LGMV

Ver 1.2.1

How to use

LG WHISEN

Start screen

❖ Supported Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start screen contains the following:
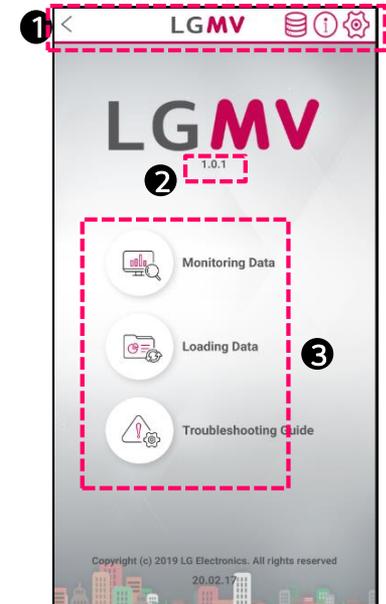
1. Options menu

2. App version

3. Start menu
  - Monitoring Data
  - Loading Data
  - Troubleshooting Guide
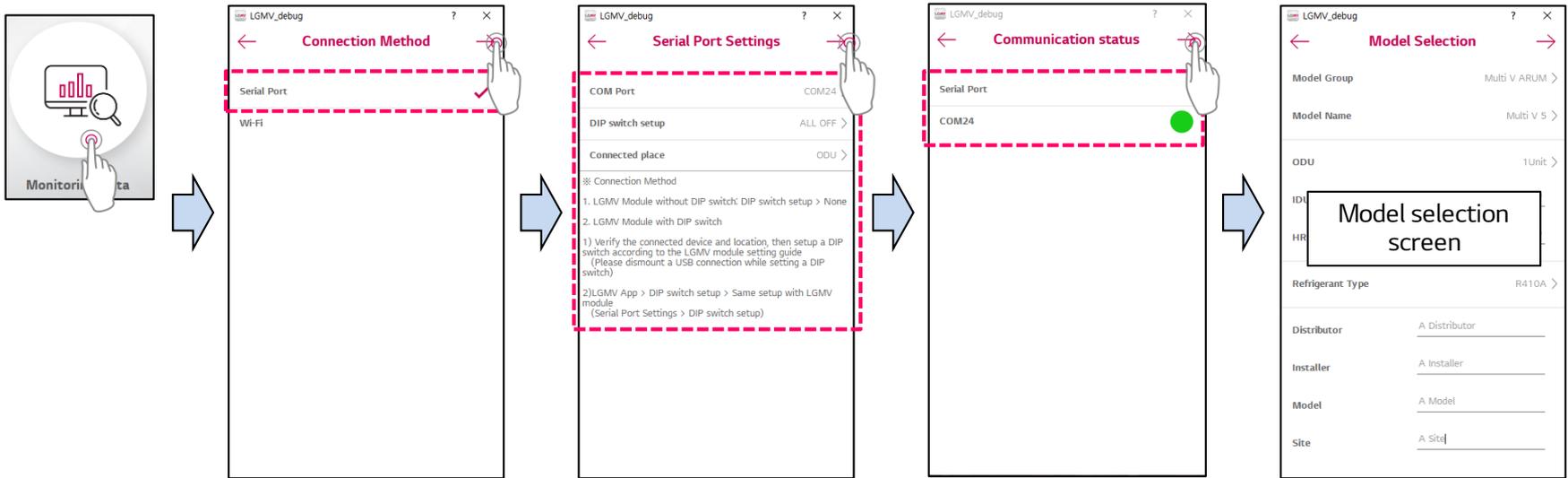

[Windows PC, Android Tablet, iPad]

[Android Phone, iPhone]

Serial Port Connection (USB LGMV Module)

❖ Supported Device : Windows PC

➢ Serial port connection proceeds as follows.

✓ Prerequisite for serial port connection

1. After installing LGMV Module driver, check the serial port number in Windows Device Manager

2-1. (LGMV Module : IL0) Check the DIP switch status for the connected model.

2-2. (LGMV Module : FE0, FE1) For LGMV Module without a DIP-switch, set the "DIP switch" option to "NONE"

Switch setup	Description
#2 ON + ALL OFF	Multi & Single product (Not applied unified PCB)
	MultiV Plus product connects to outdoor
#3 and #6 ON + ALL OFF	MultiV Indoor/outdoor Unit communication connection (Product only after MultiV II series)
#4 ON + ALL OFF	MultiV II series Outdoor unit connection
	Or When connecting product for which Multi unified PCB is applied
#1, 2, 3, 4, 5 ON + #6 OFF	For program update
ALL OFF	MultiV V series Outdoor unit connection

PCT-FE0

PCT-FE1

PCT-IL0

Wi-Fi connection (Mobile LGMV Module)

❖ Supported Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Wi-Fi connection proceeds as follows.
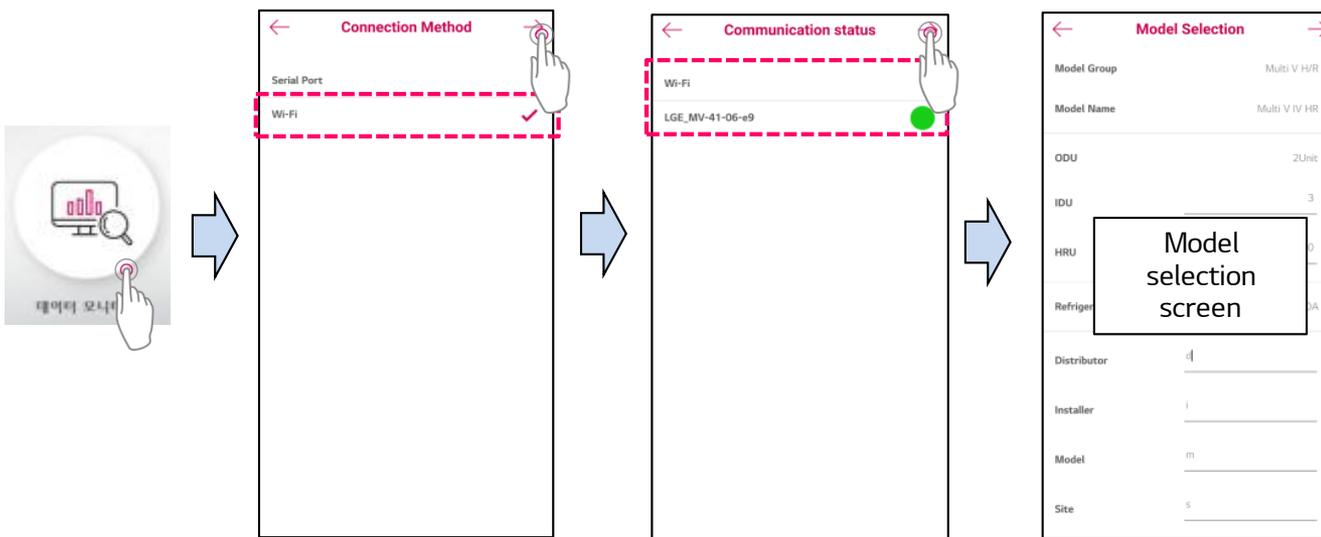
✓ Prerequisite for Android device

1. Device Settings > Turn on the Location function

2. Device Settings > Advanced Wi-Fi Settings > Turn off "Switch to mobile data"

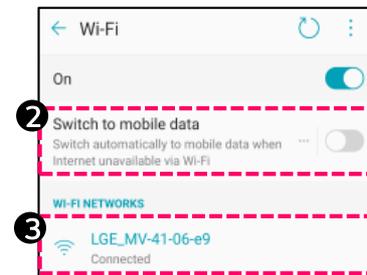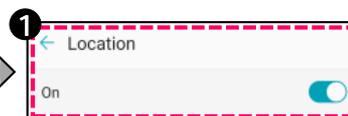3. Check the connection status of device Wi-Fi (Should be connected to LGE_MV_XXX)

ex. LG Mobile Device

Model selection screen

❖ Supported Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Details of the model selection screen are as follows.

1. Select a model group and model name for connection.

2. Set the number of outdoor and indoor units connected to the product.

3. Select the type of refrigerant

4. Specify the names of installation service provider, installation engineer, model and site.

Model Selection

❶
| Model Group | Multi V ARUM › |
| Model Name | Multi V 5 › |

❷
ODU	1Unit ›
IDU	20
HRU	0

❸
| Refrigerant Type | R410A › |

❹
Distributor	A Distributor
Installer	A Installer
Model	A Model
Site	A Site

LG *WHISEN*

Main monitoring screen (Landscape mode)

❖ Supported Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Main monitoring screen shows the following:

1. Model name and basic information.

2. Product version information

3. Installer information

4. ODU cycle information

5. Mini graph for main cycle info.

6. IDU cycle information

7. Special IDU and HRU data.

8. Bottom menus
   - Main monitoring
   - Detail graph (Windows PC only)
   - Cycle view (Windows PC only)
   - IDU control

[Windows PC, Android Tablet, iPad]

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Main monitoring screen (Portrait mode)

❖ Supported Device : Android Phone, iPhone

➢ Main monitoring screen shows the following:

1. Model name and basic information.

2. Product version information

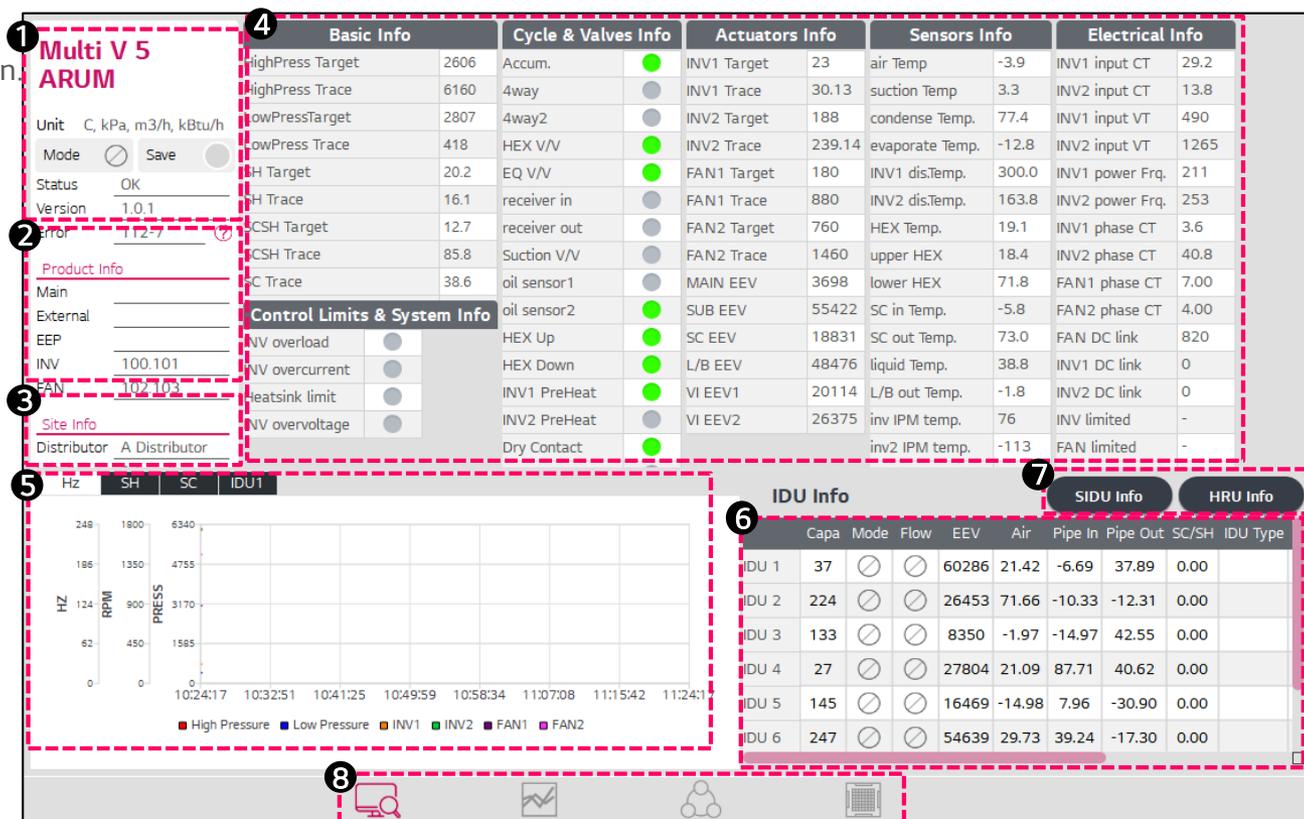3. ODU cycle information

4. IDU cycle information

5. Special IDU and HRU data

6. Bottom menus

  - Main monitoring

  - Mini graph

  - IDU control

7. Mini graph for main cycle information
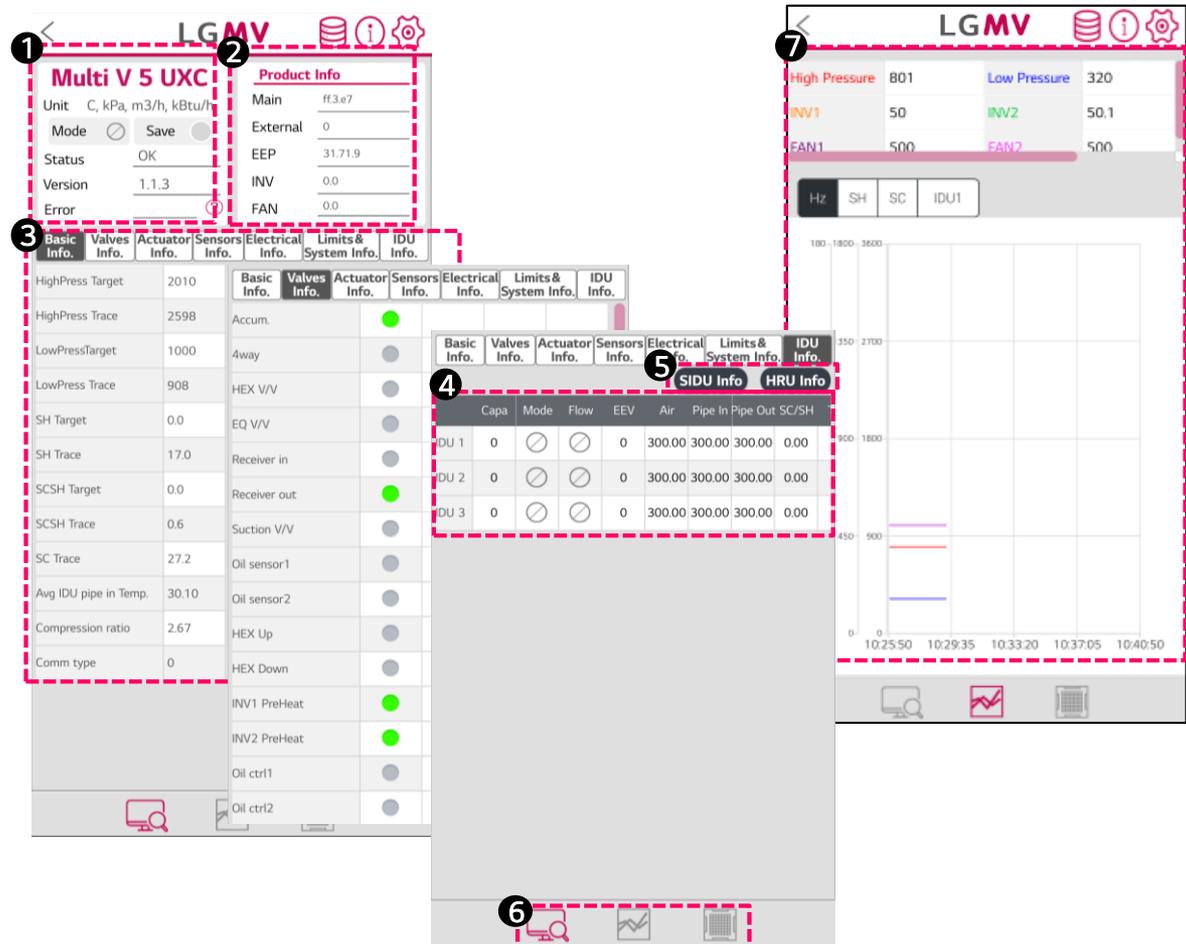
[Android Phone, iPhone]

Indoor unit control

❖ Supported Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start : Select the indoor icon in the bottom menus. ( )

➢ Details of the indoor unit control screen are as follows.

1. Select the IDU to be controlled

2. IDU information: the operating mode, the indoor temperature, the set temperature, the fan level

3. Operating mode

4. Set temperature

5. Fan level

6. Start/Stop the control
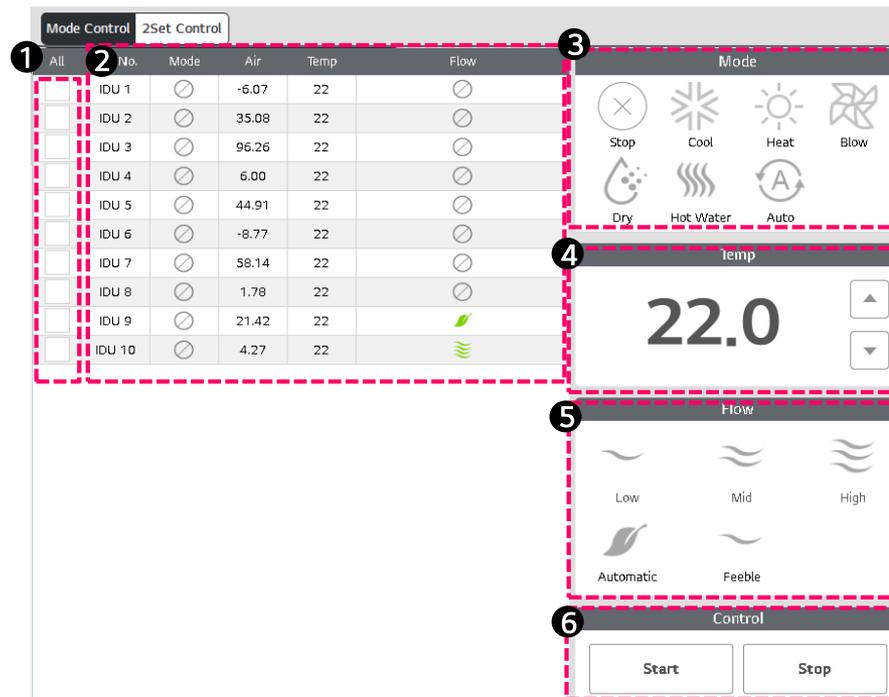
[Windows PC, Android Tablet, iPad]

[Android Phone, iPhone]

※ The options for the mode/flow may vary depending on the model

LG *WHISEN*

Indoor unit control (2Set)

❖ Supported Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start : Select the indoor icon in the bottom menus. (   )

➢ Select the '2Set Control' Tab

➢ Details of the indoor unit control screen are as follows.

1. Select the IDU to be controlled

2. IDU information

3. Set Temperature

4. Temperature Limit

5. Occupancy

6. 2Set Auto, Limit exe, Set exe, Lock

7. Start the control

Mode Control | 2Set Control
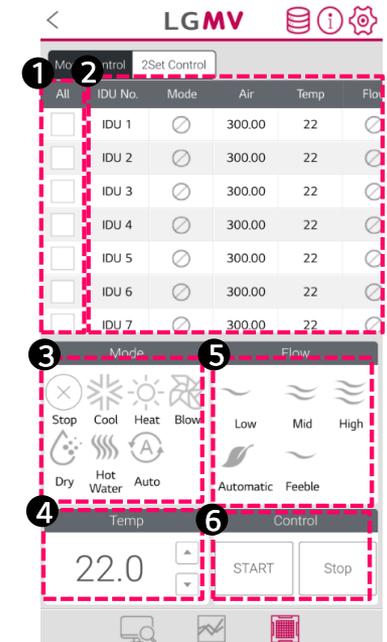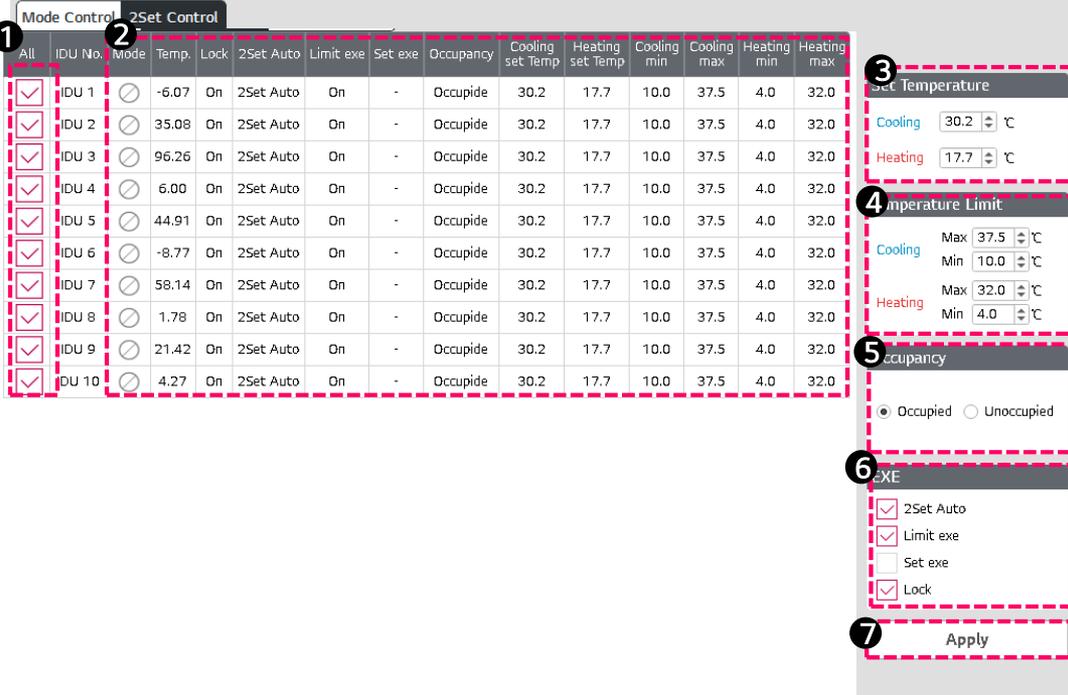
❶ ❷

All	IDU No.	Mode	Temp.	Lock	2Set Auto	Limit exe	Set exe	Occupancy	Cooling set Temp	Heating set Temp	Cooling min	Cooling max	Heating min	Heating max
☑	IDU 1	⊘	-6.07	On	2Set Auto	On	-	Occupide	30.2	17.7	10.0	37.5	4.0	32.0
☑	IDU 2	⊘	35.08	On	2Set Auto	On	-	Occupide	30.2	17.7	10.0	37.5	4.0	32.0
☑	IDU 3	⊘	96.26	On	2Set Auto	On	-	Occupide	30.2	17.7	10.0	37.5	4.0	32.0
☑	IDU 4	⊘	6.00	On	2Set Auto	On	-	Occupide	30.2	17.7	10.0	37.5	4.0	32.0
☑	IDU 5	⊘	44.91	On	2Set Auto	On	-	Occupide	30.2	17.7	10.0	37.5	4.0	32.0
☑	IDU 6	⊘	-8.77	On	2Set Auto	On	-	Occupide	30.2	17.7	10.0	37.5	4.0	32.0
☑	IDU 7	⊘	58.14	On	2Set Auto	On	-	Occupide	30.2	17.7	10.0	37.5	4.0	32.0
☑	IDU 8	⊘	1.78	On	2Set Auto	On	-	Occupide	30.2	17.7	10.0	37.5	4.0	32.0
☑	IDU 9	⊘	21.42	On	2Set Auto	On	-	Occupide	30.2	17.7	10.0	37.5	4.0	32.0
☑	IDU 10	⊘	4.27	On	2Set Auto	On	-	Occupide	30.2	17.7	10.0	37.5	4.0	32.0

❸ **Set Temperature**

Cooling 30.2 ℃

Heating 17.7 ℃

❹ **Temperature Limit**

Cooling Max 37.5 ℃ Min 10.0 ℃

Heating Max 32.0 ℃ Min 4.0 ℃

❺ **Occupancy**

◉ Occupied ◯ Unoccupied

❻ **EXE**

☑ 2Set Auto
☑ Limit exe
☐ Set exe
☑ Lock

❼ **Apply**

※ This feature is available on some models.

 (Available models: Multi V 5, Multi V 5 HR, Multi V S)

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Indoor unit control (Smart care)

❖ Supported Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start : Select the indoor icon in the bottom menus. (⊞)

➢ Select the 'Smart care Control' Tab

➢ Details of the indoor unit control screen are as follows.

1. Select the IDU to be controlled

2. Smart care setting

3. Smart care ON/OFF

4. Start the control
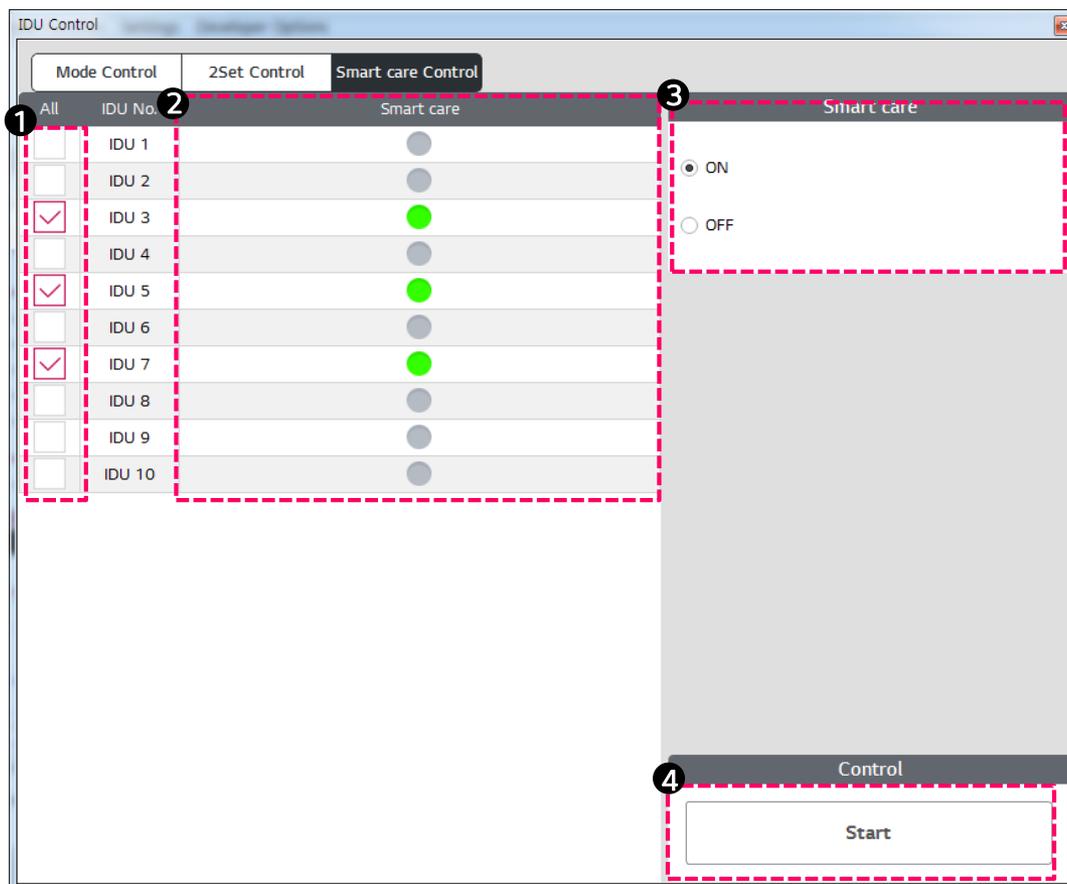
※ This feature is available on some models.

(Available models: Multi V 5, Multi V 5 HR)

Cycle view

❖ Supported Device : Windows PC

➢ Details of the cycle view screen are as follows.

1. Outdoor unit tab button

: Displays the cycle information for each connected ODU

2. Indoor unit tab button

: Displays the cycle information for each IDU group

3. Outdoor and Indoor unit cycle

: Pipe design changes according to the operation mode
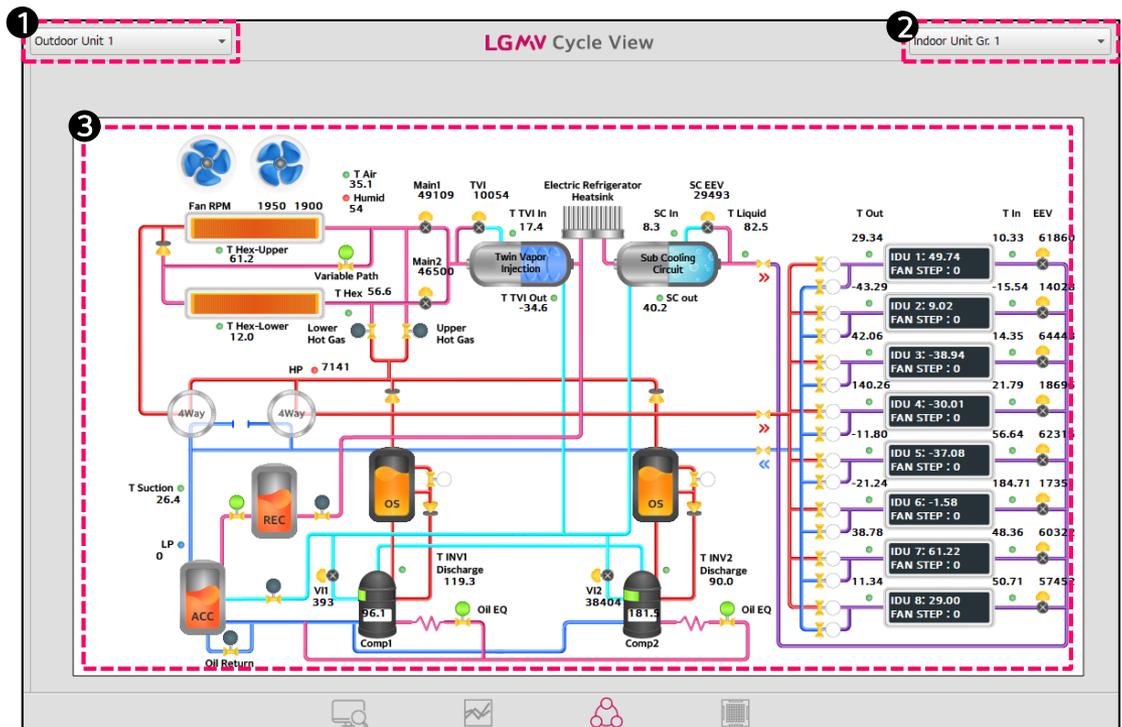
Detail graph

❖ Supporting Device : Windows PC

➢ Details of the detail graph screen are as follows.

1. Up to 3 graphs can be configured to display various system information

2. Select the ODU unit

3. Axis information.

4. Select items to be displayed on the graph

5. Quick guide showing how to adjust the graphs (Zoom in, Zoom out, Move, Reset)

6. Initialize the zoom state of the graph
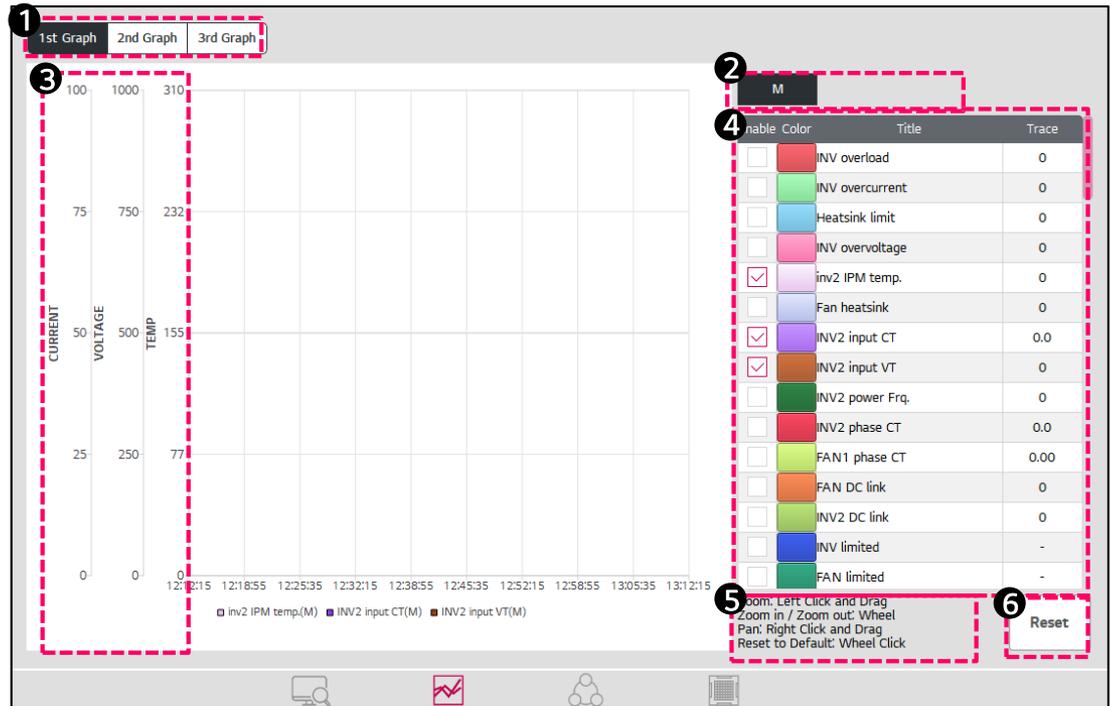
Save data and Save option

❖ Supported Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Save the LGMV data as follows.

[PC]
[Mobile]
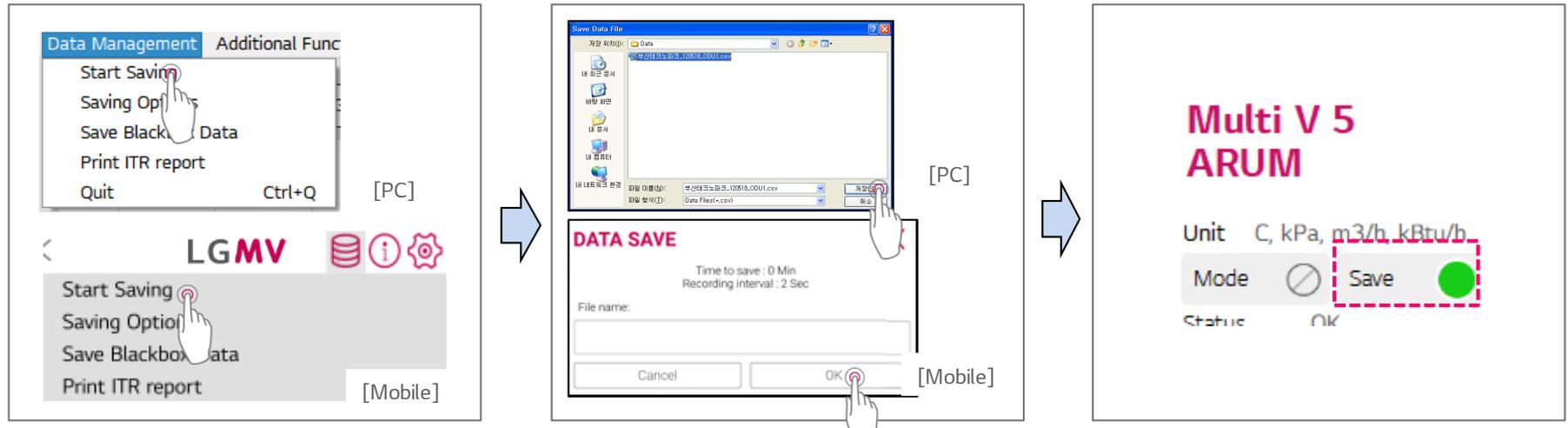
1. Data Management > Click the Start saving option.

[PC]

DATA SAVE
Time to save : 0 Min
Recording interval : 2 Sec
File name:
[Mobile]

2. Specify the folder to save the data and assign file name, and then press the OK button.
※ Windows PC: Folder to be saved can be specified
※ Android: Saved in LGMV> Data folder
※ iOS: Saved in App

Multi V 5 ARUM

Unit   C, kPa, m3/h, kBtu/b
Mode ⊘   Save 🟢
Status   OK

3. The save status icon is activated in the main monitoring screen> basic information display section.

➢ Details of save data option popup screen are as follows.

1. Specify the save duration (Enter "0" to save all collected data)

2. Select the data save interval

3. Auto save option (on/off)   ※ Mobile version defaults to on and cannot be changed to off

This option determines whether or not to automatically generate a pop-up window for saving data when connecting to a product through LGMV.
When set to On, when entering the monitoring screen after connecting the product, a data save pop-up automatically occurs.

4. Auto Saving (Serial number)

SAVE OPTION   ✕
❶ Saving Time (min)
❷ Saving Frequency (sec)   2
❸ Auto (on/off)
OK
❹ Auto Saving (Serial number)   Before saving data, save the serial number information. (Only some models apply)

LG WHISEN
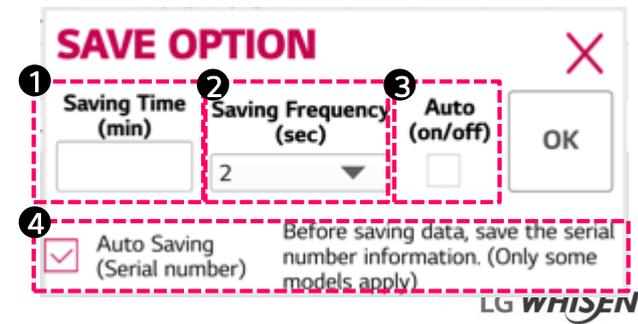
Load data

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Load the LGMV data as follows.

[PC]

[Mobile]
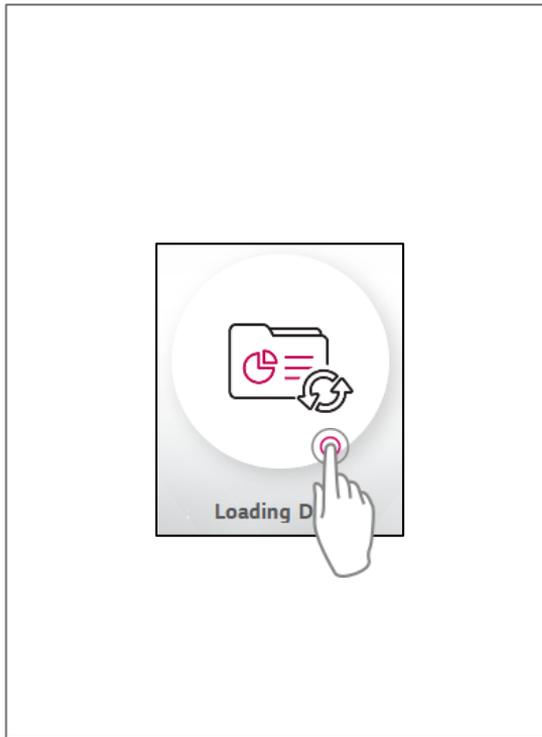
1. Select the loading data icon on the initial screen.
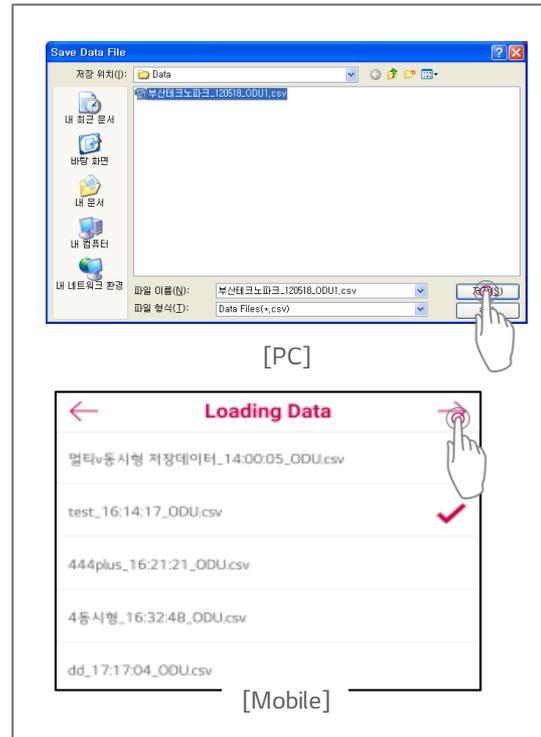
2. Select the outdoor unit file name to load data.

※ Windows PC: Select from the file browser.
※ Android and iOS: Select from the file list.
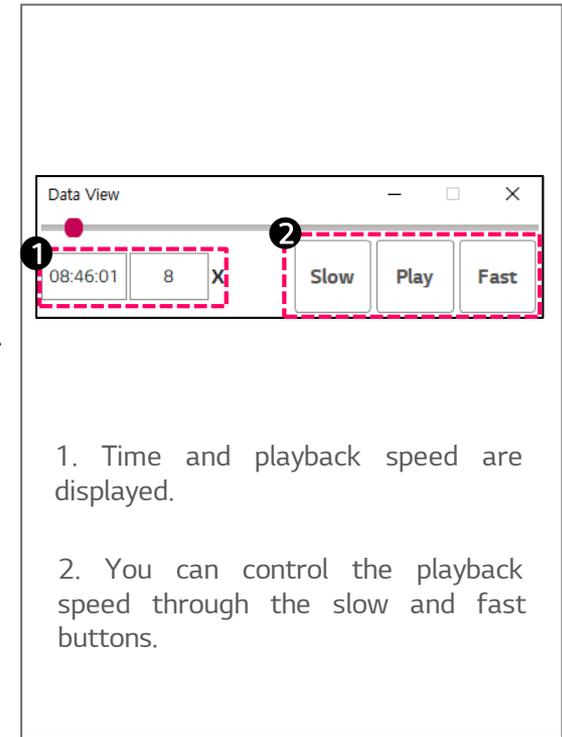
1. Time and playback speed are displayed.

2. You can control the playback speed through the slow and fast buttons.

3. The data loading control bar will appear on the main monitoring screen, and click the play button to play the data.

LG *WHISEN*

Save Black Box and Test Report

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Black Box save and Test Report are as follows.

[PC]

[Mobile]
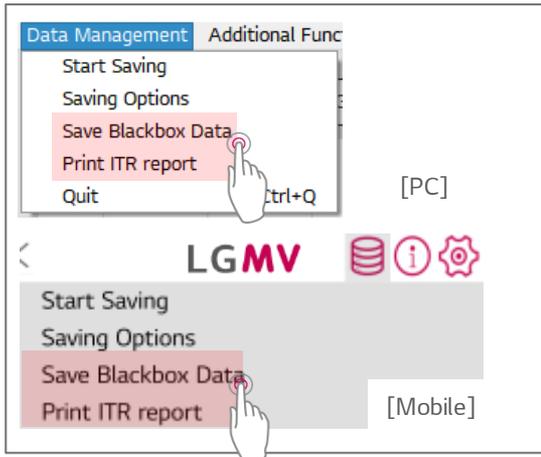
1. Click "Save Black Box" or "Print ITR report" in the data management menu.
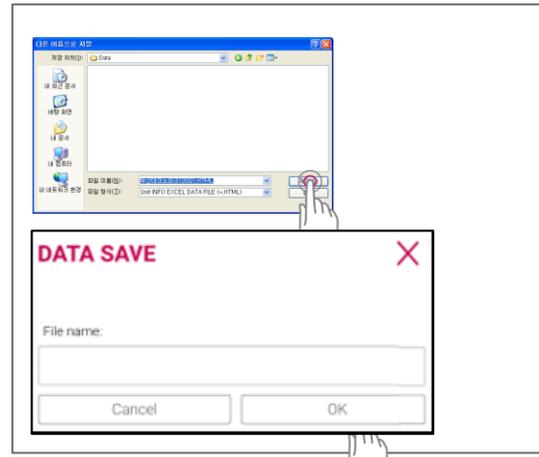
2. Enter the file name to save.
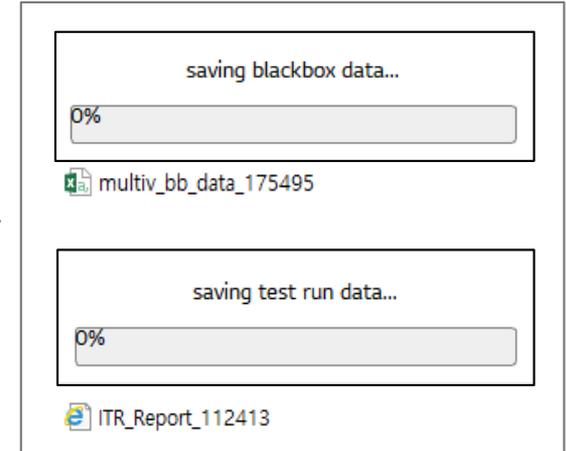
3. Read the data and save it as a file.
- Black box data: Save as csv file
- Print ITR report: Save as html file

LG WHISEN

File Management

❖ Supporting Device : Android Phone/Tablet, iPhone/iPad

➢ How to execute : Select the [File Management] menu
　from the settings menu.

➢ Details of the share screen are as follows.

1. On the file list screen, Saved data, Black box
　and Test run report files are displayed.
2. You can check the contents of Black box and
　Test run report files through the button(❷) on the right.
3. After selecting the file to be deleted, you can delete
　the file by clicking the Delete button at the top right.
4. After selecting the file you want to share, you can share
　the file by clicking the Share button at the top right.
　(For file sharing, email is recommended.)
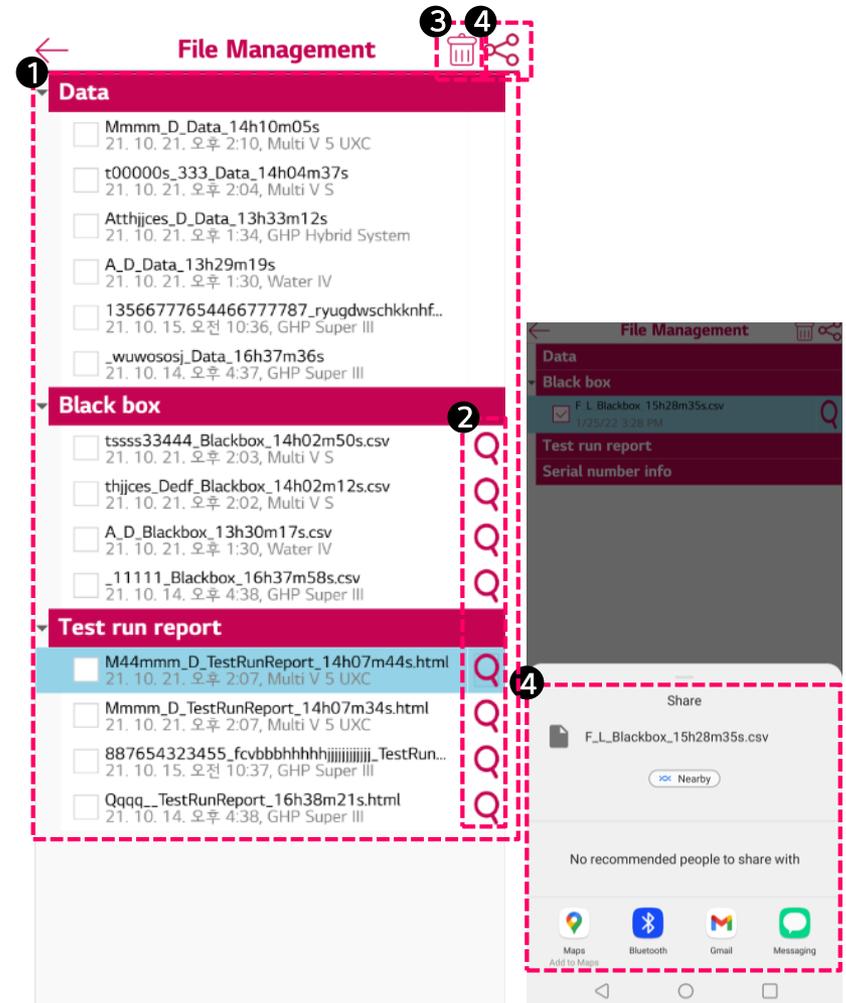
File Management - Share

❖ Supporting Device : Android Phone/Tablet, iPhone/iPad

➢ How to execute : Select the [File Management] menu from the settings menu.
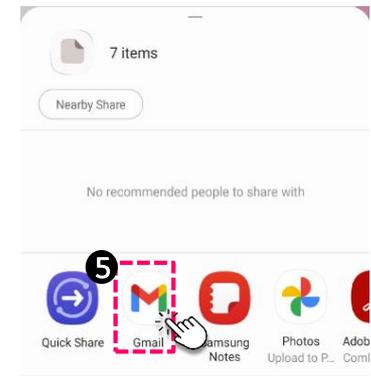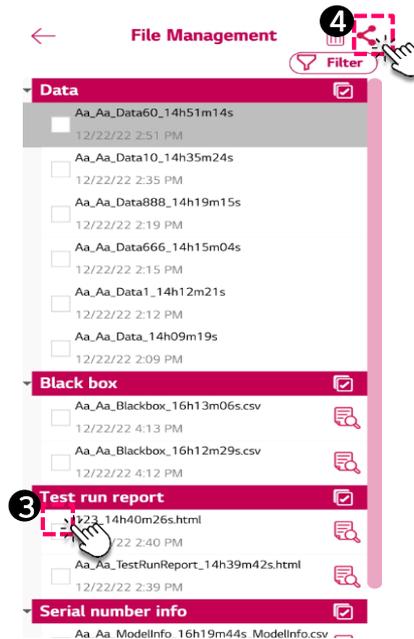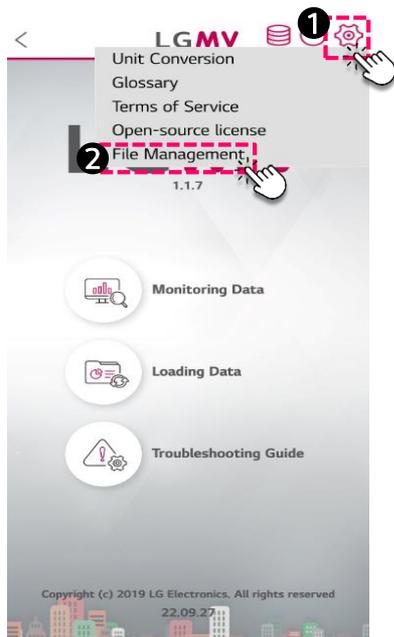
1. Select Settings icon

2. Select File Management menu

3. Click the checkbox of the file to share

4. Select Share icon

5. Choose the app to use for sharing

(Recommended apps: Email)

※ Internet connection is required to share files.

Other options

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Various menus are provided in the settings menu.

▪ Unit Conversion

Temperature
- ◉ C
- ○ F

Pressure
- ◉ kPa
- ○ psi
- ○ kgf/cm2

Calory
- ◉ kBtu/h
- ○ kW

Flux
- ◉ m3/h
- ○ gal/m

[확인] [취소]

▪ Glossary

[COMMON]
- ODU: Outdoor Unit
- IDU: Indoor Unit
- HRU: Heat Recovery Unit
- SIDU: Speacial Indoor Unit
- M: Master
- S1: Slave1
- S2: Slave2
- S3: Slave3
- INV(inv): Inverter
- COMP: Compressor
- STD(std): Const Comp
- STD(std)2: Const Comp2
- OS: Oil Separator
- FAN: FAN
- ACCUM./ACC: Accumulator
- REC: Receiver
- Heater: Heater
- HEX: Heat Exchanger
- DXC: Direct eXpansion Coil
- FAU: Forced Air Unit
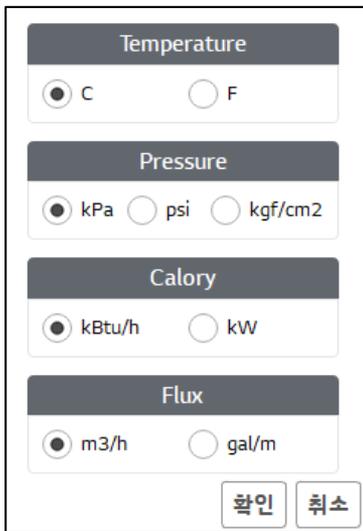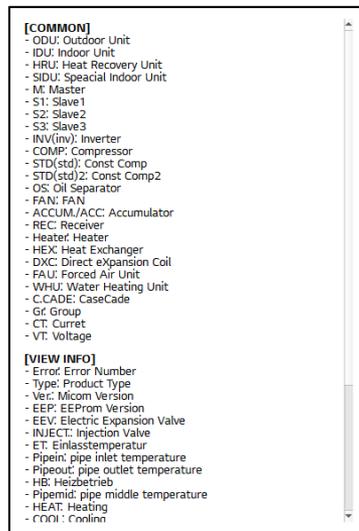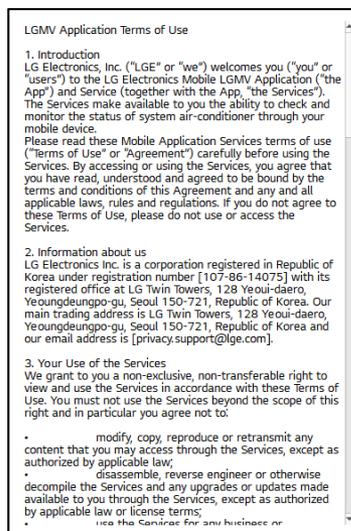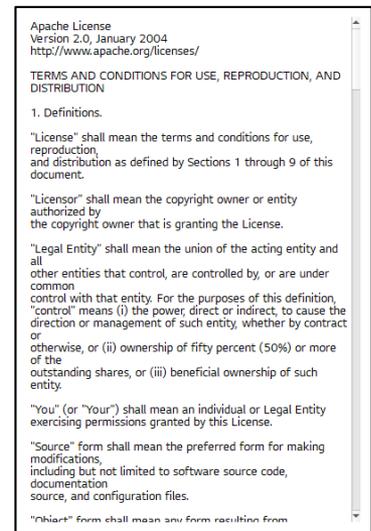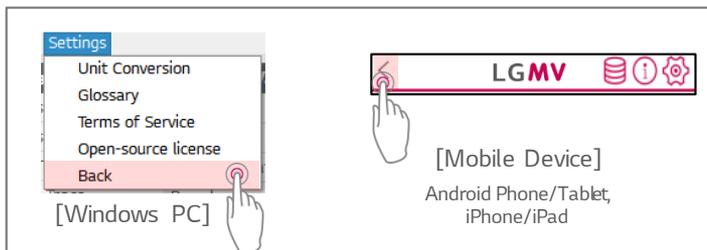- WHU: Water Heating Unit
- C.CADE: CaseCade
- Gr: Group
- CT: Curret
- VT: Voltage

[VIEW INFO]
- Error: Error Number
- Type: Product Type
- Ver.: Micom Version
- EEP: EEProm Version
- EEV: Electric Expansion Valve
- INJECT: Injection Valve
- ET: Einlasstemperatur
- Pipein: pipe inlet temperature
- Pipeout: pipe outlet temperature
- HB: Heizbetrieb
- Pipemid: pipe middle temperature
- HEAT: Heating
- COOL: Cooling

▪ Terms of Service

LGMV Application Terms of Use

1. Introduction
LG Electronics, Inc. ("LGE" or "we") welcomes you ("you" or "users") to the LG Electronics Mobile LGMV Application ("the App") and Service (together with the App, "the Services"). The Services make available to you the ability to check and monitor the status of system air-conditioner through your mobile device.
Please read these Mobile Application Services terms of use ("Terms of Use" or "Agreement") carefully before using the Services. By accessing or using the Services, you agree that you have read, understood and agreed to be bound by the terms and conditions of this Agreement and any and all applicable laws, rules and regulations. If you do not agree to these Terms of Use, please do not use or access the Services.

2. Information about us
LG Electronics Inc. is a corporation registered in Republic of Korea under registration number [107-86-14075] with its registered office at LG Twin Towers, 128 Yeoui-daero, Yeoungdeungpo-gu, Seoul 150-721, Republic of Korea. Our main trading address is LG Twin Towers, 128 Yeoui-daero, Yeoungdeungpo-gu, Seoul 150-721, Republic of Korea and our email address is [privacy.support@lge.com].

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"Object" form shall mean any form resulting from

▪ Back

Settings
- Unit Conversion
- Glossary
- Terms of Service
- Open-source license
- **Back**

[Windows PC]

LG**MV**

[Mobile Device]
Android Phone/Tablet, iPhone/iPad

Troubleshooting guide

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

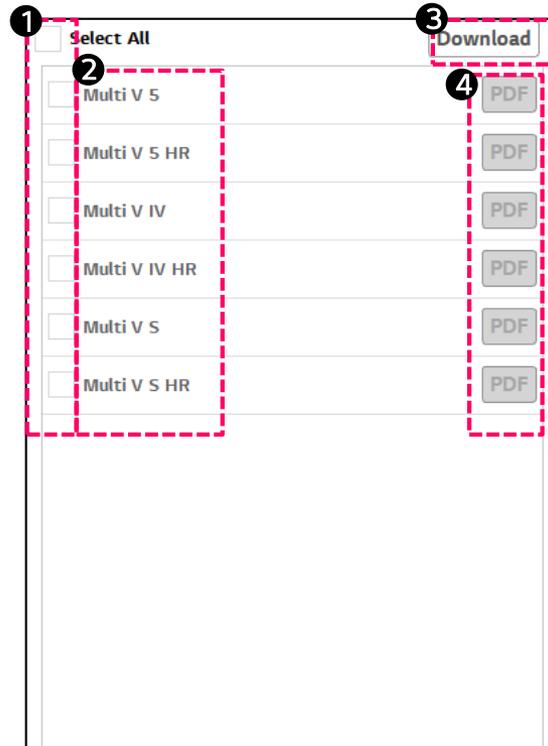➢ Start : Select the troubleshooting guide icon on the initial screen. ( )

➢ Details of the troubleshooting guide screen are as follows.

1. Select the model to download

2. List of models available

3. Download

4. When the guide document is downloaded, the PDF button is activated. PDF viewer of the device will be launched as you select the PDF button

❶ Select All   **❸** Download

❷ Multi V 5   **❹** PDF

Multi V 5 HR   PDF

Multi V IV   PDF

Multi V IV HR   PDF

Multi V S   PDF

Multi V S HR   PDF

Test run info

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start : Select the [Test run info] menu from the additional functions.

➢ Details of the test-run info. screen are as follows.

1. Test-run information is displayed..

 (Displayed items may vary by the model)

2. If you select the [Troubleshooting guide] button, the document will be opened in the Pdf viewer.

Test Run Info	
❶ Test Run type	-
Test Run Step	0
Total Input Ref.	12.0
Status Finished ITR	-
Remain Time(min)	0
Test Run Error	Normal Operation
ODU EEV judge	-
IDU EEV judge	-
Ref. Mass judge	-
Required Ref.	-
Basic Ref.	12.0
Ref. unit	Kg

❷ Troubleshooting guide

※ This feature is available on some models.

 (Available models: Multi V 5, Multi V 5 HR, GHP Super Ⅲ)

Serial number info

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start : Select the [Serial number info] menu from the additional functions.

➢ Details of the serial number info. screen are as follows.

1. The model name and serial number of the outdoor and indoor unit are displayed.

   (Indoor model name / serial number only supports some models.)

2. If you select the [Export] button, the model name and serial number information is saved as a csv file.
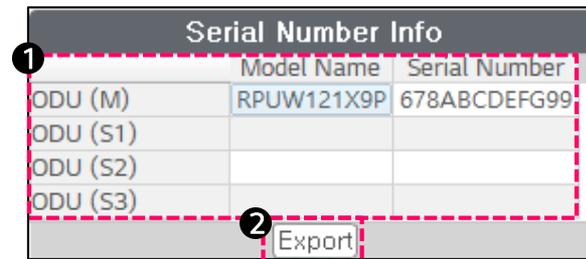
	Model Name	Serial Number
ODU (M)	RPUW121X9P	678ABCDEFG99
ODU (S1)		
ODU (S2)		
ODU (S3)		

Serial Number Info

❶

❷ Export

※ This feature is available on some models.

(Available models: Multi V 5, Multi V 5 HR, Water V, Water V HR, Multi V S, Split&Monobloc, Pressure, GHP Hybrid System)

LG WHISEN

Operating time info

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start: Select the [Operating time info] menu from the additional functions.

➢ Details of the operating time screen are as follows.

1. It is a button to select an outdoor unit or an indoor unit.

2. The main part's operating time is displayed.

3. If you select the [Update] button, the part operation time is updated.

❶	ODU	IDU		
❷	ODU 1	ODU 2	ODU 3	ODU 4
Comp1 turn on time	0	0	0	0
Comp2 turn on time	0	0	0	0
Fan1 turn on time	0	0	0	0
Fan2 turn on time	0	0	0	0
Power turn on time	111	0	0	0

❸ Update

※ This feature is available on some models.

(Available models: Multi V 5, Multi V 5 HR, Water V, Water V HR, Multi V S)

LG WHISEN

Auto Test Run

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ How to execute : Select the [Auto Test Run] menu from the additional functions.

➢ Details of the test-run info. screen are as follows.

1. This is the input section where you can enter the total charge amount of refrigerant.

2. This is a button to request [Start the test run] to the outdoor unit.

Total Input Ref. (Basic Ref. + Additional Ref.)

❶ 12.0 ▲▼ Kg

Enter the total input refregerant mass of the system to the first decimal place.

❷ **Start the test run**

※ This feature is available on some models.

(Available models: Multi V 5, Multi V 5 HR)

LG **WHISEN**

LG HCT - Overview

❖ Supported Device : Windows PC

➢ LG HCT screen contains the following:

1. Device installation status

2. Multi-select & Device Filter

 : Device filter is activated after selecting "Multi-select" option

3. Device Tree (Includes central control address, model name and serial number)

4. Save File and Load File buttons

 : You can save or load the settings of currently selected device.

5. Information for the selected device

6. Refresh and Apply buttons

 : Refresh or apply the configuration options

7. Configuration option list

 : Displays the configuration options for the selected device

• Values cannot be changed if the item is uncontrollable

• Values specific to some device are not displayed in Multi-select mode.

※ This feature is available on some models.

 (Available models: Multi V 5, Multi V 5 HR)
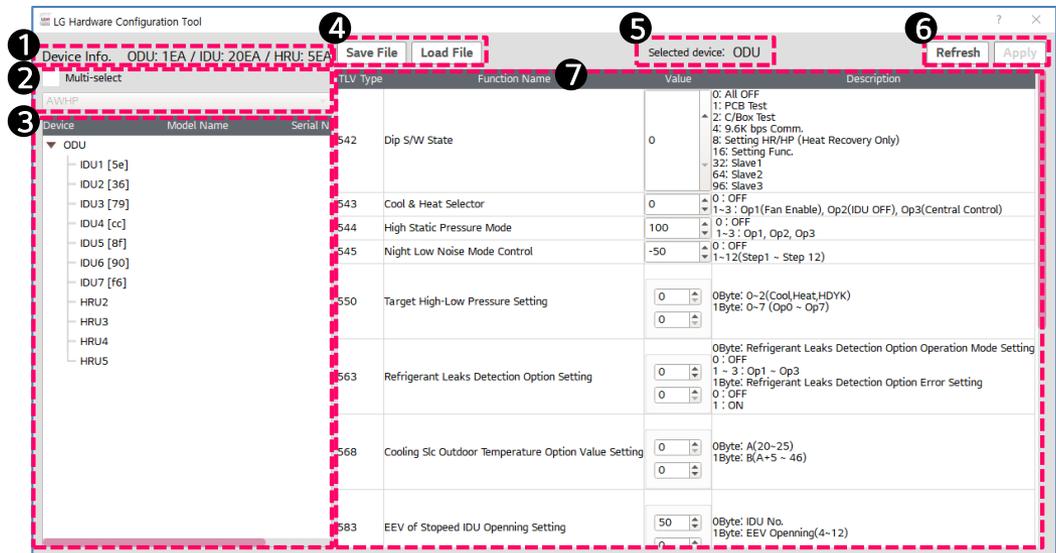
LG HCT - Configuration option list

➢ Configuration option list contains the following

1. For uncontrollable settings: (displayed with Textview)
   - Shows the current value, cannot be modified (ex. Dip S/W State)

Ex)

TLV Type	Function Name	Value	Description
542	Dip S/W State	1	0: All OFF 1: PCB Test 2: C/Box Test 4: 9.6k bps Comm. 8: Setting HR/HP (HeatRecovery Only) 16: Setting Func. 32: slave1 64: slave2 96: slave3

2. For controllable settings: (displayed with Spinbox)
   1) Single value : value can be modified according to a description

Ex)

TLV Type	Function Name	Value	Description
544	HIGH STATIC PRESSURE MODE	2	0 : OFF 1~3 : OP1, OP2, OP3

   2) Two values : values can be modified according to a description
   - 1st Spinbox : 1st value
   - 2nd Spinbox : 2nd value

Ex)

TLV Type	Function Name	Value	Description
550	Target high-low pressure setting	0 0	1st : 0~2 (Cool,Heat,HDYK) 2nd : 0~7 (OP0 ~ OP7)

※ Note : Spinbox input range
- Positive values : 0~255
- Negative values : -127~127

LG HCT – Launch

➢ LG HCT is launched according to the following steps:
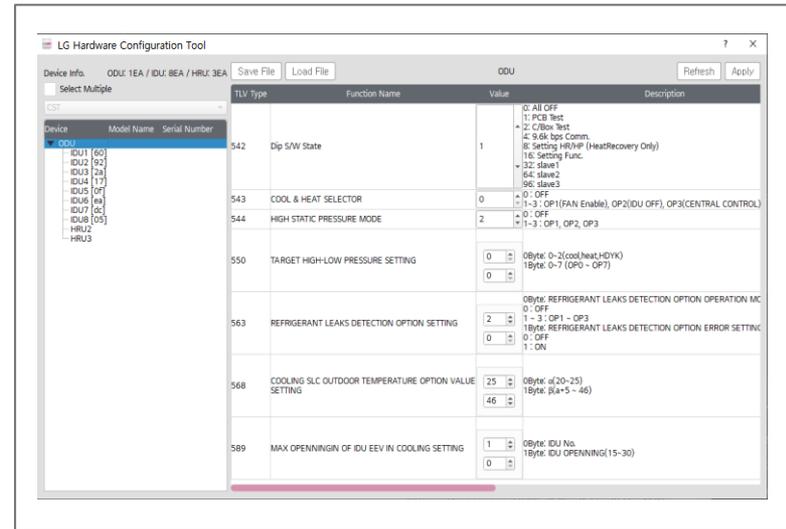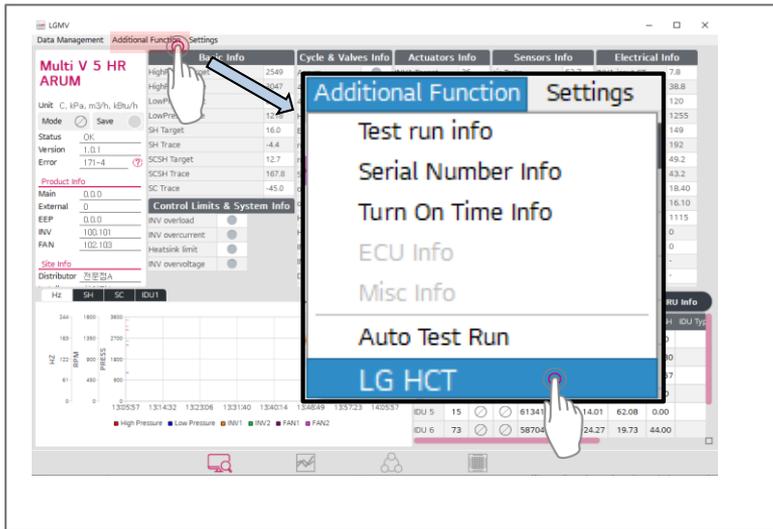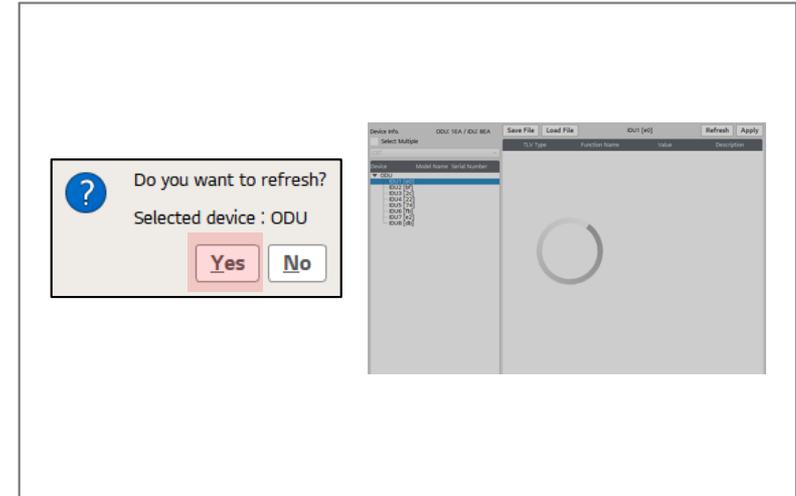

1. Press the LG HCT menu.

2. LG HCT operation control screen is displayed.

LG HCT – Refresh

➤ How to display the device settings (Single model)
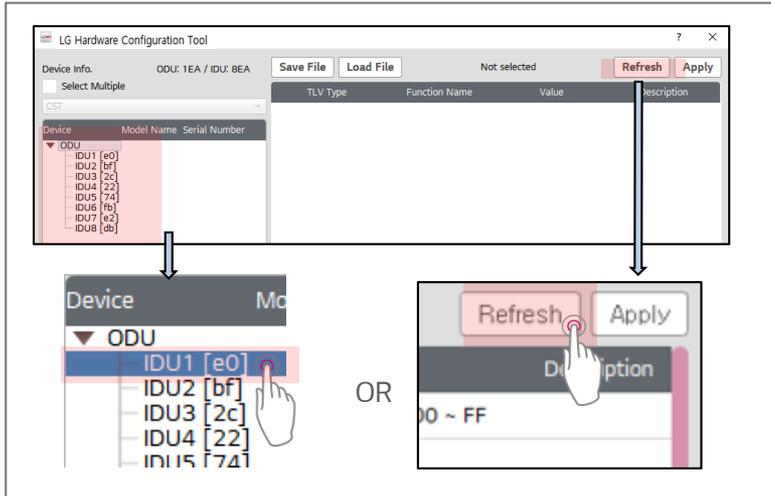
1. Select the device from a device tree
2. Press Refresh after selecting the device

3. Press yes
4. Progress bar is shown while loading the option settings
5. Option settings are displayed in TLV List display area

※ Note

1. In case of loading failure, warning message is displayed (Maximum Timeout duration : 60 seconds)

2. Functions with IDU No. can be refreshed after modifying the value
 - When the 1st value is set to a value that is out of Description, the result for the default value (0) is displayed because the corresponding option item does not exist.

 Ex) Set 1st value in TLV type 584 to '5'
 and refresh to display settings for IDU 5

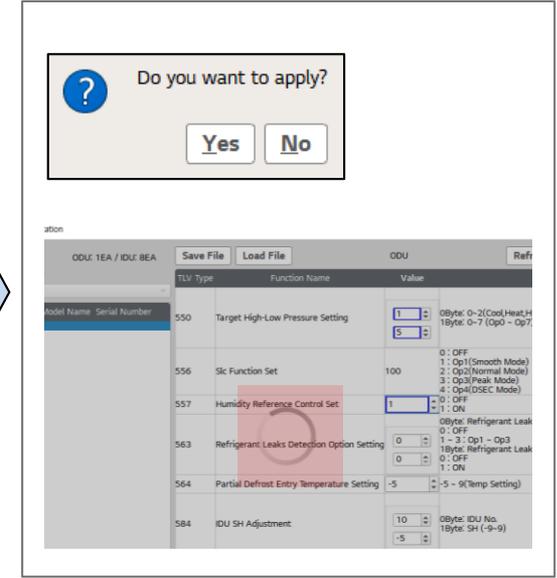| TLV Type	Function Name	Value	Description
585	IDU SC Adjustment	5 / 9	1st : IDU No. 2nd : SC (-5~9)

LG HCT – Apply

➢ How to apply the settings (Apply) (Single model)
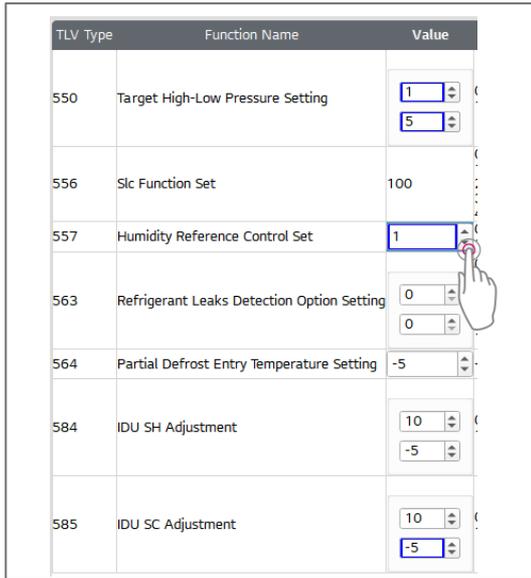
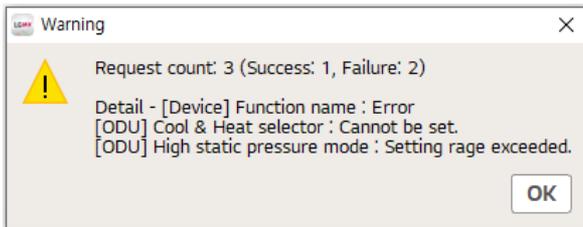1. Change the value for desired functions (Modified items are displayed with Blue Spinbox)
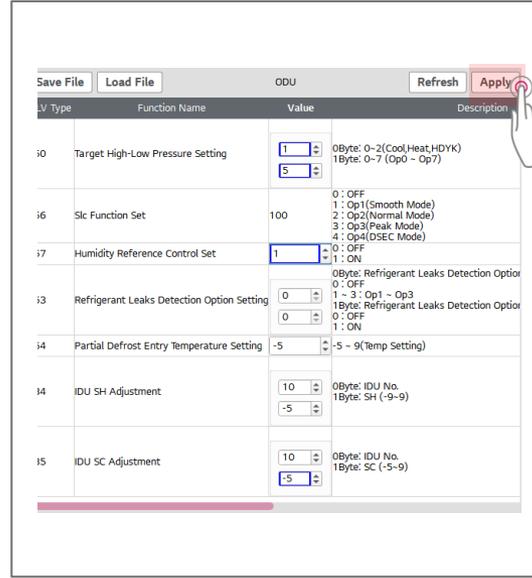
2. Press Apply

3. Press Yes
4. Progress bar is displayed while applying the settings and the values are updated (Refer to Note in case of control failure)

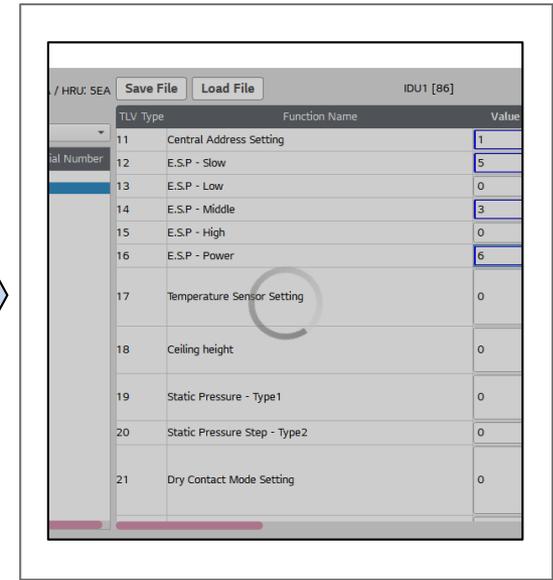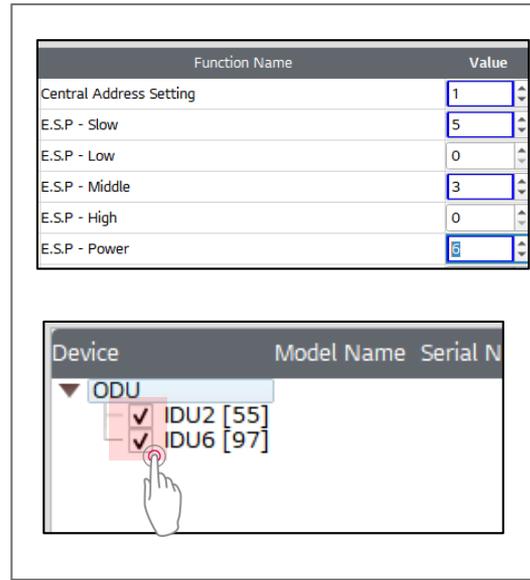※ Note : Summary of the function application is displayed
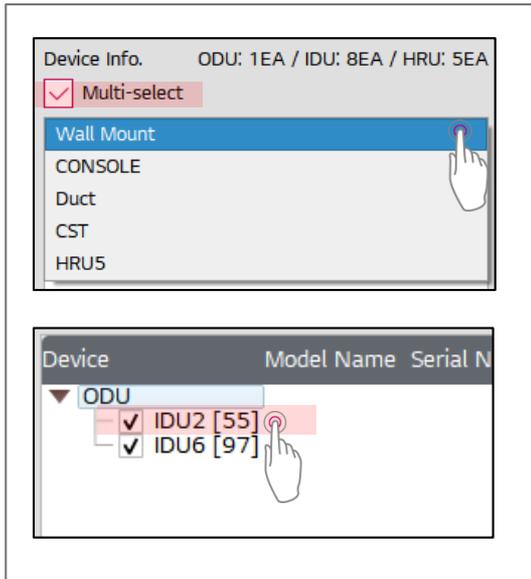

▷ Following information is shown:
 - Total number of requests
 - Success count
 - Failure count
 - Device, Function name, Error information for the options failed to apply

LG HCT – Multi-select

➢ Apply the same settings to multiple devices at once

1. Select Multi-select option to display dropdown button showing types of devices

2. Choose the desired device type

2. Modify the options
3. Select devices to be controlled in the device-tree and press apply button
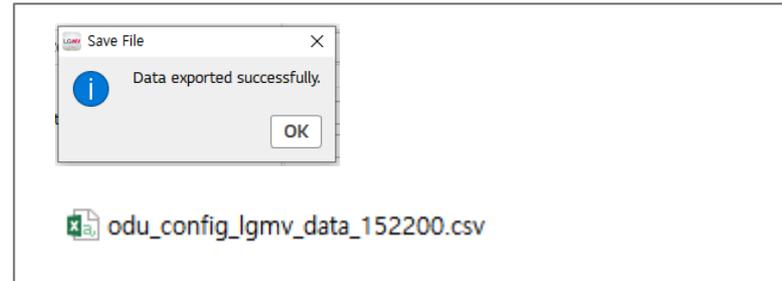
4. Option settings are applied, and items that have failed to apply will be displayed in warning pop-up

LG *WHISEN*

LG HCT – Save and Load
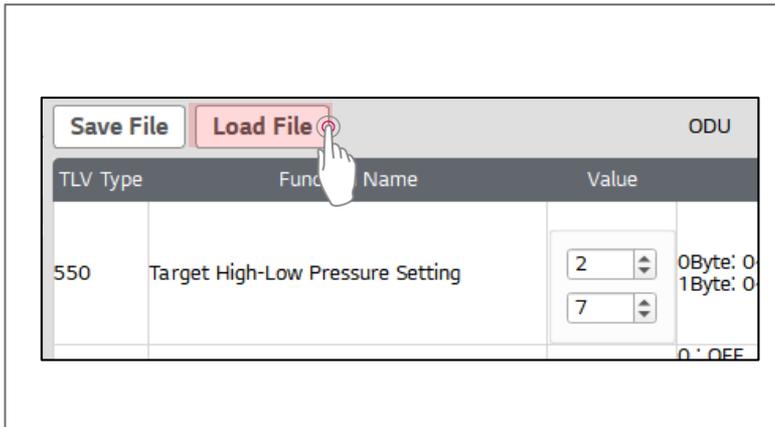
➢ How to save option settings
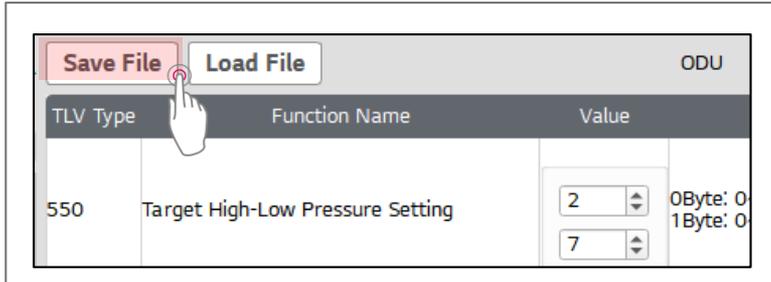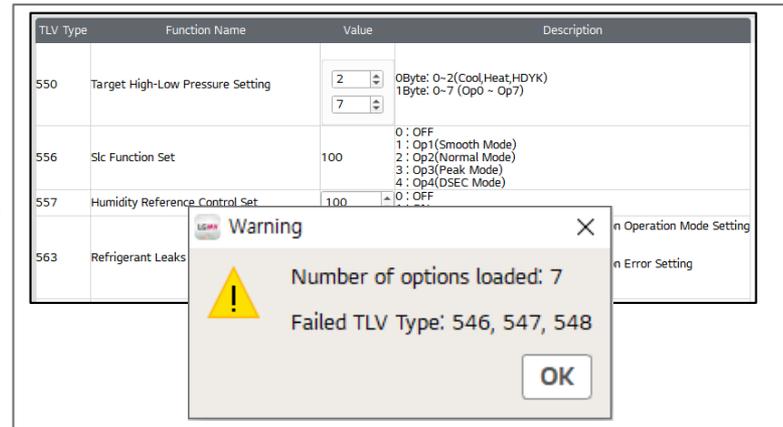

1. Press Save File

2. Current settings are saved in csv format

➢ How to load option settings

1. Press Load File to choose csv file containing settings

2. Values are updated according to the TLV list (updated values are highlighted with blue outline)

A pop-up message shows number of options loaded and TLV type that failed to load the settings

ECU Info

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➤ Start : Select the [ECU info] menu from the additional functions.

➤ Details of the ECU info. screen are as follows.

1. You can update the values of each table through the update button.

2. All ECU data can be cleared through the Clear button.

3. You can open the help document via the ECU Error Help button. (Pdf viewer program must be installed.)

ECU Name	
ECU hardware name	
ECU software Ver. name	
ECU software calibration name	

❶ **Update**

ECU NG	
cooling water	-36
ECU MAP	50
Engine target	449.50

❶ **Update**

ECU State	
Battery voltage	0.34
Map voltage	8.78
TPS1 voltage	11.29
TPS2 voltage	13.80
Relative charge	78.28
Indicated actual torque	5.88
Ignition output Cy1	12.00
Ignition output Cy2	12.75
Ignition output Cy3	13.50
Ignition output Cy4	14.25
Camshaft Ctrl	⚪
Engine running detected	⚪
Synchronization succeed	⚪
Main relay	⚪
Condition start	⚪
Condition power	🟢
Ignition switch	⚪
Malfunction Indicator	⚪

ECU DTC	
DTC1	504
DTC2	706
DTC3	908
DTC4	b0a
DTC5	d0c
DTC6	f0e
DTC7	1110
DTC8	1312
DTC9	1514

❶ **Update**

❶ **Update**

❷ **Clear**

❸ **ECU Error Help**

※ This feature is available on some models.

(Available models: GHP Super III, GHP Hybrid System)

LG WHISEN

MISC Info

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start : Select the [MISC info] menu from the additional functions.

➢ Details of the MISC info. screen are as follows.

1. Misc data can be updated through the update button.

Misc Info	
Eng. driven time	1284
Oil exchange time	1798
Comp1 Heater	⚪
Comp2 Heater	🟢
OS Heater	⚪
Drain Heater	🟢
Comp1 driven time	2312
Comp2 driven time	2826
eng driven number	3340
successful tries	3854

❶ Update

※ This feature is available on some models.

(Available models: GHP Super III, GHP Hybrid System)

DOAS info

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start : Select the [DOAS info] menu from the additional functions.

➢ Details of the DOAS info. screen are as follows.

1. DOAS information is displayed.
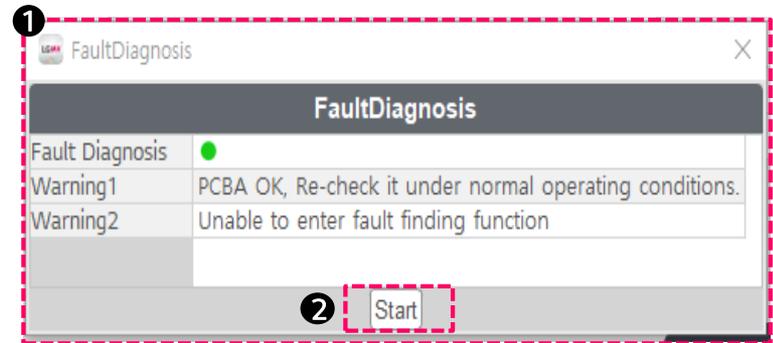 (Displayed items may vary by the model)

DOAS			
DOAS Address	1	2	3
DOAS Type	-	-	-
Defrost Status	●	●	●
Forced Cooling Status	●	●	●
Forced Cooling Signal	●	●	●
Low Pressure Signal	●	●	●
High Pressure Signal	●	●	●
Target High Pressure	0	0	0
Target Low Pressure	0	0	0
DOAS Error Code	0	0	0
OA Temperature	24.2	24.2	24.2
OA Humidity	0	0	0
RA Temperature	0.0	0.0	0.0
RA Humidity	0	0	0
Space Temperature	30.8	30.8	30.8
Space Humidity	0	0	0
SA Temperature	0.0	0.0	0.0
SA Humidity	0	0	0
Main Coil LAT	0.0	0.0	0.0
Mix Temperature	0.0	0.0	0.0
Exhaust Temperature	0.0	0.0	0.0
CO2 Value	1004	1004	1004
SA Diff. Pressure	1247	1247	1247
EA Diff. Pressure	1245	1245	1245
SA Fan Heat Sink	0	0	0
EA Fan Heat Sink	0	0	0

※ This feature is available on some models.

(Available models: Multi V 5 HR)

LG **WHISEN**

Fault Diagnosis

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start : Select the [Fault Diagnosis] menu from the additional functions.

➢ Details of the Fault Diagnosis info. screen are as follows.

    1. Fault Diagnosis information is displayed.

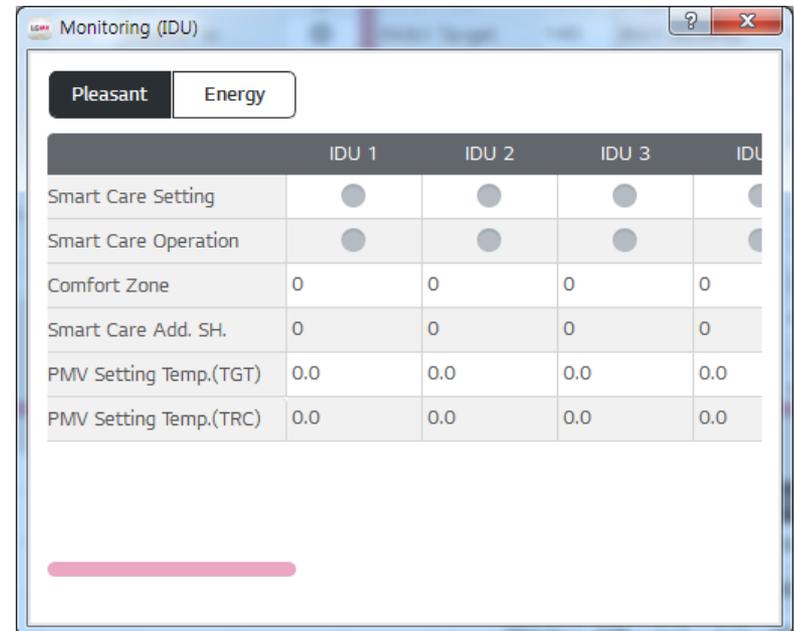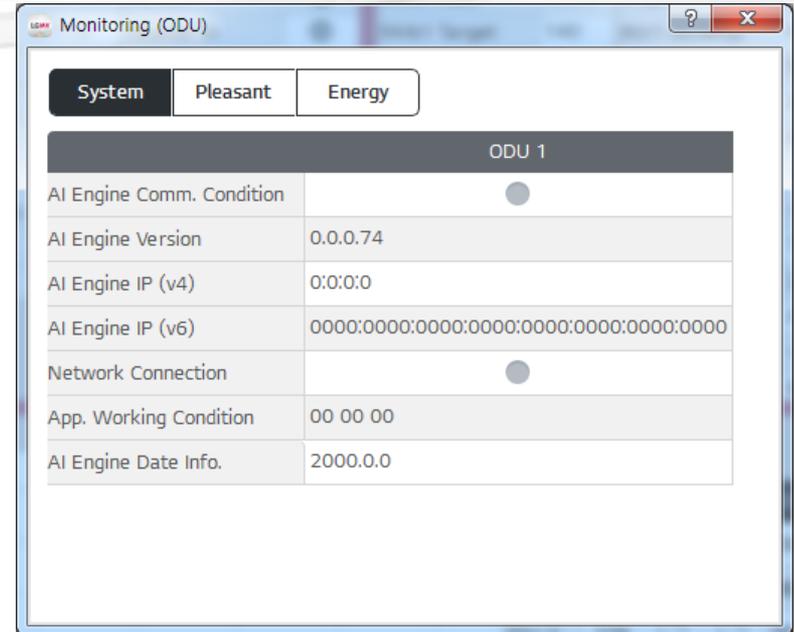   2. Fault Diagnosis data can be updated through the start button

❶

FaultDiagnosis	×
FaultDiagnosis	
Fault Diagnosis	🟢
Warning1	PCBA OK, Re-check it under normal operating conditions.
Warning2	Unable to enter fault finding function

❷ Start

※ This feature is available on some models.

(Available models: Split&Monobloc, Pressure)

LG AI Engine

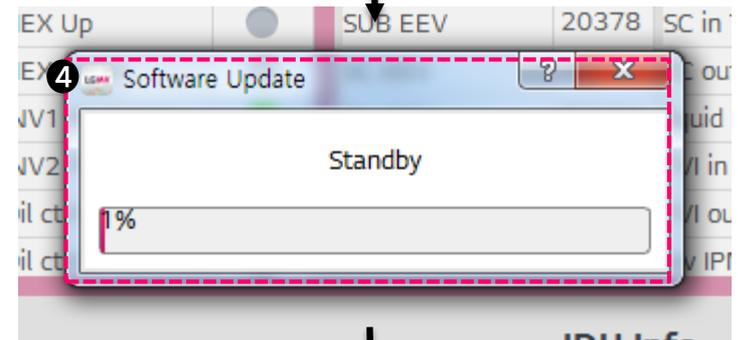❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start : Select the [LG AI Engine] menu from the additional functions.

➢ The LG AI Engine menu consists of the following submenus:

➢ Monitoring(ODU), Monitoring(IDU), Black Box Save(Large Capacity), Black Box Save(Event), SW Update, Memory Reset

➢ The Monitoring (ODU) menu provides system, comfort, and energy information.

➢ The Monitoring (IDU) menu provides comfort and energy information.

※ This feature is available on some models.

(Available models: Multi V 5, Multi V 5 HR)

Monitoring (ODU)			?	X

System	Pleasant	Energy

	ODU 1
AI Engine Comm. Condition	●
AI Engine Version	0.0.0.74
AI Engine IP (v4)	0:0:0:0
AI Engine IP (v6)	0000:0000:0000:0000:0000:0000:0000:0000
Network Connection	●
App. Working Condition	00 00 00
AI Engine Date Info.	2000.0.0

Monitoring (IDU)			?	X

Pleasant	Energy

	IDU 1	IDU 2	IDU 3	IDU
Smart Care Setting	●	●	●	●
Smart Care Operation	●	●	●	●
Comfort Zone	0	0	0	0
Smart Care Add. SH.	0	0	0	0
PMV Setting Temp.(TGT)	0.0	0.0	0.0	0.0
PMV Setting Temp.(TRC)	0.0	0.0	0.0	0.0

LG *WHISEN*

LG AI Engine

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start : Select the [LG AI Engine] menu from the additional functions.

➢ The LG AI Engine menu consists of the following submenus:

➢ Monitoring(ODU), Monitoring(IDU), Black Box Save(Large Capacity), Black Box Save(Event), SW Update, Memory Reset

➢ Details of the Black Box Save(Large Capacity), Black Box Save(Event), SW Update and Memory Reset menus are as follows:

1. A warning pop-up window will occur.

2. Selecting the Cancel button closes the pop-up window without making a feature request.

3. Select the OK button to request the function.

4. The Progress window appears.

5. Depending on the result, a failed or successful message pop-up window appears.
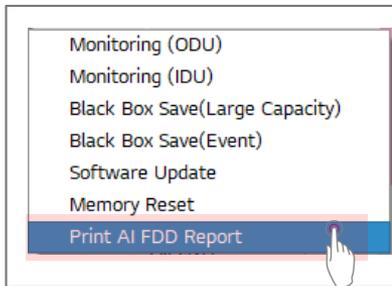

※ This feature is available on some models.

(Available models: Multi V 5, Multi V 5 HR)
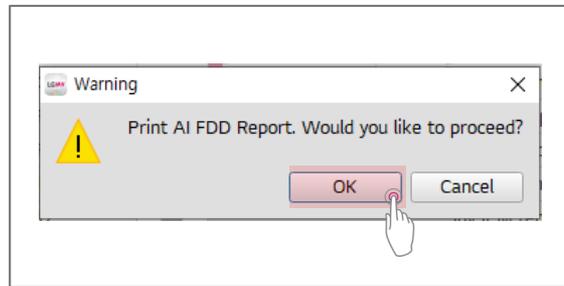
LG AI Engine

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start : Select the [LG AI Engine – Print AI FDD Report] menu from the additional functions.
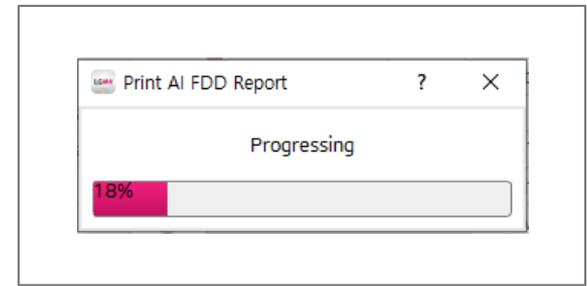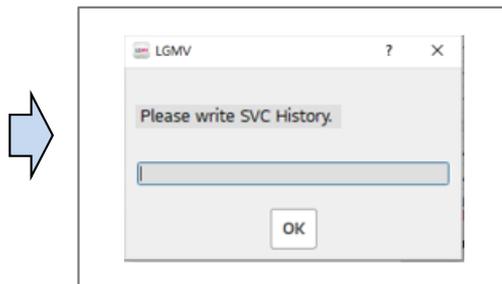
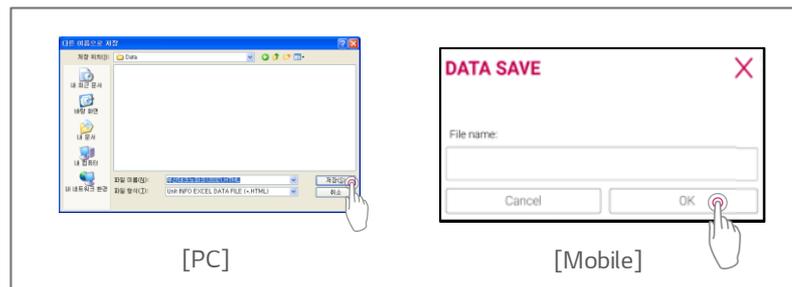➢ Print AI FDD Report as follows.

1. Select [Print AI FDD Report] menu

2. Select OK in the progress pop-up.

3. Progress bar is displayed.

4. After write SVC History, select OK.

[PC]   [Mobile]

5. Enter the file name to be saved.

※ This feature is available on some models.

(Available models: Multi V 5, Multi V 5 HR)
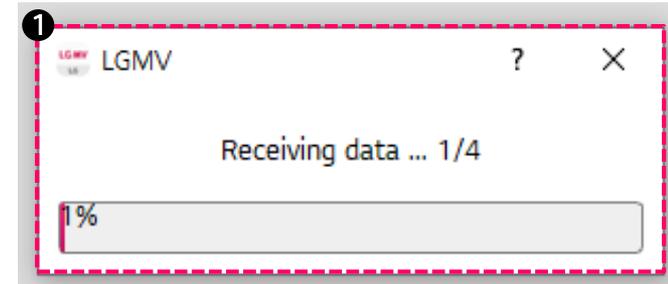
Black box Viewer

❖ Supporting Device : Windows PC, Android Phone/Tablet, iPhone/iPad

➢ Start : Select the [Black box Viewer] menu from the Data.

➢ Details of the Black box Viewer are as follows:

1. The Progress window appears.
2. When the black box data is received, the received data is displayed on the screen.
3. You can move the slider bar to view data from a different point in time.
4. Save Black box button : Save black box data as csv file
5. Troubleshooting Guide button : Open the Troubleshooting Guide document

※ This feature is available on some models.

 (Pressure)

❶ LGMV

Receiving data ... 1/4

1 %

❷ Blackbox Viewer

ODU1 | Comm. | Error History

Operation Mode	Stop	Target H-Pressure	0
Comp Mode	0	Target L-Pressure	0
Inv Target Freq.	0	H-Pressure	0
Inv Freq.	0	L-Pressure	0
Fan1 Target RPM	0	Outdoor Temp.	220.0
Fan1 RPM	0	Indoor Temp.(Avg)	220.0
Fan2 Target RPM	0	Delta Temp.	0.0
Fan2 RPM	0	Inv Discharge Temp.	300
1P Input Voltage(RMS)	140	Inv Sution Temp.	220.0
1P Input Voltage(Peak)	140	Heatsink Temp.	400
RP Input Voltage(RMS)	0	Hex Midpipe Temp.	220
SP Input Voltage(RMS)	0	Hex Outpipe Temp.	220
TP Input Voltage(RMS)	0	Inner Hex Out Temp.	220.0
Input Current(RMS)	0.0	Power Relay ON/OFF	OFF
Input Current(Peak)	0.0	Standby Power State	OFF
Input Source Freq.	0	Defrost Operation	OFF

Data is displayed at the time of the last 3 errors.

❸ ⬤━━━━━━━━━━ T

Error Code : -   ❺ Troubleshooting Guide

❹ Save Blackbox

LG WHISEN