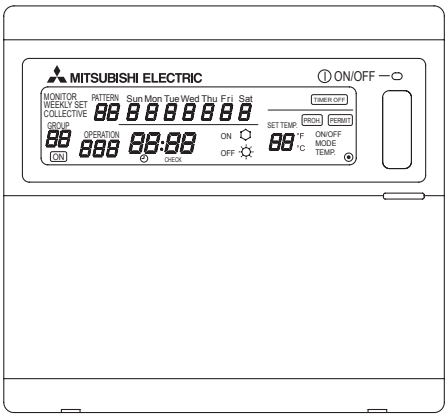
Job Name:

Drawing Reference: Schedule No.



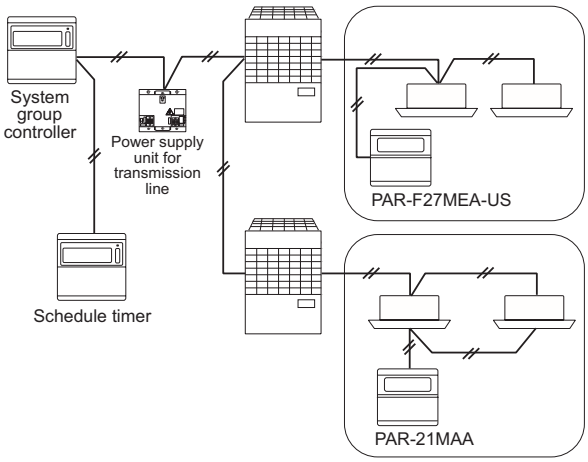
OVERVIEW OF CITY MULTI CONTROLS NETWORK (CMCN)

- Consists of TG-2000 integrated system software, G-50A/GB-50A centralized controllers, timers, remote controllers and BMS interfaces.
- TG-2000 integrated system software supports up to 40 G-50A/GB-50A centralized controllers (licensed for PC software features) for a maximum of 2,000 units from a single PC.
- G-50A centralized controller operates up to 50 indoor units with optional control via a field supplied PC with licensed software.
- GB-50A centralized controller operates up to 50 indoor units via a field supplied PC with licensed software.
- ON/OFF Controller (PAC-YT40ANRA) provides on/off control for 16 individual groups (for a maximum of 50 units).
- Schedule Timer (PAC-YT34STA) provides system schedule control (on/off, operation mode (cool or heat), set temperature, permit/prohibit of remote controller functions (on/off, operation mode selection, set temperature).
- Group System Controller (PAC-SF44SRA) provides system control (on/off, operation mode (Cool, Heat, Dry, Fan, Auto-R2 only), set temperature, permit/prohibit of remote controller functions (on/off, operation mode selection, set temperature), fan speed, and air flow direction of up to 50 indoor units.
- Remote controllers consist of Deluxe MA, Simple MA, Wireless MA, and ME.
- LonWorks® and BACnet® interfaces also available.
- Interlocking of LOSSNAY ERV units for control via the G-50A/GB-50A centralized controllers.

SCHEDULE TIMER (PAC-YT34STA) SPECIFIATIONS

- Schedules up to 50 indoor units. Maximum number of indoor units per one group is 16. Maximum number of groups is 50.
- Use only in conjunction with PAR-21MAA (Deluxe MA Remote Conrollers), PAR-FA/L32MA (Wireless MA Remote Controller) or PAR-F27MEA (ME Remote Controllers).
- Scheduling: Supports up to 10 patterns (no setting and nine patterns) with up to 16 operations per pattern. Operations include On/Off, mode selection (cool, heat), set temperature, and prohibition of remote controller functions (On/Off, operation mode change, and set-temperature adjustment). Patterns are applied to each group of indoor units on a per-day basis. Minimum time interval is five minutes.
- Diagnostics: Displays four-digit error code and error unit address.
- Addressing: Requires manual addressing using rotary dial switch to the M-NET communications bus.
- Wiring: Connects to TB7 connection terminal on outdoor unit with the PAC-SC50KUA power supply (recommended) or connects to TB3 connection terminal on outdoor unit.
- Dimensions: 5-1/8" x 4-23/32" x 3/4"
- Expandability: Can be used in conjunction with G-50A/GB-50A Centralized Controller, which has higher priority but requires a change in dip-switch setting. Can be used in conjunction with external input/output signals. Can be used in conjunction with On/Off Controller (PAC-YT40ANRA) and System Group Controller (PAC-SF44SRA).

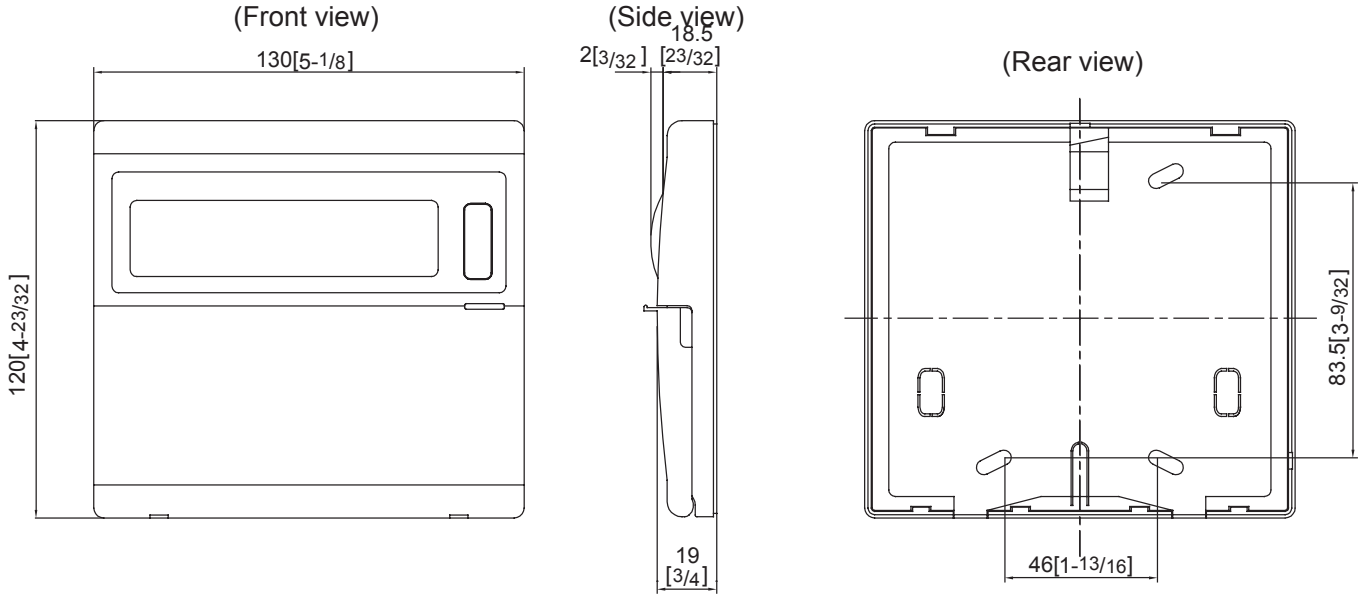
■ System example



Notes:

Model: PAC-YT34STA

Unit:mm[in.]



Certificate Number FM33568

Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of quality warranties for the production of refrigeration and air conditioning equipment.

ISO Authorization System
The ISO 9000 series is a plant authorization system relating to quality warranties as stipulated by the ISO. ISO 9001 certifies quality warranties based on the "design, development, production, installation and auxiliary services" for products built at an authorized plant.

Certificate Number EC97J1227

Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired environmental management system standard ISO 14001 certification.

The ISO 14000 series is a set of standards applying to environmental protection set by the International Standard Organization (ISO).

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