ARTG30/36/45/54LHTA Function Setting

⚠ CAUTION
Confirm whether the wiring work for outdoor unit has been finished.
Confirm whether the cover for electric control box on the outdoor unit is close.

8. 1. Turning on the power

(1) Check the remote controller wiring and DIP switch settings.
(2) Install the front case. When installing the front case, connect the connector to the front case.
(3) Check the indoor and outdoor unit wiring and circuit board switch settings, and then turn on the indoor and outdoor units. After "8C" has flashed on the set temperature display for several seconds, the clock display will appear in the center of the remote controller display.
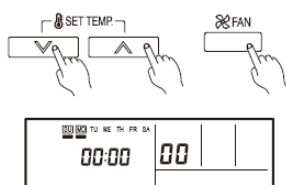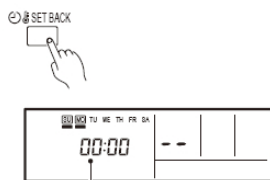The clock display will appear in the center of the remote controller display.

8. 2. Setting method

• This procedure changes to the function settings used to control the indoor unit according to the installation conditions.
• Incorrect settings can cause the indoor unit malfunction.
• After the power is turned on, perform the "FUNCTION SETTING" according to the installation conditions using the remote controller.
• The settings may be selected between the following two:
• Function Number or Setting Value.
• Settings will not be changed if invalid numbers or setting values are selected.
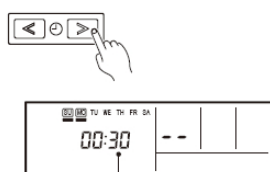
(1) Press the set temperature buttons (∨) (∧) and fan control button simultaneously for more than 5 seconds to enter the function setting mode.

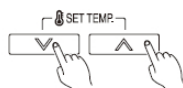Press the SET BACK button to select the indoor unit number.

Unit number of INDOOR UNIT

(2) Press the set time buttons to select the function number.

Function number

(3) Press the set temperature buttons (∨) (∧) to select the setting value.
The display flashes as shown to the right during setting value selection.

(4) Press the TIMER SET button to confirm the setting. Press the TIMER SET button for a few seconds until the setting value stops flashing.
If the setting value display changes or if "- -" is displayed when the flashing stops, the setting value has not been set correctly. (An invalid setting value may have been selected for the indoor unit.)

Setting value

(5) Repeat steps 2 to 5 to perform additional settings. Press the set temperature buttons (∨) (∧) and fan control button simultaneously again for more than 5 seconds to cancel the function setting mode. In addition, the function setting mode will be automatically canceled after 1 minute if no operation is performed.
(6) After completing the FUNCTION SETTING, be sure to turn off the power and turn it on again.

⚠ CAUTION
After turning off the power, wait 30 seconds or more before turning on it again. The FUNCTION SETTING doesn't become effective if it doesn't do so.

8. 3. Function setting

Setting the Static Pressure
• Select appropriate static pressure according to the installation conditions. (The unit is factory-set to "00".)
• Refer to the technical manual for details or follow the instructions of the duct designer.

Setting Description	Function Number	Setting Value
Normal (60Pa)		00
static pressure 1 (100Pa)		02
static pressure 2 (150Pa)	21	03
static pressure 3 (200Pa)		04
static pressure 4 (250Pa)*		05

*ARTG45/54LHTA Only

Setting the Cooler Room Temperature Correction
• Depending on the installed environment, the room temperature sensor may require a correction. The settings may be selected as shown in the table below. (The unit is factory-set to "00".)

Setting Description	Function Number	Setting Value
Standard (No correction)		00
Low control (-1.0°C)		01
Slightly lower control (-0.5°C)	30	02
Slightly warmer control (+0.5°C)		03
Warmer control (+1.0°C)		04

Setting the Heater Room Temperature Correction
• Depending on the installed environment, the room temperature sensor may require a correction. The settings may be selected as shown in the table below.
• (The unit is factory-set to "00".)

Setting Description	Function Number	Setting Value
Standard (No correction)		00
Low control (-1.0°C)		01
Slightly lower control (-0.5°C)	31	02
Slightly warmer control (+0.5°C)		03
Warmer control (+1.0°C)		04

Auto Restart
• (The setting value is factory-set to "00".)

Setting Description	Function Number	Setting Value
Yes	40	00
No		01

Indoor Room Temperature Sensor Switching Function (Wired remote controller only)
(The setting value is factory-set to "00".)

Setting Description	Function Number	Setting Value
Only the sensor of the indoor unit is used	42	00
The sensor of the wired remote controller is used		01

Cool Air Prevention
• This setting is used to set the fan speed when the compressor stops once the room temperature has reached the set temperature during heating operation.
• (The unit is factory-set to "00".)

Setting Description	Function Number	Setting Value
Super low		00
Follow the setting on the remote controller (corresponding to ventilation)	43	01

Custom Mode of Remote Controller
• When 2 or more air conditioners are installed in the same room or adjacent rooms, the signal of each remote controller is switched to prevent erroneous operation of wireless remote controllers. (The unit is factory-set to "00".)

Setting Description	Function Number	Setting Value
Code A		00
Code B	44	01
Code C		02
Code D		03

External input control
• "Operation/Stop" mode or "Forced stop" mode can be selected.

Setting Description	Function Number	Setting Value
♦ Operation/Stop mode		00
(Setting forbidden)	46	01
Forced stop mode		02

Room Temperature Control Switching
• This setting is used to set the room temperature control method when the wired remote controller is selected by the Indoor Room Temperature Sensor Switching Function.
• (The unit is factory-set to "01".)

Setting Description	Function Number	Setting Value
Control by the sensors of both the indoor unit and the wired remote controller.	48	00
Control only by the sensor of the wired remote controller		01