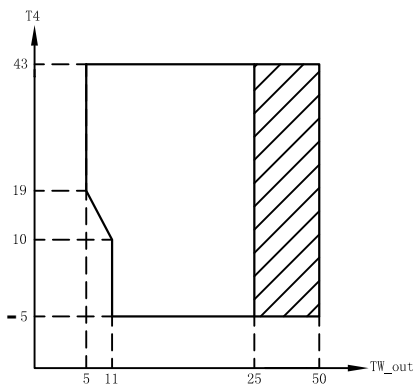
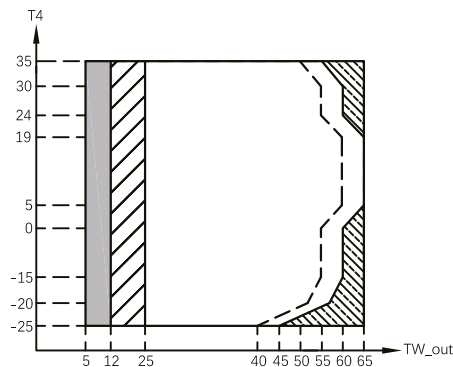


In cooling mode, the water flowing temperature (TW\_out) range in different outdoor temperature(T4) is listed below:



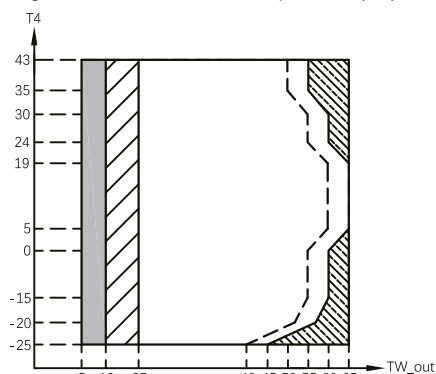
Operation range by heat pump with possible limitation and protection.

In heating mode, the water flowing temperature (TW\_out) range in different outdoor temperature (T4) is listed below:



If IBH/AHS setting is valid, only IBH/AHS turns on;  
 If IBH/AHS setting is invalid, only heat pump turns on, limitation and protection may occur during heat pump operation.  
 Operation range by heat pump with possible limitation and protection.  
 Heat pump turns off, only IBH/AHS turns on.  
 Maximum inlet water temperature line for heat pump operation.

In DHW mode, the water flowing temperature(TW\_out) range in different outdoor temperature(T4) is listed below:



If IBH/AHS setting is valid, only IBH/AHS turns on;  
 If IBH/AHS setting is invalid, only heat pump turns on, limitation and protection may occur during heat pump operation.  
 Operation range by heat pump with possible limitation and protection.  
 Heat pump turns off, only IBH/AHS turns on.  
 Maximum inlet water temperature line for heat pump operation.

## 3 ACCESSORIES

### 3.1 Accessories supplied with the unit

Installation Fittings		
Name	Shape	Quantity
Installation and owner's manual(this book)		1
Operation manual		1
Technical data manual		1
Y-shape filter		1
Wired controller		1
Thermistor for domestic hot water tank or zone2 water flow or balance tank		1
Drian hose		1
Energy label		1
Tighten belt for customer wiring use		2
		3
Network matching wires		1

### 3.2 Accessories available from supplier

Thermistor for balance tank(Tbt1)		1
Extension wire for Tbt1		1
Thermistor for Zone 2 flow temp.(Tw2)		1
Extension wire for Tw2		1
Thermistor for solar temp.(Tsolar)		1
Extension wire for Tsolar		1

Thermistor and extension wire for Tbt1, Tw2, Tsolar can be shared, if these functions are needed at the same time, and 10m in length of the sensor cable please order these thermistors and extension wire additionally.

## 4 BEFORE INSTALLATION

### • Before installation

Be sure to confirm the model name and the serial number of the unit.

### • Handling

Due to relatively large dimensions and heavy weight, the unit should only be handled using lifting tools with slings. The slings can be fitted into foreseen sleeves at the base frame that are made specifically for this purpose.