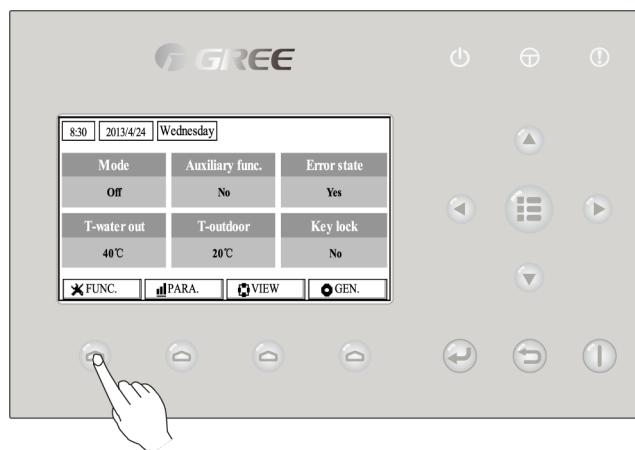





### 3.2.2 Function Setting

It enables the user to set each function.











#### [Operation Instructions]

1. At the homepage, by pressing the Function key no. 1 , the control will access to the **FUNCTION** page 1, as shown in the figure below.


## Unit Control

8:30	2013/4/24	Wednesday	<b>FUNCTION</b>
<b>Mode</b>	<b>Ctrl. state</b>	<b>Fast hot water</b>	
<b>Heat</b>	<b>T-room</b>	<b>Off</b>	
<b>T-water ctrl.</b>	<b>Cool+hot water</b>	<b>Heat+hot water</b>	
<b>Low temp.</b>	<b>Cool</b>	<b>Heat</b>	
		↑ Last	↓ Next

### FUNCTION page 1

2. At the **FUNCTION** page, by the Right/Left key   , the desired function option can be selected, and by the Up/Down key   , the setting of the current function option can be modified. The function key no. 3  or no. 4  can be used for switch pages. After the setting is finished, by pressing the Menu key  , the control will back to the homepage, or by pressing the Return key  the control will back to the higher level menu.

#### [Notes]

- ① Move the cursor to the desired option and **"Enter"** will be displayed at the lower left side of the LCD, reminding you that you are allowed to access to the submenu by pressing the OK key  .
- ② At the **FUNCTION** page, when the setting of some function option is changed and needs to be memorized, then in case of power failure it will be saved automatically and resume upon power recovery.

#### Function Settings

No.	Full Name	Displayed Name	Range	Default	Remarks
1	Running mode setting	Mode	Cool Heat Hot water Cool+Hot water Heat+Hot water	Heat	When the water tank is unavailable, then only "Cool" and "Heat" are included in the range.
2	Control state	Ctrl. state	T-water out / T-room	T-water out	"T-Room" is available only when "Remote Sensor" is set to "WITH".
3	Fast hot water	Fast hot water	On/Off	Off	When the water tank is unavailable, this function will be reserved, and the LCD will display 'Reserved'.
4	Water out temperature control	T-water ctrl.	High temp./ Normal temp.	Normal temp.	1. When "Floor config" is set to "With", the function is defaulted to be "Normal temp." and cannot be

## Unit Control

					unadjustable 2. When "Floor config" is set to "Without", this function is adjustable.
5	Cool+hot water	Cool+hot water	Cool/Hot water	Cool	When the water tank is unavailable, this function will be reserved, and the LCD will display 'Reserved'.
6	Heat+hot water	Heat+hot water	Heat/Hot water	Heat	When the water tank is unavailable, this function will be reserved, and the LCD will display 'Reserved'.
7	Quiet mode	Quiet mode	On/Off	Off	/
8	Quiet timer	Quiet timer	On/Off	Off	/
9	Weather-dependent mode	Weatherdepend	On/Off	Off	/
10	Holiday release	Holiday release	On/Off	Off	/
11	Disinfection	Disinfection	On/Off	Off	When the water tank is unavailable, this function will be reserved, and the LCD will display 'Reserved'.
12	Weekly timer	Weekly timer	On/Off	Off	/
13	Clock timer	Clock timer	On/Off	Off	/
14	Temperature timer	Temp. timer	On/Off	Off	/
15	Solar kit	Solar kit	On/Off/Timer	Off	When the water tank is unavailable, this setting will be reserved. If it is set to "On", the solar kit will function no matter if the timer is activated or not; if it is set to "Off", the solar heating function is unavailable; if it is set to "Timer", the solar kit can function when the timer has been activated.
16	Floor debug	Floor debug	On/Off	Off	/
17	Emergency mode	Emergen. mode	On/Off	Off	/
18	Holiday mode	Holiday mode	On/Off	Off	/
19	Thermostat	Thermostat	Air/Without/ Air+hot water	Without	This setting cannot be changed from "Air" to "Air+hot water" directly but via "Without" this option and the unit will go to Without status. Meanwhile, the control will send out "Without" command for consecutive 40 seconds (it is longer than the communication error, and the "On" command can be performed only when 40 seconds have been

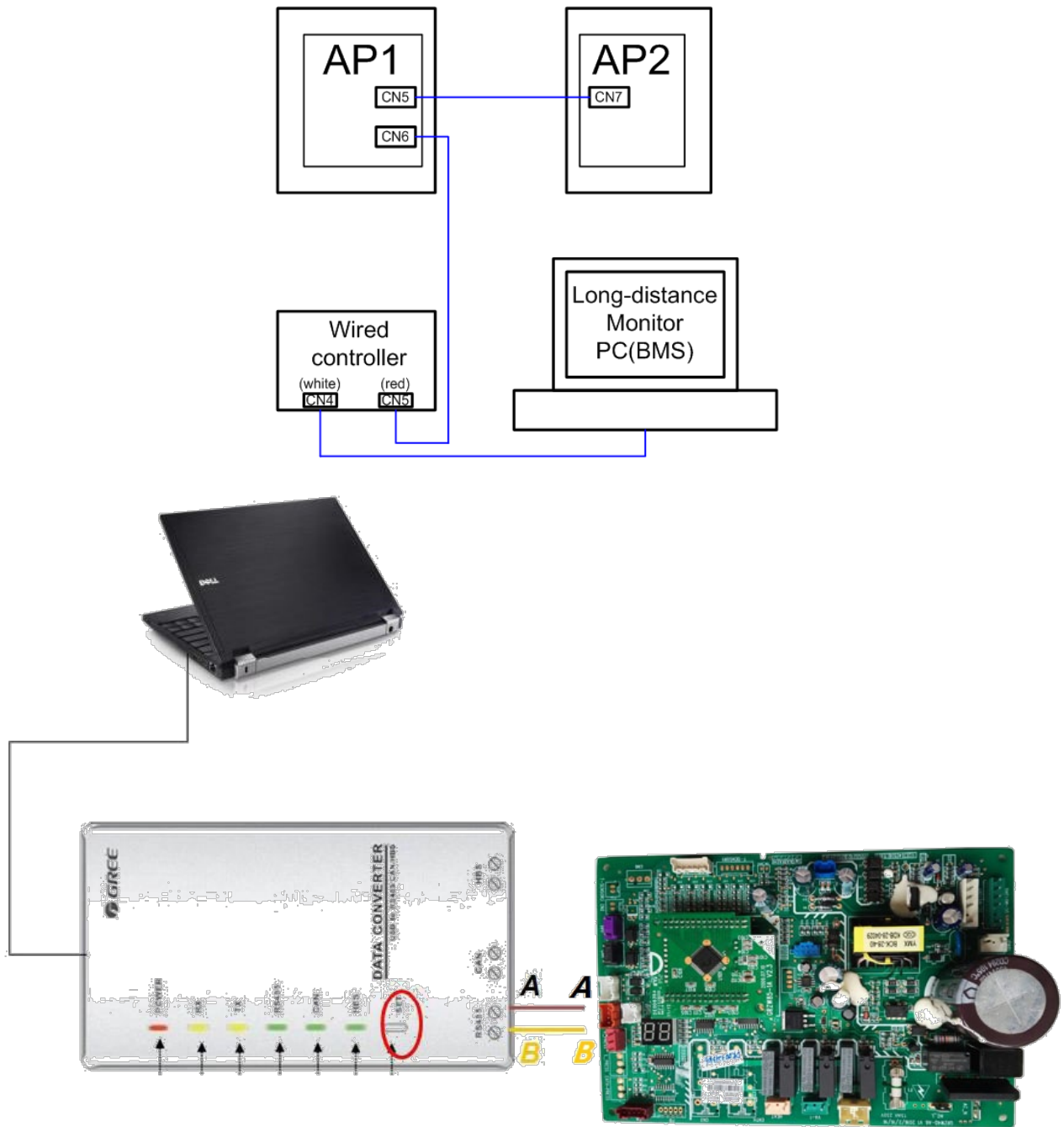
Unit Control

					expired. When it set to "Air+hot water", "hot water" can be performed even though the thermostat is off.
20	Assistant heater	Assis. Heater	1/2/Off	Off	/
21	Other heater	Other heater	With/Without	Without	/
22	Chassis heater	Chassis heater	On/Off	On	/
23	Tank heater running	Tank heater	On/Off	Off	When the water tank is available, this setting is adjustable; when it is unavailable, it will be reserved. When it is set to be "Off" and the solar kit is available, the water tank temperature will be adjustable; when the solar kit is unavailable, the upper limit of the water tank temperature should be set to 50°C .
24	Solar kit-antifreeze	Solar antifre	On/Off	Off	
25	Water tank	Water tank	With/Without	Without	/
26	Tank sensor	Tank sensor	1/2	2	When the water tank is unavailable, this function will be reserved. and the LCD will display 'Reserved'.
27	Solar heater	Solar heater	With/Without	Without	/
28	Floor config	Floor config	With/Without	With	Under the heating mode, if it is set to "With", the setting value is defaulted to be the normal water temperature and cannot be adjusted; if it is set to "Without", the setting value can be changed freely. Under the cooling mode, if it is set to "With", the leaving water temperature range will be 18- 25°C and 18°C is the default. When it is set to "Without", the leaving water temperature range will be 7-25°C and 7°C is the default. This setting is unavailable when the unit is stopped.
29	Remote sensor	Remote sensor	With/Without	Without	When it is set to "Without", the "Control state" will be automatically changed to "T-water out".

### Unit Control

30	Air removal	Air removal	On/Off	Off	/
31	Address	Address	[1~125] [127~253]	1	/
32	Gate-Controller	Gate-Ctrl.	On/Off	Off	/

### 4.17 Wiring of the Control



# Installation

**TextParser2.0(After Service Edition)**

Setting Window Language Edition Help

DataReceive Time : 2016-03-09 10:16:55 Machine : Versati of Common Water

Outdoor				Indoor			
Version(Outdoor)	10	4-way valve	Off	High pressure	Normal	Solar h	Normal
Mode	Cool	Crankc. heater	Off	Low pressure	Normal	HP-Wate	Normal
T-outdoor	29	Chassis heater	Off	Hi-discharge	Normal	Low wat	Normal
T-defrost	42	Defrost	Off	Capacity DIP	Normal	SW-Wate	Normal
T-discharge	67	Oil return	Off	ODU-IDU Com.	Normal	DC unde	Normal
T-suction	-5	Ambient sensor	Normal	LP freeze-P	Normal	DC over	Normal
HP-Antifree	Off	Defro. sensor	Normal	Sys-Retrieve pro.	Without	AC curr	Without
SL-Antifree	Off	Disch. sensor	Normal	Sys-Irretrieve pro.	Without	IPM def	Without
Compressor	On	Suction sensor	Normal	Water freeze.	Normal	PFC def	Normal
Fan 1	On	Outdoor fan	Normal	Tank hi-temp.	Normal	Start f	Normal
Fan 2	On	Comp. overload	Normal	Water hi-temp.	Normal	Phase 1	Normal

ShowBoards										
Protocol(ShowBoards)	10	Disinfection	Off	FCU and Radia config	Without	WOT-Cool	8	Lower AT-Heat	-15	Upper WT
On/off	On	Floor debug	Off	Remote sensor	Without	WOT-Heat	55	Upper RT-Heat	24	Lower WT
Solar kit	OFF	Emergen. mode	Off	Debug mode	Off	RT-Cool	24	Lower RT-Heat	20	ΔT-Cool
Ctrl. state	T-water	Thermostat	Without	Holiday mode	Off	RT-Heat	20	Upper WT-Heat	48	ΔT-Heat
Fast hot water	On	Other heater	Without	Air removal	Off	T-water tank	70	Lower WT-Heat	40	ΔT-hot
Cool+hot water	Cool	Chassis heater	On	Floor config	Without	T-Eheater	-7	Upper AT-Cool	40	Test fre
Heat+hot water	Heat	Water tank	With	Mode	Cool	T-Extraheater	-15	Lower AT-Cool	25	IDU Com.
Quiet mode	Off	Tank sensor	2	IDU heater	2	T-HP Max	50	Upper RT-Cool	27	ODU Com.
Weatherdepend	Off	Solar heater	Without	Set temp.	70	Upper AT-Heat	15	Lower RT-Cool	22	Eliminat

**TextParser2.0(After Service Edition)**

Setting Window Language Edition Help

DataReceive Time : 2016-03-09 10:17:43 Machine : Versati of Common Water

Outdoor		Indoor	
<input checked="" type="checkbox"/> T-outdoor	29	<input checked="" type="checkbox"/> T-water out PE	8.5
<input checked="" type="checkbox"/> T-defrost	42	<input checked="" type="checkbox"/> T-water out EH	8
<input checked="" type="checkbox"/> T-discharge	67	<input checked="" type="checkbox"/> Temp-RLL	8
<input checked="" type="checkbox"/> T-suction	-5	<input checked="" type="checkbox"/> T-water in PE	12
Version(Outdoor)	10	<input checked="" type="checkbox"/> T-tank ctrl.	21
Mode	Cool	<input checked="" type="checkbox"/> T-tank display	19
HP-Antifree	Off	<input checked="" type="checkbox"/> Temp-RGL	7
SL-Antifree	Off	<input checked="" type="checkbox"/> T-SL water-0	-100
Compressor	On	<input checked="" type="checkbox"/> T-remote room	-100
Fan 1	On	Version(Indoor)	10
Fan 2	On	Thermostat	Off
4-way valve	Off	Temp-HELW	Normal
Crankc. heater	Off	Temp-AHLW	Normal
Chassis heater	Off	Temp-RLL. Error	Normal
Defrost	Off	Temp-HEEW	Normal
Oil return	Off	Tank sens. 1	Normal
Ambient sensor	Normal	Tank sens. 2	Normal
Defro. sensor	Normal	Temp-RGL. Error	Normal
Disch. sensor	Normal	T-SL water out	Normal
Suction sensor	Normal	T-Remote Air	Normal
Outdoor fan	Normal	3-way valve 2	Off
Comp. overload	Normal	3-way valve 1	Off
High pressure	Normal	Assist. heater	Off
Low pressure	Normal	Water switch	Off

**Resetting**

ShowBoards				
Protocol(ShowBoards)	10	Heat+hot water	Heat	Thermostat
On/off	On	Quiet mode	Off	Other heater
Solar kit	OFF	Weatherdepend	Off	Chassis heater
Ctrl. state	T-water	Disinfection	Off	Water tank
Fast hot water	On	Floor debug	Off	Tank sensor
Cool+hot water	Cool	Emergen. mode	Off	Solar heater