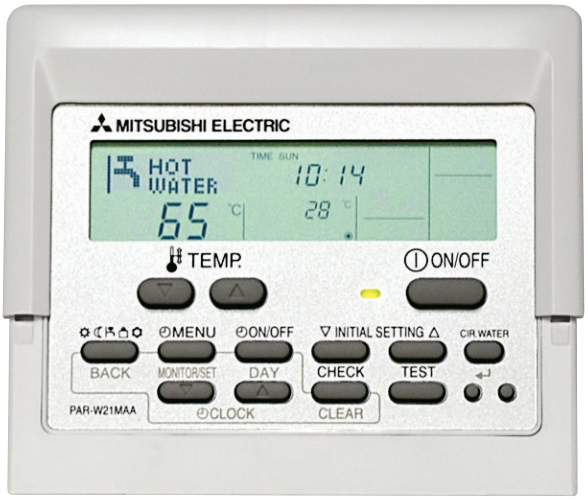
MODEL: PAR-W21MAA-J
PWFY HYDRONIC HEAT EXCHANGER REMOTE CONTROLLER

Job Name:

System Reference: Date:

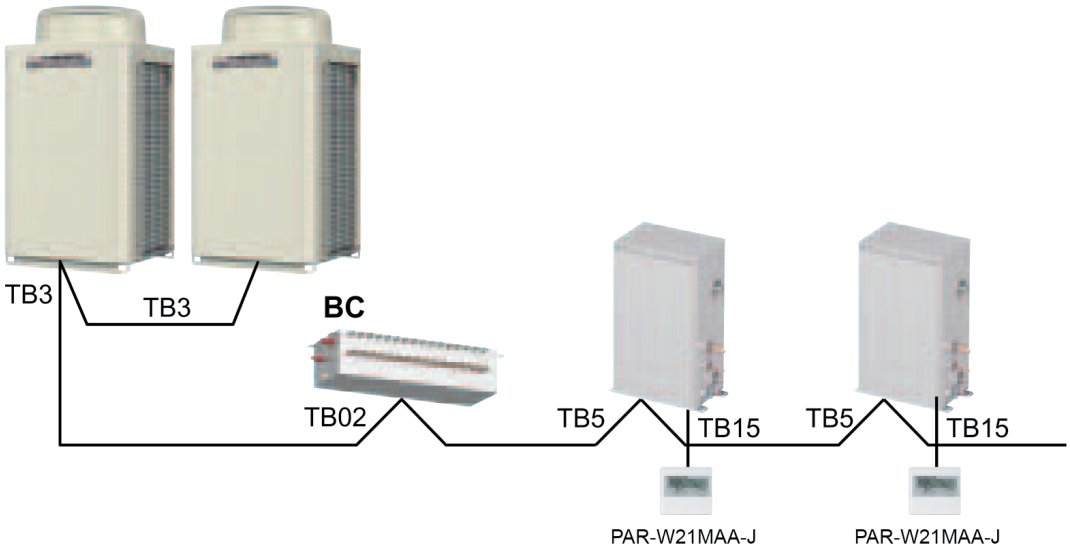


OVERVIEW OF CITY MULTI® CONTROLS NETWORK (CMCN)

- Consists of TG-2000 integrated system software, AG-150/GB-50ADA/GB-24/TC-24 centralized controllers, web browsers, timers, remote controllers, and BMS interfaces.
- TG-2000 integrated system software supports up to 40 AG-150/GB-50ADA 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-50ADA 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.
- TC-24B-J standalone centralized controller operates up to 24 indoor units via an integral touch screen interface.
- 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-50ADA/GB-24/TC-24 centralized controllers.

PAR-W21MAA-J PWFY HYDRONIC HEAT EXCHANGER CONTROLLER SPECIFICATIONS

- Controls group operation for up to 16 PWFY-P36NMU-E-BU units in a single group, OR controls group operation for up to 16 PWFY-P36NMU-E-AU and PWFY-P72NMU-E-AU units in a single group.
- Features selectable multi-lingual LCD (English, Spanish, Swedish, German, Italian, Russian, and French).
- Supports both Fahrenheit and Celsius.
- User functions allow user to set
  - On/Off
  - Water temperature setting: hot water, heating, heating ECO, anti-freeze, cooling (depending on the unit connected)
- Range of set temperature depends on the operation mode and the unit connected.
  - Hot Water 95°F (35°C) min. ~ 160°F (71°C) max. (in increments of 2°F or 1°C)
  - Heating 86°F (30°C) min. ~ 115°F (46°C) max. (in increments of 2°F or 1°C)
  - Anti-freeze 50°F (10°C) min. ~ 115°F (46°C) max. (in increments of 1°F or 1°C)
  - Cooling 50°F (10°C) min. ~ 86°F (30°C) max. (in increments of 1°F or 1°C)
- Preset temperature range setting can be limited through a remote controller: 50°F (10°C) min. ~ 194°F (90°C) max. in increments of 1°F or 1°C)
- Timer Operation:
  - Weekly Timer: on/off/water temperature setting up to 6 times per day of the week in 1-minute increments.
- Function Lock Out: Can prohibit all functions, all functions except on/off, or individual functions: on/off, operation modes, water temperature setting, circulating water replacement warning reset.
- Diagnostics: Displays four-digit error code and error unit address.
- Addressing: No addressing required.
- Wiring: Connects using two-wire, stranded, non-polar control wire to TB15 connection terminal on the PWFY unit. Requires crossover wiring for grouping across PWFY units.
- Dimensions: 5-1/8” x 3/4” x 4-23/32” (130 x 19 x 120 mm).



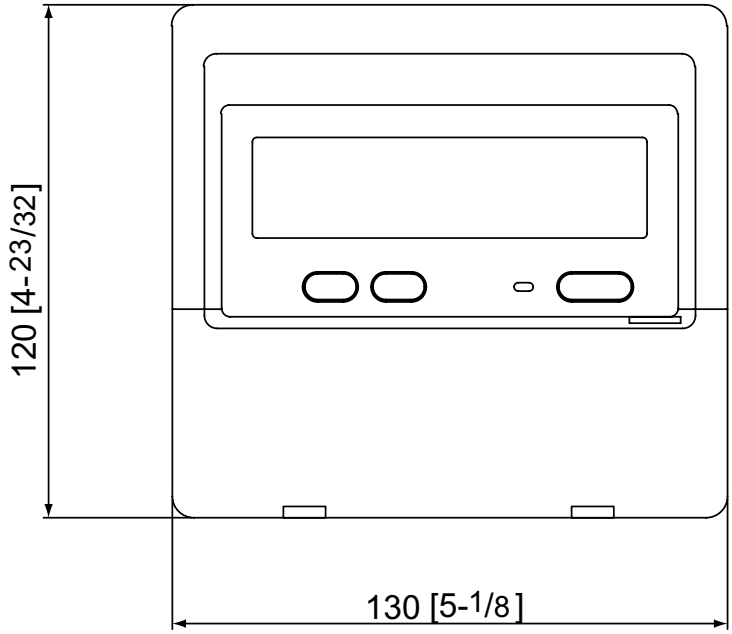
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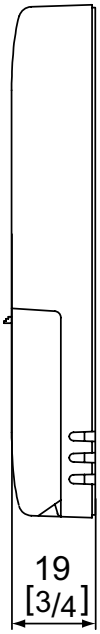
DIMENSIONS: PAR-W21MAA-J

Unit:mm[in.]

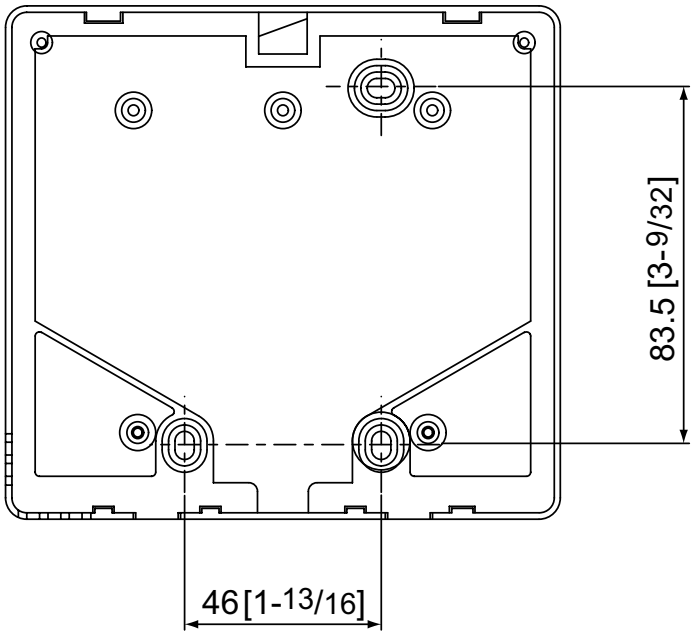
(Front view)



(Side view)



(Rear view)



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