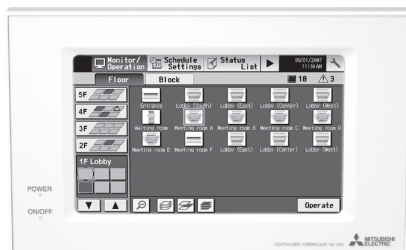


3. SYSTEM CONTROLLER

3-2. Central controller [AG-150]



A. The centralized controller of AG-150 combines Web function (optional), which enable the air conditioner system management on a PC browser screen.

*1The management can even be carried out remotely.

*1 Microsoft® Internet explorer Ver. 6 or later by Microsoft Corporation is needed.

(Note: You must have "Sun Microsystems Java".)

Microsoft® Internet explorer is a registered trade mark of Microsoft Corporation US in the USA and other countries.

Note: Connect AG-150 to a private network.

B. Together with integrated centralized control software TG-2000, tenant billing, scheduling, etc., can be carried out. Details, please refer to the TG-2000 section.

C. One AG-150 can control maximum 50 Indoor units (including LOSSNAY). The integrated centralized control software TG-2000 can manage maximum 40 AG-150s, therefore can manage maximum 2000 Indoor units (including LOSSNAY).

D. Taking advantage of AG-150's Web functions, alarming E-mail containing address and error code can be sent to appointed E-mail address upon any fault happen at the air conditioner system.

E. AG-150 features a 9"-wide color LCD touch panel. The settings for air conditioning units can be changed by touching the corresponding icons on the display.

F. The interlock-control option enables interlocked operations of air conditioning unit groups and the general equipment groups, based on the changes of status in the ON/OFF, Mode, or Error signals. (Can be set from the Web browser only)

■ Functions

□: Each unit ○: Each group ●: Each block
△: Each floor ⊙: Collective X: Not available

Item	Description	Operations	Display
ON/OFF	Run and stop operation for the air conditioner units	○ ⊙ △ ●	○ ⊙
Operation mode switching	Switches between Cool / Dry / Auto / Fan / Heat. (Group of LOSSNAY unit : automatic ventilation/ vent - heat interchange/ normal ventilation) Operation modes vary depending on the air conditioner unit. Auto mode is the City Multi R2 and WR2 series only.	○ ⊙ △ ●	○
Temperature setting	Range of temperature setting Cool/Dry : 67°F - 87°F (57°F - 87°F) / 19°C - 30°C (14°C - 30°C) Heat : 63°F - 83°F (63°F - 83°F) / 17°C - 28°C (17°C - 28°C) Auto : 67°F - 83°F (63°F - 83°F) / 19°C - 28°C (17°C - 28°C) () when using middle-temperature on PDFY, PEFY-NMSUN/MHJ by setting DipSW7-1 to ON. * Range of temperature settings vary depending on model.	○ ⊙ △ ●	○
Night setback setting	This function helps keep the indoor temperature in the temperature range while the units are stopped and during the time this function is effective.	○	○
Fan speed setting	Models with 5 air flow speed settings: Hi/Mid-2/Mid-1/Low, Auto Models with 4 air flow speed settings: Hi/Mid/Low, Auto Models with 2 air flow speed settings: Hi/Low Fan speed setting (including Auto) varies depending on the model.	○ ⊙ △ ●	○
Air flow direction setting	Air flow direction angles, 4-angle or 5-angle Swing, Auto *1: Louver cannot be set. *Air flow direction settings vary depending on the model.	*1 ○ ⊙ △ ●	○
Schedule operation	Weekly schedule can be set for each group of air conditioning units. *2 By registering a license for AG-150A, weekly (2 types), annual, and current day scheduling function become available. The system follows either the current day, annual schedule, or weekly, which are in the descending order of overriding priority. Twenty-four events can be scheduled per day, including Start/Stop, Mode, Temperature Setting, Operation Prohibition, Vane Direction, and Fan Speed. Two types of weekly schedule (Summer/Winter) can be set. Settable items dependant on the indoor unit model.	*2 ○ ⊙ △ ●	○
Permit / Prohibit local operation	Individually prohibit operation of each local remote control function (Start/Stop, Change operation mode, Set temperature, Reset filter). *3: When the local remote controller inactivation command is received from the master system controller, "Disabled" appears in inverted display on the operation setting screen.	○ ⊙ △ ●	*3 ○
Indoor unit intake temperature	Measures the intake temperature of the indoor unit only when the indoor unit is operating.	X	○
Error	When an error is currently occurring on an air conditioner unit, the afflicted unit and the error code are displayed. 4: When an error occurs, the "ON/OFF" LED flashes. The operation monitor screen shows the abnormal unit by flashing it. The error monitor screen shows the abnormal unit address, error code and source of detection. The error log monitor screen shows the time and date, the abnormal unit address, error code and source of detection.	X	*4 ○ ⊙
Test run	This operates air conditioner units in test run mode.	○ ⊙ △ ●	○
Ventilation equipment	The interlocked system settings can be performed by the master system controller. When setting the interlocked system, you can use the ventilation switch to switch the free plan LOSSNAY settings between "Hi", "Low" and "Stop". When setting a group of only free plan LOSSNAY units, you can switch between "Normal ventilation", "Interchange ventilation" and "Automatic ventilation".	○ ⊙ △ ●	○
External input/output	By using accessory cables you can set and monitor the following. Input: By level signal: "Batch start/stop", "Batch emergency stop" By pulse signal: "Batch start/stop", "Enable/disable local remote controller" Output: "Start/stop", "Error/Normal" *5: Requires the external I/O cable (PAC-YG10HA-E) sold separately.	⊙ *5	⊙ *5

■ External dimension

