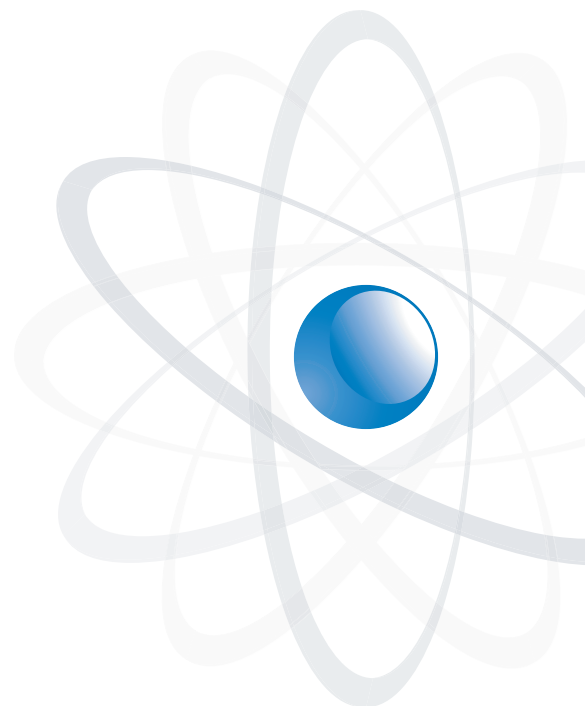




The **EW-50E** allows control over the M-NET network by providing either a web interface or by expanding an AE-200E centralised controller by acting as an expansion controller.

### Key Features

- Web based controller
- Monitor and control up to 50 indoor units
- Monitor and control general equipment
- Energy monitoring, load shedding
- Onboard HTML5 web browser
- Optional direct BACnet connection

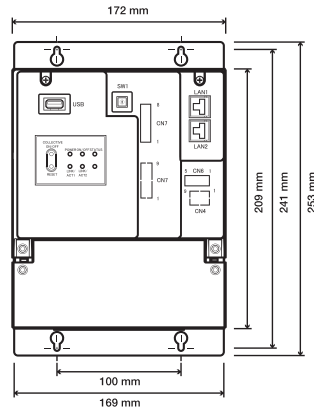


CENTRALISED CONTROLLER	EW-50E
Description	Web Interface and AE-200E expansion controller
Connect to	M-NET Network
Max Number of Units	50 and 4 Pulse Meters
Compatibility	M Series, Mr Slim and City Multi
Power Supply	220-240v, 50Hz
Dimensions (mm) (WxDxH)	172 x 92 x 253
Control	On/Off ✓ Mode ✓ Setpoint ✓ 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	✓
Annual Schedule	✓
Night Set Back	✓
Web Pages	✓
Optimised Start	✓
Automatic Setpoint Adjustment	✓
Load Shedding	✓
Occupied / Unoccupied Settings Reset	x
Remote Monitoring with M2M	✓
Simple Energy Monitoring	✓
Advanced Energy Monitoring	✓

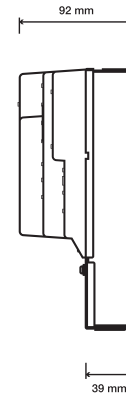
Notes: ✓ = Yes, x = No, - = Not applicable.

### DIMENSIONS

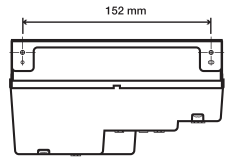
Front View



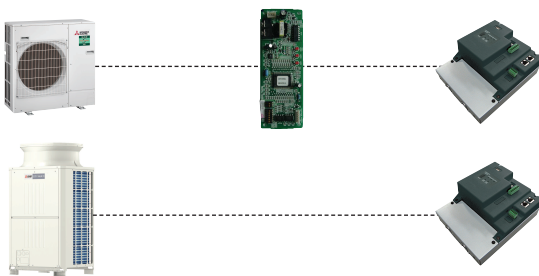
Side View



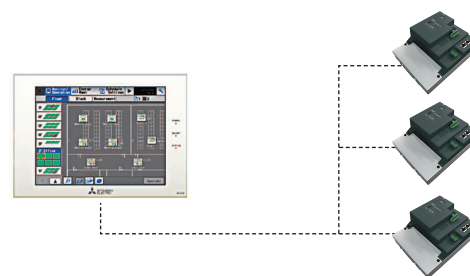
Upper View



### SYSTEM DIAGRAM: WEB INTERFACE



### SYSTEM DIAGRAM: EXPANSION MODULE WITH AE-200E



Note: 4 energy monitoring pulse inputs on-board EW-50E. On board 230v power supply. No optional power supply required.



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Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774) or R134a (GWP:1430). \*These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows: R410A (GWP:1975), R32 (GWP: 550), R407C (GWP:1650) or R134a (GWP:1300).



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Effective as of September 2017