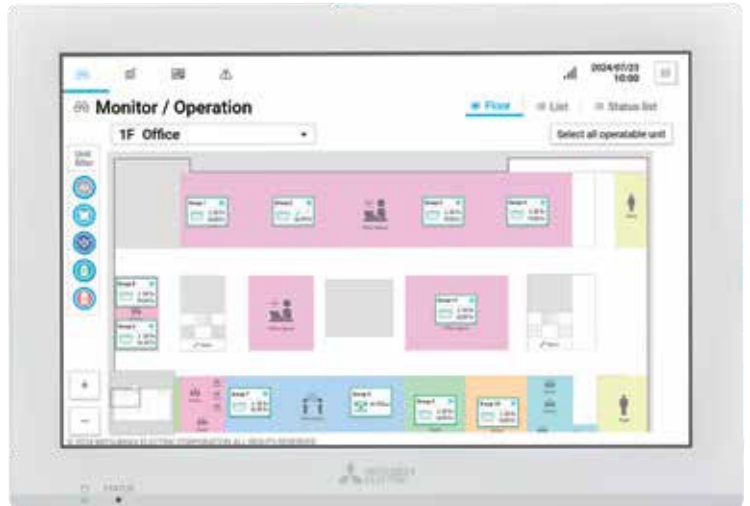


# AE-C400E

## Centralised Controller



(Not to scale)



Scan for more  
information or call  
**1300 722 228**

**Your comfort, your control.**

# AE-C400E

## Centralised Controller

Centralised control systems play a critical role in delivering energy-efficient, cost-effective building performance, enabling precise management, monitoring and reporting across HVAC systems. Mitsubishi Electric offers one of the industry's most advanced controls portfolios, engineered to meet the demands of modern commercial environments. At its core are powerful AE-C400E centralised controllers that provide scalable, integrated control of multiple systems and sites, supporting smarter building operation, improved energy visibility, and streamlined facility management from a single platform.



### 12.1 Inch Colour LCD Touch Panel with Intuitive Interface

A durable 12.1" capacitive glass touchscreen with fast multi-touch response delivers a clear, easy-to-read display and intuitive navigation, allowing users to quickly access system information and manage unit-level operation efficiently, simplifying day-to-day building management.



### Annual and Weekly Schedules with Detailed Control Options

In addition to an annual schedule, five patterns of weekly schedules can be set per season, specifying start and stop times, temperature, and airflow direction and speed in each schedule.



### Advanced Multi-Level Scheduling

The AE-C400E incorporates a powerful scheduling engine designed to automate HVAC operation across commercial buildings. Daily, weekly and annual holiday schedules can be configured to match occupancy patterns, enabling automatic weekday operation, weekend shutdowns, and holiday overrides.



### Control and Monitor Building Air Conditioning Remotely

The AE-C400E features a built-in web server that enables secure monitoring and control through a standard web browser\*<sup>1</sup> on PCs, tablets, or smartphones. This allows facility teams to access system status, review alarms, and adjust settings remotely without the need for specialised software.

\*<sup>1</sup> For Windows, Microsoft® Edge or Google Chrome is required. For Macintosh, Safari 7 is required. Windows and Microsoft® Edge are registered trademarks of Microsoft Corporation in the United States and other countries.



## AE-C400E

Advanced, User Friendly Touch Screen Controller



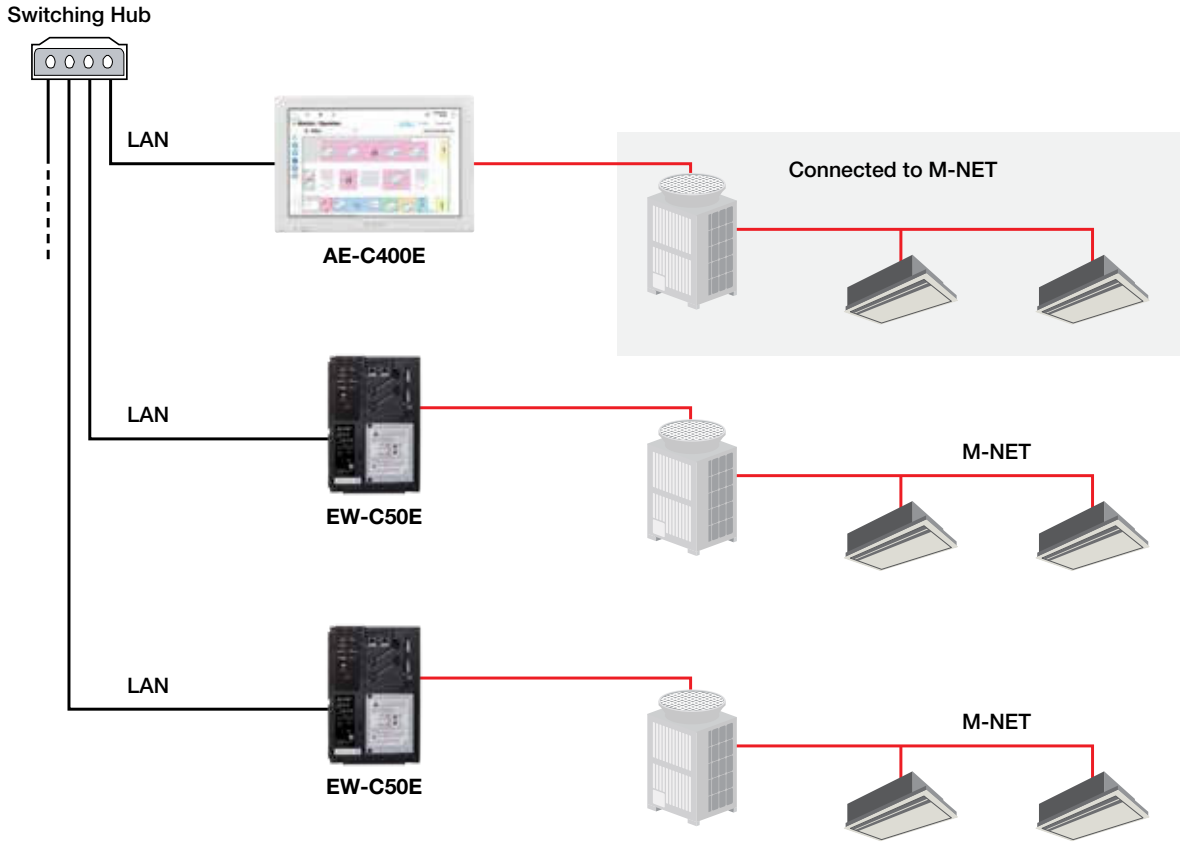
## EW-C50E

AE-C400E Expansion Controller



## Control and Monitor up to 400 Indoor Units

Manage up to 50 indoor units or scale up to 400 with an expansion module (EW-C50E), allowing a flexible and modular solutions for a large range of building sizes.





### Energy Monitoring\*<sup>2</sup> and Tenant Billing\*<sup>3</sup>

The AE-C400E provides built-in energy monitoring capabilities, allowing operators to review system operating time, estimated energy consumption and energy allocation across zones. When used with optional metering inputs, the system can support tenant billing\*<sup>3</sup>, zone-based energy allocation, and detailed energy reporting.



### Integration and Control of Third Party Equipment\*<sup>4</sup>

Control, monitor or interlock third party devices such as lights, pumps, fans or sensors with DIDO, AI control adapters.

\*<sup>2</sup> Electric input via additional adapters required for function.

\*<sup>3</sup> Charge license PIN required to activate function.

\*<sup>4</sup> Additional adapters required for function.



### Simple Single Gateway for BMS Integration\*<sup>5</sup>

The AE-C400E supports BACnet® integration, enabling seamless communication with building management systems and allowing the HVAC network to operate as a fully integrated subsystem within a wider building automation platform. Key data points such as start/stop commands, operating mode, temperature, alarm status, and energy information can be monitored and controlled directly through the BMS interface.



### Energy Saving Control Functions

The AE-C400E incorporates a range of intelligent energy management functions designed to optimise HVAC operation in commercial buildings. Advanced scheduling ensures systems operate only during occupied periods, while features such as optimised start and night setback maintain comfort while minimising unnecessary runtime. The system also includes energy-saving control, which adjusts operation across connected units to improve overall efficiency and peak cut control\*<sup>4</sup>, which limits system demand during periods of high electrical load to help manage peak energy usage.



### Fast Fault Detection and Maintenance Alerts

Continuously monitors connected HVAC equipment and provides clear alerts for system faults, communication issues, filter maintenance requirements, and equipment errors. Maintenance teams can quickly identify which unit is affected, view the specific error code, and see when the fault occurred.

\*<sup>5</sup> BACNet license PIN required to activate function.

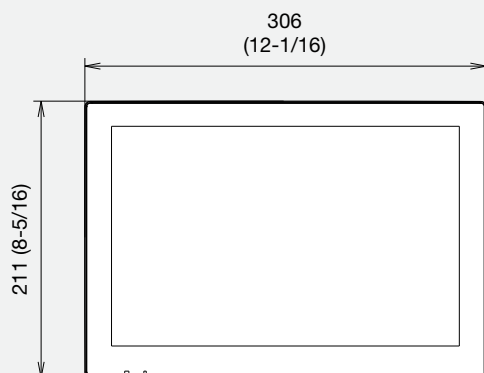
# Specifications

## AE-C400E / EW-C50E

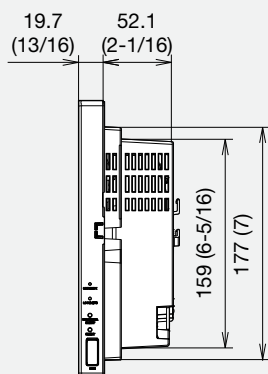
AE-C400E Dimensions (mm)



Front View



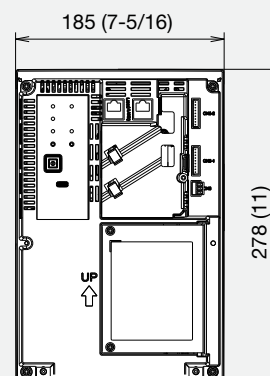
Side View



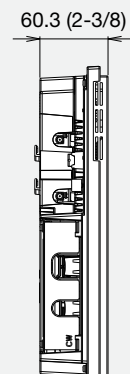
EW-C50E Dimensions (mm)



Front View



Side View



Model		AE-C400E	EW-C50E
Description		12.1" Capacitive Touch Screen Controller	AE-C400E Expansion Controller
Connect To		M-Net	
Max Number of Units		50 units + 4 x PI Controllers	
Compatibility		City Multi, M-series, Mr SLIM, Lossnay, e-Series, QAHV/CAHV and general equipment*6	
Power Supply		1ph, 240 V, 50 Hz	
Dimensions		306 x 71.8 x 211	185 x 60.3 x 278
Control	On/Off	✓	✓
	Mode	✓	✓
	Setpoint	✓	✓
	Fan Speed	✓	✓
	Air Direction	✓	✓
	Permit/Prohibit	✓	✓
	Filter Sign	✓	✓
Monitor	On/Off	✓	✓
	Mode	✓	✓
	Setpoint	✓	✓
	Fan Speed	✓	✓
	Air Direction	✓	✓
	Permit/Prohibit	✓	✓
	Filter Sign	✓	✓
	Fault Codes	✓	✓
Room Temperature	✓	✓	
Weekly Schedule		5 schedule patterns - 24 events per day.	
Annual Schedule		Priority over Weekly. Public and Special holiday setting - 50 days in 24 month period. 5 patterns.	
Daily Schedule		Priority over Weekly & Annual. 24 events per day.	
Night Setback		✓	✓
Web Browser		✓	✓
Optimised Start		✓	✓
Automatic Setpoint Adjustment		✓	✓
Load Shedding		✓	✓
Reset		✓	✓
Simple Energy Monitoring		✓	✓
Advanced Energy Monitoring		✓	✓
BACNet® Communication		✓	✓

Notes:

\*6 PAC-YG66DCA DIDO controller or other adapters required.

#### DISCLAIMER

All care is taken in the preparation of information to ensure it is accurate and current. Colours depicted in this material may vary slightly from the actual product. Images presented are not to scale and are for illustrational purposes only. Please refer to the specifications before installation and servicing.

