

Specifications (draft)

Model			HB-CP50	HB-CP
Power supply		v/ph/hz	220-240/1/50	220-240/1/50
Rated current		A	1.0	1.0
Net dimension (W*D*H)		mm	650*570*1100	650*570*500
Packing dimension (W*D*H)		mm	780*650*1250	750*670*750
Net/Gross weight		kg	110/130	60/65
Supply water limitation with PHE	cooling	°C	minum=8	minum=8
	heating	°C	max= 77	max= 77
	DHW	°C	max= 70	max= 70
Supply water limitation without PHE (optional)	cooling	°C	minum= 5	minum= 5
	heating	°C	max= 80	max= 80
	DHW	°C	max= 70	max= 70
Pipe connections	Tap water pipe connection	inch	G 3/4"	G 3/4"
	ODU pipe connection	inch	G 1"	G 1"
	Zone1 pipe connection	inch	G 1"	G 1"
	Zone2 pipe connection (optional)	inch	G 1"	G 1"
	Buffer tank outlet pipe connection	inch	/	G 1"
Water circuit parts				
Buffer tank volume		L	50	/
Expansion tank1	volume	L	12	/
	pre-charge pressure	bar	1.5	/
Expansion tank2 (only for box with PHE)	volume	L	5	5
	pre-charge pressure	bar	1.5	1.5
Water pump1 (only for box with PHE)	head	m	9.0	9.0
	max power	W	95.0	95.0
Flow switch (only for box with PHE)		L/min	10	/
Water pump2	head	m	8.0	8.0
	Pump o max power	W	80.0	80.0
Magnetic filter		mesh	40	40
Pressure gauge		bar	0-6	0-6
Safty valve pressure		bar	3.0	/
Water flow range		m³/h	0.7-3.0	0.7-3.0
Operation water pressure		bar	1.0~3.0	1.0~3.0
Three-way valve for DHW		/	integrated	integrated
Tap water check valve		/	integrated	integrated
Drain valve		/	integrated	integrated

Midea Building Technologies Division
Midea Group

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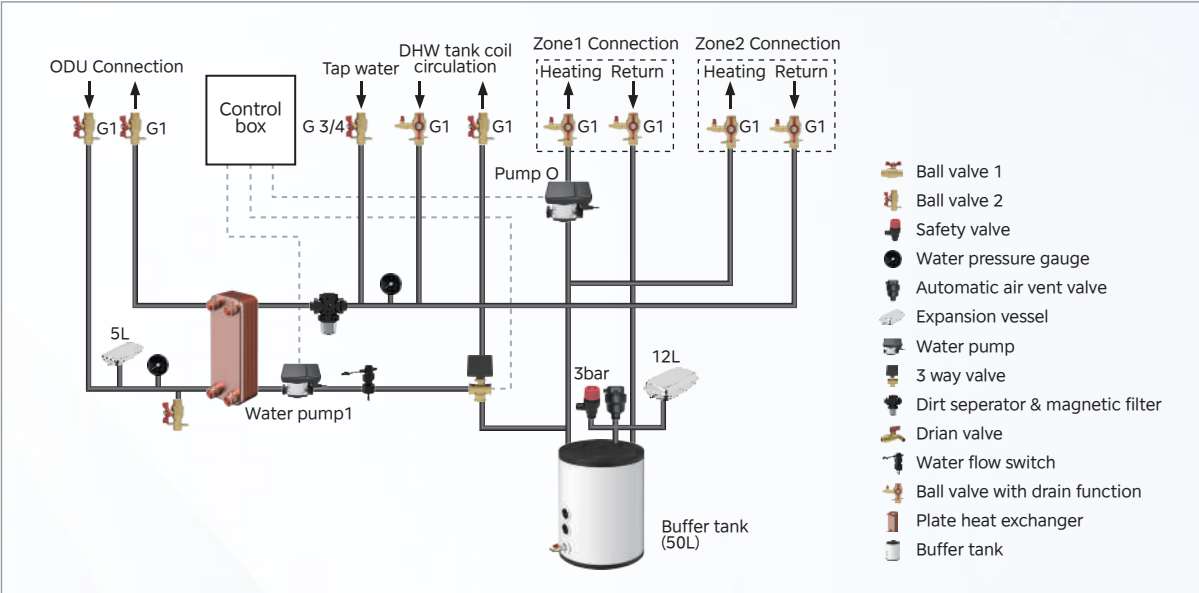
Add.: Midea Headquarters Building, 6 Midea Avenue, Shunde, Foshan, Guangdong, China
Postal code: 528311
mbt.midea.com/global www.midea-group.com ics.midea.com
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AquaLink

Integrated quick installation
Saving 85% installation time

Conventional installation diagram

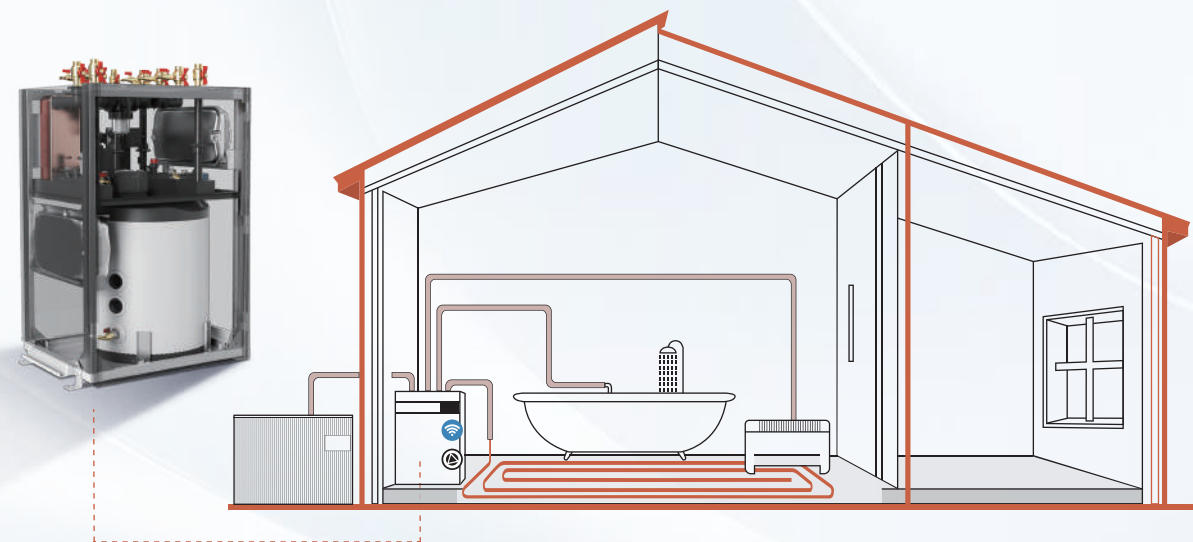


The conventional installation process involves multiple parts procurement, cumbersome processes and high labor costs, resulting in low overall efficiency

AquaLink installation diagram

With integrated components and standardized interfaces, the AquaLink has a beautiful design and easy installation steps, reducing labor costs.

- The number of interfaces is reduced from **60 to 9**, reducing the risk of leakage.
- Ordinary water pipe installers can install it.
- **85%** reduction in installation time.
- **75%** reduction in wall occupancy.



Reliable quality

To provide users with a complete set of product services, after 4 times of inspection in the production process. And commitment to product quality assurance **5** years, after-sales maintenance need not worry.



Convenient maintenance

Using visual magnetic filter, users can view the status of magnetic filter, convenient timely cleaning, to ensure the stable operation of the waterway system.



When the filter is maintained and replaced, the innovative design scheme can simply and efficiently solve the problem of water leakage in the disassembly process, and the quality is more guaranteed.

Multi-scenario application

Integrated products can provide users with products including secondary plate heat exchangers, valve bodies, pipes, main control board and buffer water tanks, and can also be customized according to the scene without secondary plate heat exchangers and buffer water tanks, and can expand domestic hot water and dual-zone functions to achieve different user needs.

