MITSUBISHI ELECTRIC

Air-conditioner Network System

Expansion Controller
PAC-YG50ECA

Instruction Book

(Web browser for Test Run)

Contents

WT06030X03

1. Introduction

Normally, make initial settings and perform a test run from AG-150A that connects to PAC-YG50ECA via the LAN.

When AG-150A has not been connected or the LAN has not been installed, test run for the air-conditioning units can be performed from PAC-YG50ECA without connection with AG-150A, using the "Web browser for Test Run" function.

This manual provides the instructions on using the "Web browser for Test Run" and its restrictions.

The screens for the "Web browser for Test Run" can be operated in the same way as the AG-150A "Web browser for Initial Settings" and "Web browser for System maintenance engineer." Refer to the following Instruction Books.
- ・ AG-150A／GB-50ADA-A/GB-50ADA-J Instruction Book (Web browser for Initial Settings)
- ・ AG-150A／GB-50ADA-A/GB-50ADA-J Instruction Book (Web browser for System maintenance engineer)

2. Restrictions

The usage periods and restrictions for use of the "Web browser for Test Run" are described below.

2-1. Applicable versions

PAC-YG50ECA: Ver. 1.45 or later

2-2. Required conditions

Under the following conditions, the "Web browser for Test Run" function can be used.

(1) System

The PAC-YG50ECA has never been connected to AG-150A via the LAN.

* If AG-150A and PAC-YG50ECA is connected via the LAN, **the "Web browser for Test Run" function can not be used.**

(2) Switch settings

SW604-7 is set to OFF.

* SW604-7 is a switch for error display on the local remote controller when an ECline communication error occurs. If the switch is set to ON, the "Web browser for Test Run" function can not be used.

(3) Usage periods

Within approx. 30 days after PAC-YG50ECA unit is first powered up.

* After the period is expired, the "Web browser for Test Run" function can be used for 24 hours by switching SW604-5 from OFF to ON while the power is on.

2-3. Applicable models

The table below shows the usability of the test run function for each model.

Model		Usability
Air conditioning unit	CITY MULTI, Mr. Slim	V
Ventilation equipment	LOSSNAY, OA processing unit	V
PWFY	BU, AU	V
AI, PI controller	PAC-YG63MCA, PAC-YG60MCA	V
DIDO controller	PAC-YG66DCA	N/A

3. Web browser for Test Run

There are two types of browsers in the "Web browser for Test Run".
- ・Web browser for Initial Settings   ··· Used to set initial settings.
- ・Web browser for System maintenance engineer   ··· Used to monitor/operate air conditioning units.

The Web browsers can be used by entering the following URLs.

- ・ Web browser for Initial Settings
       http://[PAC-YG50ECA IP address]/g-50/administrator.html

- ・ Web browser for System maintenance engineer
       http://[PAC-YG50ECA IP address]/administrator.html

* For details, refer to the AG-150A/GB-50ADA-A/GB-50ADA-J Instruction Book (Web browser for Initial Settings) and AG-150A/GB-50ADA-A/GB-50ADA-J Instruction Book (Web browser for System maintenance engineer).

Only the functions given below can be used.
(A message "Cannot use" will be displayed if the function is not supported.)

3-1. Web browser for Initial Settings

Function		Usability	Restrictions
Initial Settings		─	
	Setting the Current Date and Time	V	Daylight savings time cannot be set.
	Setting the Basic Information and External Input Functions	V	Date and time display formats and temperature display formats are only valid in the Web browser for Test Run itself.
	Group Setting	V	Group names cannot be registered, and icons cannot be changed. Groups for the DIDO controller cannot be registered.
	Interlocked Setting	V	
	Block Setting	N/A	
Functions 1		─	
	Error mail reports/E-mail communication	V	E-mail settings for maintenance tools only. *1 (The setting for Error mail reports cannot be made.)
	Energy-Save Control and Peak Cut Control	N/A	
	Settings for measurement	V	Meter names and sensor names cannot be registered. Only up to 5 PI controllers can be registered from this Web browser for Test Run.
Functions 2		─	
	Limiting the Set Temperature Operating Range	N/A	
	Night Mode (Silent Mode) Schedule	N/A	
	System-Changeover of Y series	N/A	
Functions 3		─	
	External Temperature Interlock	N/A	
	Night setback control	N/A	
	Interlock control	N/A	
User Setting		N/A	

*1 The Maintenance tool that is connected via the PAC-YG50ECA cannot be used. Use the Maintenance tool that is connected to an MN converter.
  (The functions of the Maintenance tool that is connected via the PAC-YG50ECA can be used when AG-150A is connected, and the license is valid.)

3-2. Web browser for System maintenance engineer

Item		Usability	Restrictions
Monitor / Operation	Condition List	V	DIDO controller cannot be monitored nor operated.
	Measurement List	V	List display only. Graph display is not available.
	Malfunction List	V	
	Filter Sign List	V	
Schedule settings	Today's Schedule	N/A	
	Weekly Schedule1	N/A	
	Weekly Schedule2	N/A	
	Weekly Schedule3	N/A	
	Weekly Schedule4	N/A	
	Weekly Schedule5	N/A	
	Annual Schedule	N/A	
Malfunction log	Unit Error	N/A	
	Communication Error	N/A	
System Settings	Date/Time Settings	V	Daylight savings time cannot be set.
	User Registration	N/A	
Maintenance	Send Mail Log	V	
	Gas Amount Check	N/A	

4. Notes on setting and using the "Web browser for Test Run"

When initial settings have been made such as group settings and ventilation interlocking settings via the "Web browser for Test Run", the settings will not be reflected right away if the PAC-YG50ECA is in one of the states given below. Leave the browser as it is for approx. 5 to 10 minutes so that the settings will be reflected.
- a) Right after the power has been turned on (excluding when the power is first turned on after shipment from the factory)
- b) During PAC-YG50ECA start-up processing after initial settings are sent

The service LED display (LD5) blinks during start-up and will be unlit upon completing start-up. When making the settings, check that the LED is unlit. The LED lights up when power has been turned on for the first time since shipment from the factory.
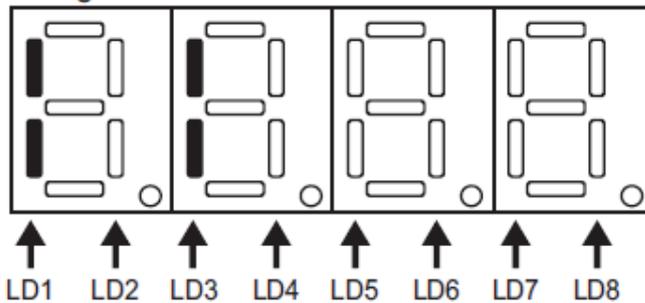
[Method to check if PAC-YG50ECA start-up processing has been completed or not]
See the 7-segment LED.
[Switch settings] SW601: All "OFF," SW606: "0," SW607: "0"
[7-segment LED (LD5)] Blinks (during start-up)/Unlit (start-up completed)/Lit (No group information)

7-segment LED

LD1 LD2 LD3 LD4 LD5 LD6 LD7 LD8

(Electric shock hazards)	**Wear protective gear when handling the unit.** The LED is checked while the power is on. A voltage is applied to certain parts of the circuit boards and the terminal blocks and poses electric shock hazards. Wear protective gloves to reduce the risk of electric shock.

5. When connecting to AG-150A

To connect PAC-YG50ECA and AG-150A after the test run via the "Web browser for Test Run", follow the procedures below.

1) Set the following items from AG-150A: AG-150A network settings and IP addresses of the connected EC-1, EC-2, and EC-3.
Then, connect AG-150A and PAC-YG50ECA via the LAN.

2) Set the following items from AG-150A: Any items that could not be set via the "Web browser for Test Run" Also, check other settings from AG-150A if they are appropriate.

3) Set date and time again from AG-150A.

NOTE	· Make sure that the LAN communication between AG-150A and PAC-YG50ECA is operating properly. · After connecting PAC-YG50ECA to AG-150A, change initial settings or perform a test run from AG-150A. **Do not use PAC-YG50ECA Test run browser.**

[Modification List]

Category	Item	Contents	Page/Section
New Function	Increased Weekly schedule patterns	Five types of weekly schedule patterns are available instead of two.	P3 Section 3-2