MITSUBISHI ELECTRIC

HVAC Advanced Products Division

SUBMITTAL DATA: PZ-52SF

LOSSNAY M NET REMOTE CONTROLLER

Job Name: Location: Date:

Drawing Reference: Schedule No.:

OVERVIEW OF CITY MULTI® CONTROLS NETWORK (CMCN)

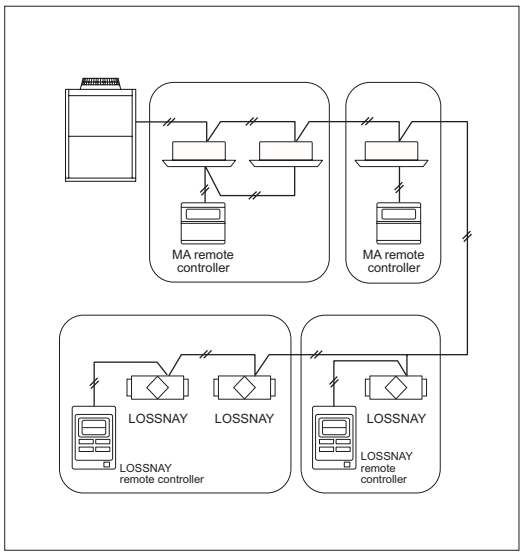
- Consists of TG-2000 integrated system software, AG-150/GB-50/GB-24 centralized controllers, timers, remote controllers, and BMS interfaces.
- TG-2000 integrated system software supports up to 40 AG-150/GB-50 centralized controllers (licensed for PC software features) for a maximum of 2,000 indoor units from a single PC.
- AG-150 centralized controller operates up to 50 indoor units with optional control via a field-supplied PC with licensed software.
- GB-50 centralized controller operates up to 50 indoor units via a field-supplied PC with licensed software.
- GB-24 central controller operates up to 24 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 indoor 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-Series 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.
- I/O controllers consist of DIDO (PAC-YG66DCA) and AI (PAC-YG63MCA) for third-party equipment control.
- LonWorks® and BACnet® interfaces also available.
- Interlocking of LOSSNAY® ERV units for control via the AG-150/GB-50/GB-24 centralized controllers.



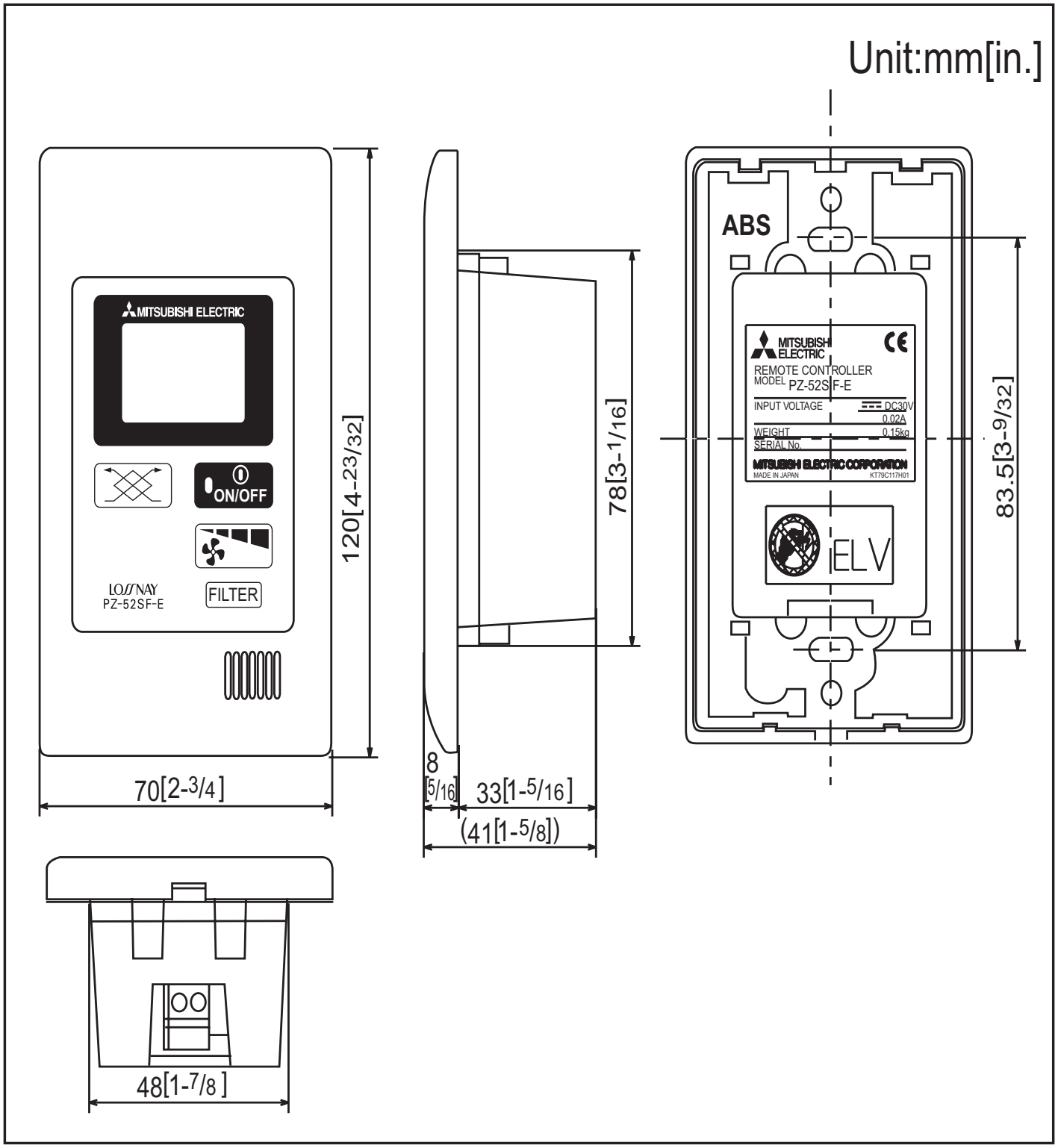
PZ-52SF LOSSNAY® ERV M-NET REMOTE CONTROLLER SPECIFICATIONS

- Controls — ON/OFF.
- User Functions — Alows user to set operation mode:
  - Heat Recovery Mode — Ventilation air and return air both enter the Lossnay core for heat exchange.
  - Bypass Mode — Ventilation air enters through the Lossnay core and return air bypasses the core and is exhausted.
  - Auto Mode — Lossnay automatically changes between the Bypass and Heat Recovery modes based on space conditions.
- Fan speed setting.
- Filter button resets filter indicator.
- Diagnostics — Displays four-digit error code and error unit address.
- Up to 15 Lossnay units can be grouped together.
- Addressing — Requires manual addressing using rotary dial switch to the M-NET communication bus.
- Dimensions — 2-3/4" W x 4-3/4" H x 1-5/8" D

System Example with Tie into CITY MULTI



DIMENSIONS: PZ-52SF



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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Specifications are subject to change without notice.