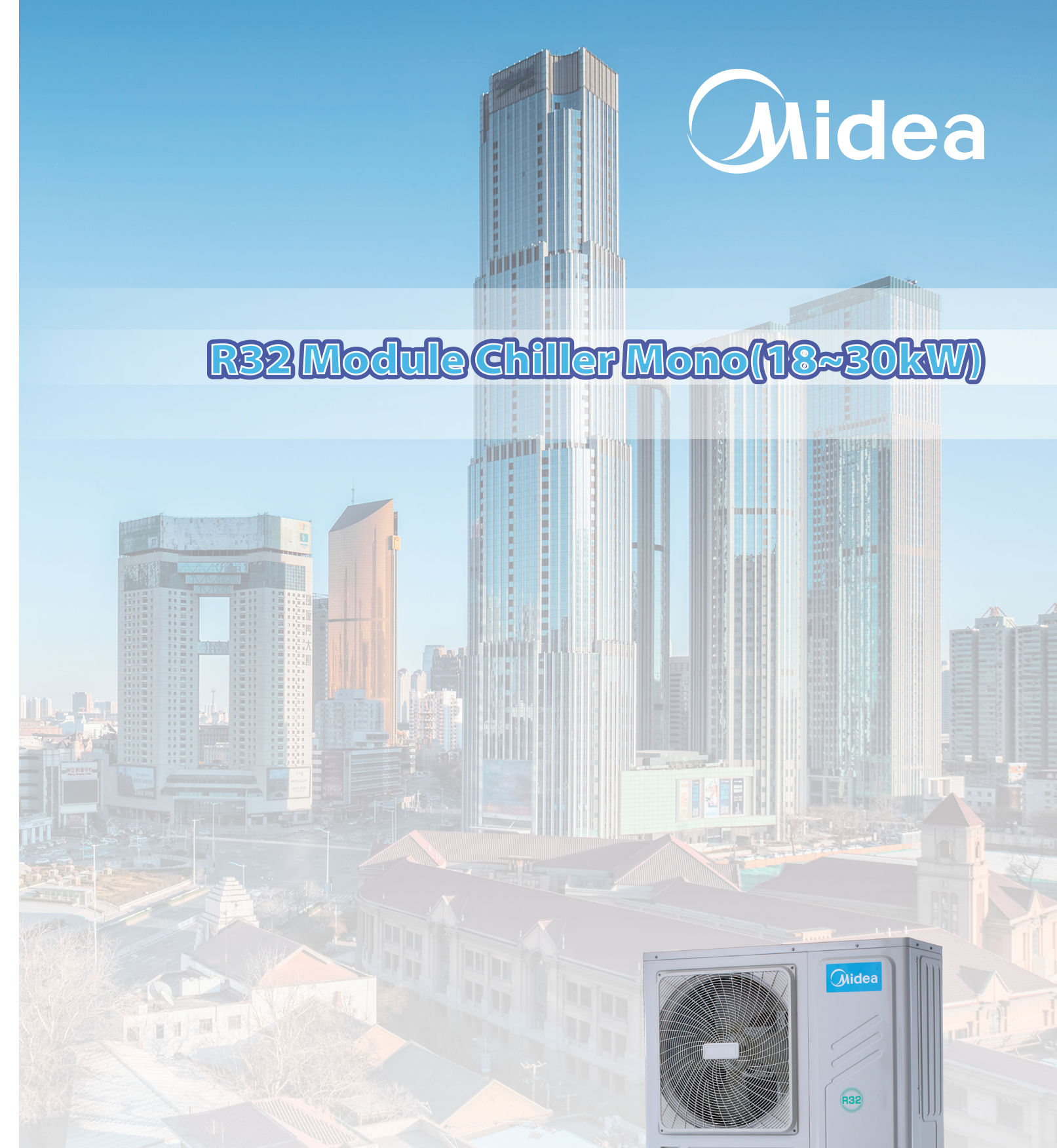
GD MIDEA Heating & Ventilating Equipment Co. Ltd participates in the ECP programme for LCP-HP. Check ongoing validity of certificate: www.eurovent-certification.com



DC Inverter

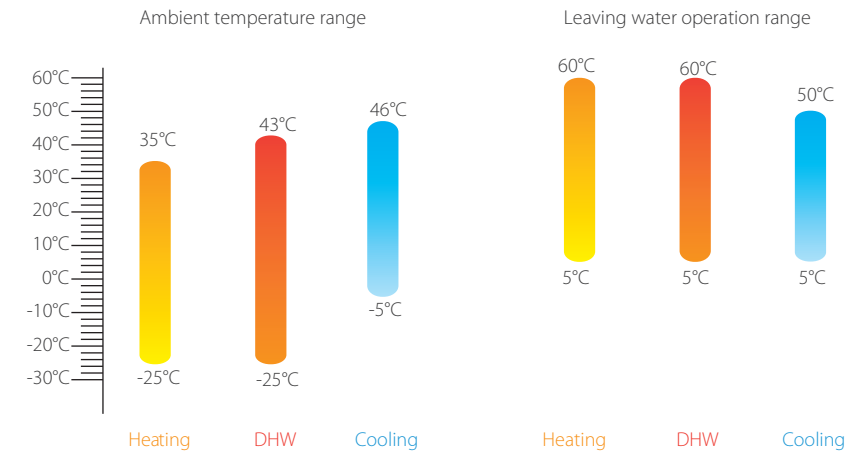


## R32 Module Chiller Mono(18~30kW)



## Wide operation range

- ❖ Operation down to -5°C for cooling mode



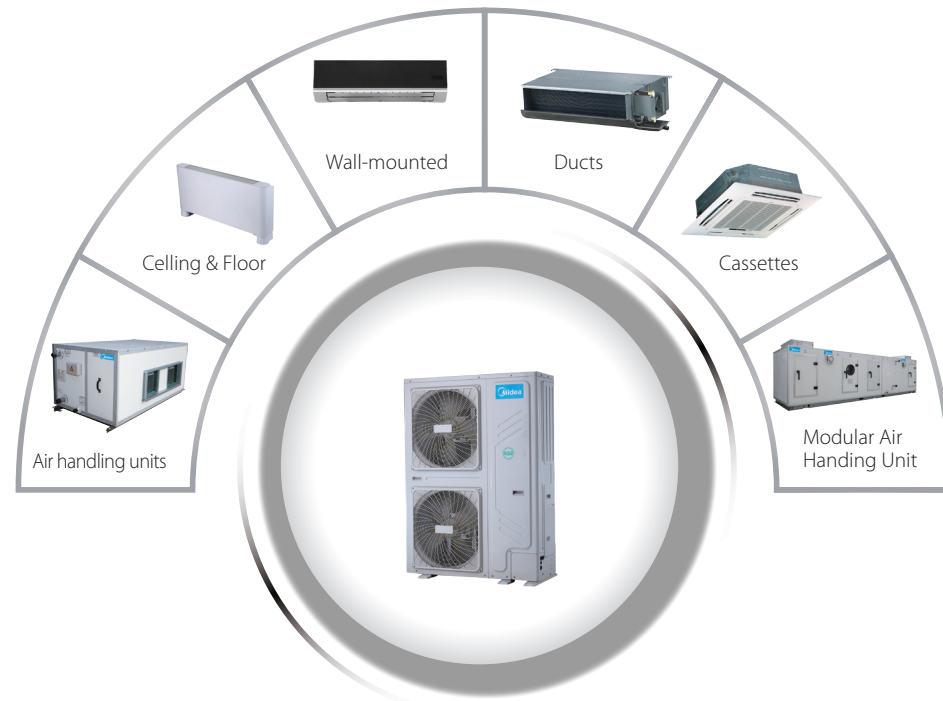
## Wide application

- ❖ Standard with water pump

12m pump head meets most application scenarios and realizes investment saving.



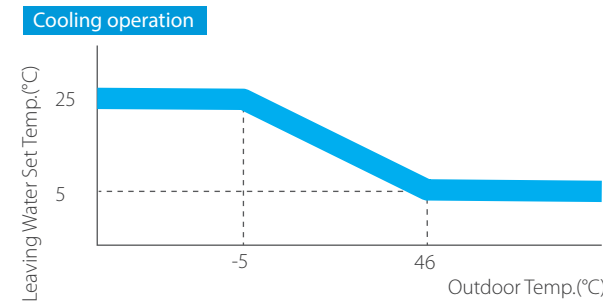
- ❖ Compatible with different kinds of terminals



## Easy setting

- ❖ Weather dependent operation with climate correlation to ensure absolute comfort.

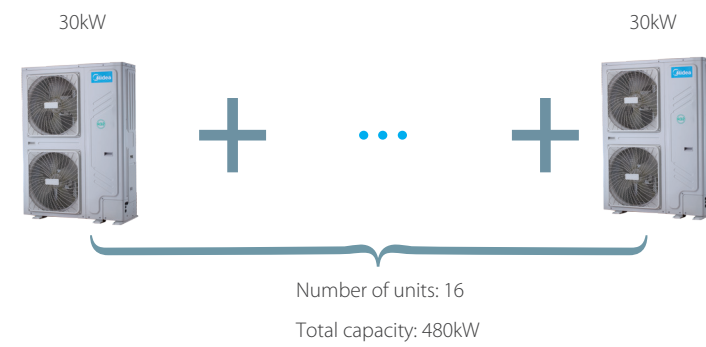
Climate curve allows unit to set outlet water temperature automatically according to ambient temperature. 32 curves and one customized curve for cooling and heating mode to enhance use convenient.



## Flexibility

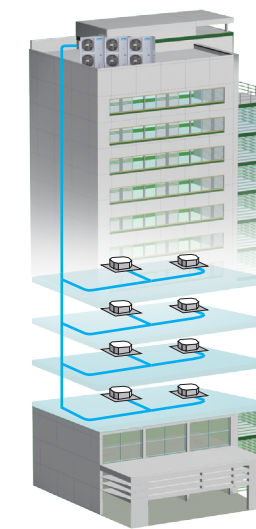
- ❖ Modular design

Modularity is perfect when an extension of capacity becomes required as the building cooling demand evolves. 16 units controlled by one controller can be connected together, giving a system cooling capacity range from 18kW to 480kW.



- ❖ Space saving

Single unit covers an area of only 0.6m<sup>2</sup>, which greatly saves lots of space for group control



## High reliability

- ❖ Alternative cycle duty operation

In one combination system, all units operate as alternative in cycle duty to keep equal running time, realize higher stability, better reliability and longer lifespan.



- ❖ Back-up functions

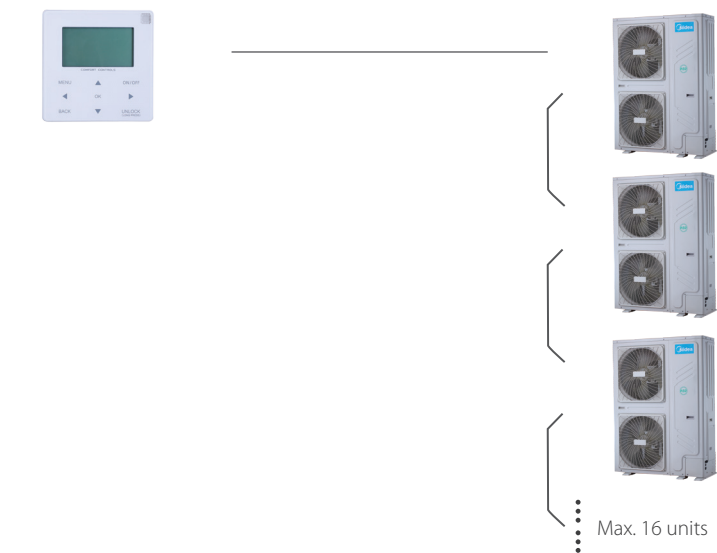
In a combination system, if one unit failed, other units can be back-up instead of the failed one for continuing operation.



## Easy control

- ❖ Group Control for Easy Design

16 units controlled by one controller with automatic addressing(Available on May 31,2020)



Note:

Max. 16 units can be connected to be a system with 480kW capacity, which is controlled by one controller. Please pay attention to solve the hydraulic equilibrium when installation.

- ❖ Wifi wired controller with APP control

