

consumption of 0.9W or less)

[PLC parts]

	Notes
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	* Differs by system condition applied.
	*Not acceptable other than the left.
	*High speed type QX40-S1 not acceptable.

2. Installing PLC software for general equipment

The installation method of PLC software for general equipment (PAC-YG21CDA Ver.2) is outlined below.



[Required materials]

Item	Details	Notes							
Computer (PC)	*1	*1:Refer to manual (WT04104X**,WT04265X**,WT04266X**)							
Connection Cable	QC30R2	*Cable exclusive for PC-PLC connection.							
PC card adapter	Q2MEM-ADP	*For confirming of the writing details to ATA card.							
Master CD	PAC-YG21CDA's CD	*Contains Manual, PLC software and table setting tool							
Tool	GX developer	*Ver.8 or more (English version)							
	Table Setting Tool	* Located in Master CD							
PLC	*2	*2:Refer to chapter 1 and manual(WT04104X**)							

[Installation procedure]

Step 1 : Writing of PLC software in ATA card

- Step 2 : Setting of PLC function and input/output relation table
- Step 3 : Installation of PLC and setting up of PLC software

[Initial setting at system installation]

- Step 1 : Register the license of [PLC for general equipments] to G-50A.
- Step 2 : Execute initial setting from TG-2000A.

"PLC for General Equipment set-up", "Time set-up", etc.

Step 3: Make the setting for general equipment error mail from initial setting WEB. (when using the general equipment error mail function)

3. Applicable models of indoor unit for free contact

The indoor units for which the input/output of the indoor unit can be used by PLC for general equipment are as follows. Indoor unit using R410A Indoor unit Ver.33 or later using R407C

Check the version with the maintenance tool.

Check the Ver. Column.

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→ Refer to manual (WT04266X01 or later)

→ Refer to manual (WT04265X01 or later)

→ Refer to manual (WT04104X02 or later)

4. Re: License

(1) For G-50A, the license registration of "PLC for general equipments" is required. Without the license registration to G-50A, the control from PLC to indoor units can not be performed. Obtain the license of "PLC for general equipments", and register the license on WEB screen of G-50A.

(2) Action can be confirmed by the test run setting.

- Applying the test run setting to PLC from TG-2000A allows normal operation for one day only (from the time set with test run to AM2:20) without registering the license of PLC to G-50A.
- In this case, the IP address setting of G-50A to PLC from TG-2000A is required as same as in the normal setting. * With TG-2000A, operating/monitoring control of general equipment(*1) can not be performed if the formal license of "PLC for general equipments" is not registered to G-50A. *1: General equipment of PLC connection and indoor unit connection

License registration and PLC action											
Test run setting from TG-2000A	First G-50A license	Second G-50A license	PLC action								
No test run			No action								
Test run set	No	No	Normal action until AM 2 :20 for 2 G-50As								
No test run	est run Yes		Normal action for fist G-50A only								
No test run	No	Yes	Normal action for second G-50A only								
No test run	Yes	Yes	Normal action for 2 G-50As								
Test run set	n set Yes		Normal action for 2 G-50As								
Test run set	Yes	No	Normal action for first G-50A only								
	165	NO	Normal action for second G-50A until AM 2:20								
Toot run oot	No	Vee	Normal action for second G-50A only								
Test run set	No	Yes	Normal action for first G-50A until AM 2:20								

[Caution about PLC]

- (1) The input/output relation control is only interlocked at the change of the input condition without providing interlocked control at all times. The schedule control is that only for the time of change.
- (2) Based on the G-50A number setting in the [SET.CSV] file saved in ATA card, PLC communicates with G-50A. As no communication with G-50A is made when the setting is 0 (set), the input/output relation control can not be operated.
- (3) Without setting of the IP address of G-50A to PLC from TG-2000A, PLC does not communicate with G-50A even though the number of G-50A is being set to SET.CSV. This setting is once executed, the IP address of G-50A is memorized and acts accordingly thereafter.

(4) If the license of PLC is not registered to G-50A, PLC can not control indoor units even the above setting was normally made. (5) Use G-50A Ver2.70 or later. When using the general equipment error mail function, use V2.90 or later.