

Job Name:		Location:	
Purchaser:		Submitted By:	
Submitted To:		Engineer:	
Date:		Application:	

☐ Reference
 ☐ Approval
 ☐ Construction



Item		Specifications
Power supply	Rating	100-240 VAC $\pm$ 10%, 50/60 Hz, single phase
Power consumption		22W
LAN1, LAN2		100BASE-TX
RS-485		For connecting a watt-hour meter (Modbus-RTU)
External input/output	Input	Photocoupler input (4 inputs x 2)
	Output	Transistor output (2 outputs x 2) (sink type)
Ambient conditions	Operating temperature range	0°C to +40°C (+32°F to +104°F)
	Storage temperature range	-20°C to +60°C (-4°F to +140°F)
	Humidity	30% to 90% RH (non-condensing)
Exterior		PC+ABS-GF10 (Munsell 1.0Y 9.2/0.2)
External dimensions	W x H x D	306 x 211 x 71.8 mm (12-1/16 x 8-5/16 x 2-27/32 in) When embedded, the controller protrudes from the wall or the metal control box by 19.7 mm (25/32 in).
Weight		2.9 kg (7 lbs)
Installation conditions		Indoor only
		* This controller is for use in an indoor or equivalent environment.

## Optional Software with Pin Code

- AE-C400-PCS  
Proportional Charge Function
- AE-C400-BACNET  
BACnet Interface Function

## Option Parts

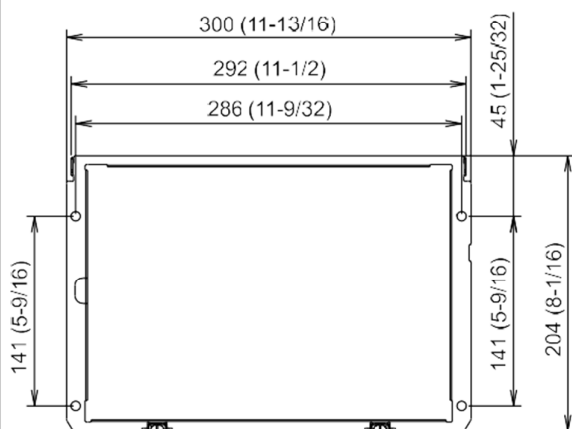
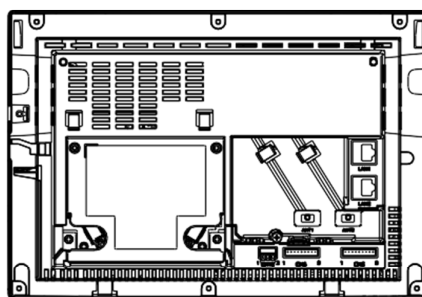
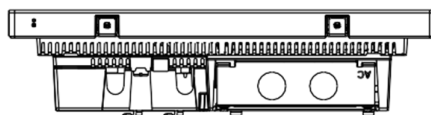
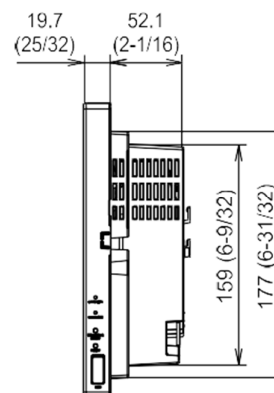
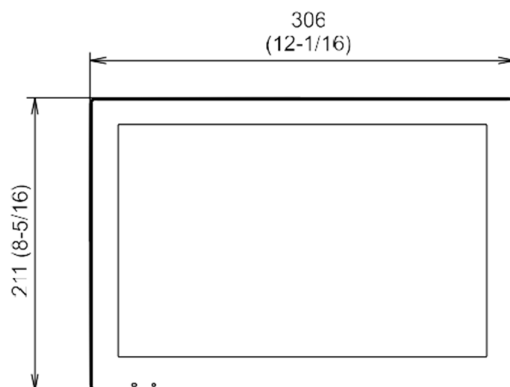
- PAC-YK95UTB  
Electrical Box
- PAC-YK92TB  
Mounting attachment
- PAC-YK96TK  
Mounting kit for control panel
- PAC-YK91RF  
Replacement attachment

- **For detailed functions, refer to the technical manuals.**
- The centralized controller of AE-C400A combines Web function, which enable the system management on a PC browser screen<sup>\*1</sup>  
*\*1 Operating system requirement: Microsoft® Windows 11® (64bit), Microsoft® Windows 10® (64bit), MacOS®  
 Browser requirement: Microsoft® Edge®, Google Chrome™, Safari®*
- Together with PI controller, DIDO controller, or Modbus<sup>\*2</sup>, many optional functions like "Peak-cut", "Energy saving", "General equipment management", "Scheduling" etc, can be carried out  
 Refer to section of PI and/or DIDO controller for details on these controllers  
*\*2 For connectable unit models, refer to the Instruction Book (Detailed Operations) for AE-C400A/EW-C50A*
- One AE-C400A can control up to 50 units (including LOSSNAY). Up to 400 units (including LOSSNAY) can be controlled from one AE-C400A connected with seven AE-C400A/EW-C50A units.  
*The maximum number of connectable units depends on the model. Refer to the Technical Manual*
- AE-C400A's Web functions, alarming E-mail containing address and error code can be sent to appointed E-mail address
- 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 Initial Setting Tool only)
- CO<sub>2</sub> level can be indicated on AE-C400A's LCD by connecting CO<sub>2</sub> sensor to LOSSNAY
- CITY MULTI is compatible with large-scale BMS management via BACnet®.  
 BACnet® is an open transmission protocol widely used at BMS, and related equipment control.
- CITY MULTI can easily combine into a Building Management System (BMS) via EW-C50A/ AE-C400A
- BACS-AP50E can control up to 50 units/groups (including LOSSNAY).

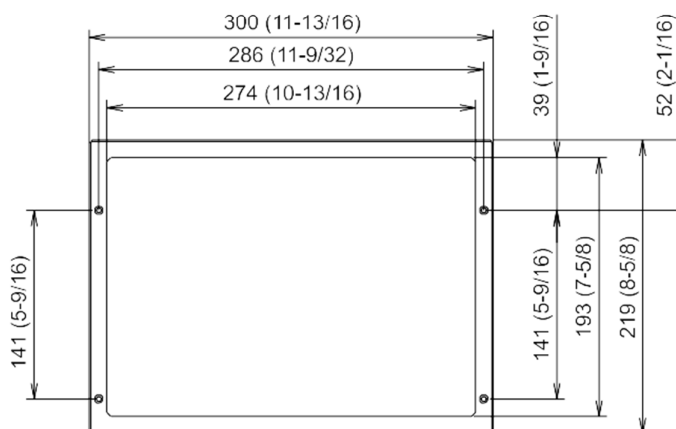
\*To use the BACnet® function on EW-C50A/ AE-C400A, BACnet® license registration is required.

**Note: EW-C50A/AE-C400A and BACS-AP50E cannot be used together.**

Unit: mm (in)



Front frame



Rear frame