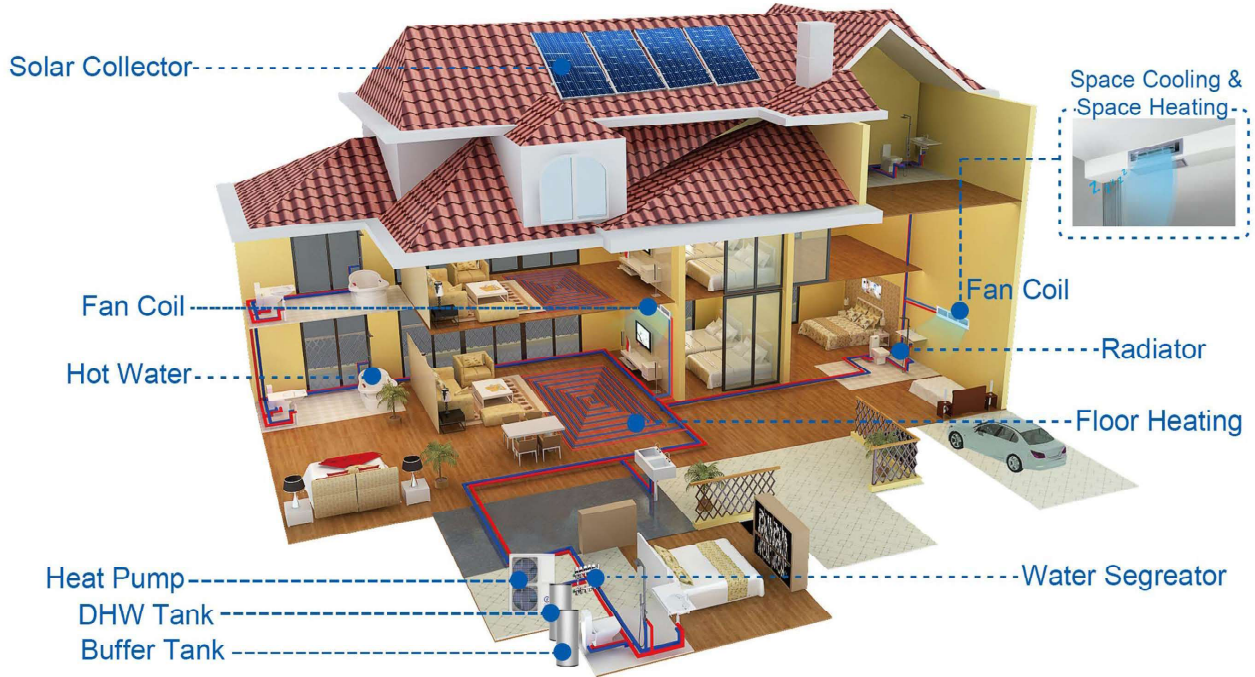
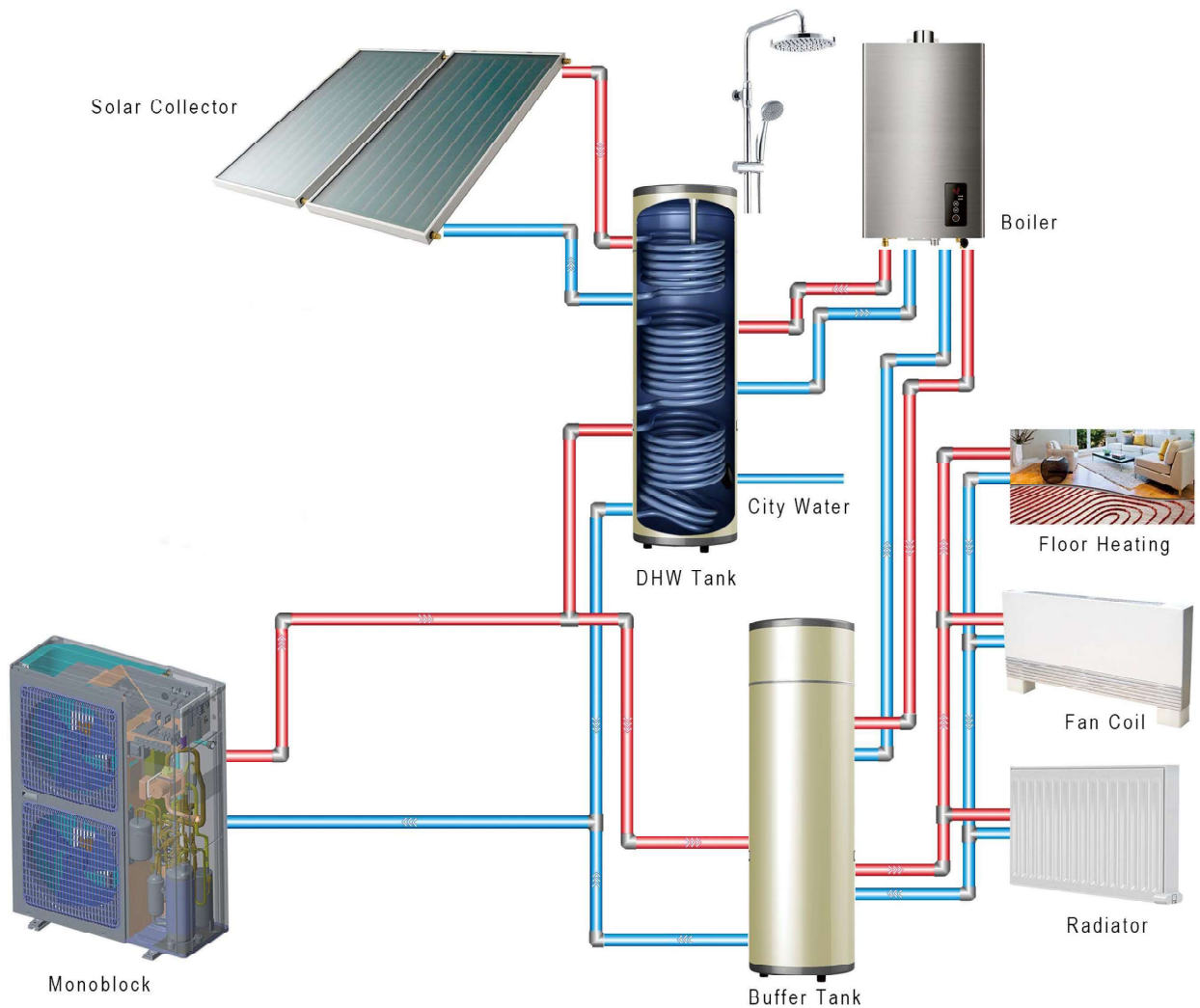


## House Heating Heat Pump-Monoblock



### Cooling ● Heating ● Domestic Sanitary Hot Water



# House Heating Heat Pump-Monoblock

## Specification



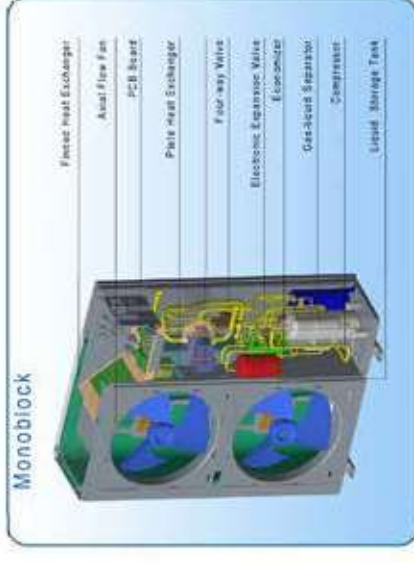
10 KW, 12 KW



16 KW, 18 KW

## Features

- Multi Thermal Connection is available
- WiFi
- DC compressor & DC motor
- EVI compressor working under -30°C
- Low Voltage Starting
- Low Noise
- H-Smart Heating
- Intelligent Water Temperature Control
- PID spray cooling
- Intelligent defrost
- Long-distance Intelligent Control



Monoblock

- Finest Heat Exchanger
- Auxiliary Fan
- PCB Board
- Pipe Heat Exchanger
- Four-way Valve
- Electronic Expansion Valve
- Economizer
- Gas-liquid Separator
- Compressor
- Liquid Storage Tank

Model	ETHI-10M	ETHI-12M	ETHI-16M	ETHI-18M
Power Supply	/	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz
Water Proof Level	/	IPX4	IPX4	IPX4
Electric Shock Proof Grade	/	I	I	I
Max. Heating Capacity	kW	10	12	17,5
Heating Input Power	kW	2,48	2,73	4,43
COP	W/W	4,03	4,40	3,95
Heating Capacity Min./Max.	kW	4,2/10	5/12	6,4/16
Max. Heating Capacity	kW	9,42	11,22	15
Heating Input Power	kW	3,06	3,51	4,9
COP	W/W	3,08	3,20	3,06
Heating Capacity Min./Max.	kW	3,98/9,42	4,56/11,22	6,05/15
Max. Cooling Capacity	kW	7	9	12
Cooling Input Power	kW	2,8	3,05	4,6
EER	W/W	2,5	2,95	2,61
Cooling Capacity Min./Max.	kW	2,92/7	3,6/9	5,1/12
Refrigerant/Weight	/	R410A	R410A	R410A
Max. Water Outlet Temperature	°C	55°C	55°C	55°C
Heat Range of Heating Operation	°C	-25~43	-25~43	-25~43
Heat Range of Cooling Operation	°C	15~43	15~43	15~43
Compressor	Type	Rotary	Rotary	Rotary
Fan	Brand	Midea - Toshiba	Midea - Toshiba	Midea - Toshiba
Heat Exchanger		DC	DC	DC
Rated Water Flow	m³/h	Plate	Plate	Plate
Water Pressure Drop	kPa	1,72	2,06	3,01
Max. Water Pressure	MPa	40	50	50
Water Pipe Connection	inch	1	1	1
Noise	dB(A)	RC3/4"	R1"	R1"
Net Weight	kg	60	60	62
Net Dimension (L*W*H)	mm	85	85	160
Packing Dimension (L*W*H)	mm	1036*406*740	1036*406*740	1036*406*1410
		1086*446*820	1086*446*820	1086*446*1490
		A+	A+	A+

## Remark:

- Test conditions: The above data test reference EN14825:2016
  - > Heating\*: Ambient Temp. (DBWB): 7°C/6°C, Water Temp. (In/Out): 30°C/35°C.
  - > Heating\*\*: Ambient Temp. (DBWB): 7°C/6°C, Water Temp. (In/Out): 40°C/45°C.
  - > Cooling\*\*: Ambient Temp. (DBWB): 35°C/24°C, Water Temp. (In/Out): 12°C/7°C.
- The data above is only for reference, and might be changed without prior notice.

