# **MODEL: TC-24B-J Centralized Controller**



Job Name:

System Reference: Date:

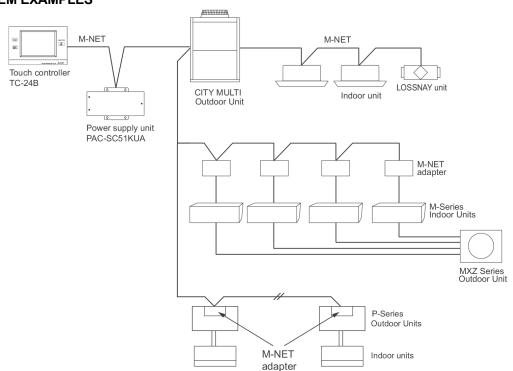


# TC-24B-J CENTRALIZED CONTROLLER SPECIFICATIONS

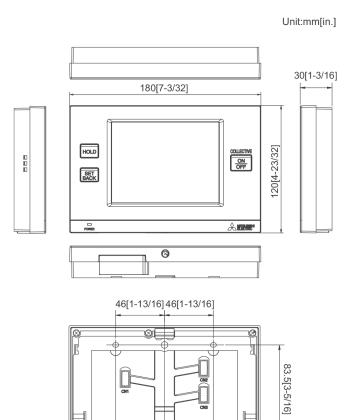
- · Manages:
  - Up to 24 indoor units
  - LOSSNAY®
  - M- and P-Series with M-NET adapter
  - DIDO channels.
- · Controls:
  - Individually
  - Group

- Collective batch operation
- Timed override and hold functions
- On/Off
- Operation mode:
  - Auto\* (Dual or Single set-point)
  - Cool
  - Heat
  - Fan
  - Drying
  - Setback\*
    - Note: \*R2 Series only (connected equipment dependent)
- · Permits or prohibits remote controller functions:
  - On/Off
  - Change Operation Mode
  - Set Temperature adjustment
  - Filter Status
  - Change Air Direction
  - Change Fan Speed
- External input/output signals for batch operation:
  - Start/Stop
  - Emergency Stop
- · Scheduling:
  - Daily
  - Weekly schedules
- Wiring: requires power supply unit (PAC-SC51KUA)
- Dimensions: 4-23/32 H x 7-3/32 W x 1-3/16 D in.

## SYSTEM EXAMPLES



# **Dimensions: TC-24B-J**



Item	Specifications				
Power Supply	30 VDC* (for connection to M-NET only)		Receives power from the power supply unit for transmission line or from outdoor unit via the M-NET transmission cable.  The Power Consumption Coefficient** of Touch Controller is "4".		
Operating conditions	Temperature	Operating Range	0° C – +40° C [32° F – +104° F]		
		Non-operating Range	-20° C – +70° C [-4° F – +158° F]		
	Humidity		30-90% RH (No condensation)		
Weight			1-1/8 lbs. (0.5 kg)		
Dimensions (W x H x D)			7-3/32 × 4-23/32 × 1-3/16 in. (180 × 120 × 30 mm)		

# **NOTES:**

<sup>\*</sup> Not for use with a generic DC power supply device. Use the power supply unit for transmission line (PAC-SC51KUA)

\*\* "Power Consumption Coefficient" is a coefficient to calculate the relative power consumption of the devices that receive power through the M-NET transmission line.

# **Model: PAC-SC51KUA**

### POWER SUPPLY (PAC-SC51KUA) SPECIFICATIONS

- Rated input voltage and current: 100 240VAC ±10 %; 0.8A 0.4A; 50Hz/60Hz single-phase
- · Fuse: 6.3A time delay type
- Output voltage/current: M-NET: 23.0 32.0VDC
- Dimensions: (H x W x D) 6-11/16 x 10-11/16 x 2-7/8"
- · Weight: 3-1/8 lbs
- · Indoor installation in field-supplied control panel or surface mount attachment (sold separately)

Item	Specifications				
Course Dower Dequirements	Rated Input Voltage / Current	100 - 240VAC ±10%; 0.8A - 0.4A, 50/60Hz single phase			
Source Power Requirements	Fuse: 6.3 time delay type (IEC127-2 S.S.5)				
Output Voltage / Current	M-NET	23.0 - 32.0VDC			
Output voltage / Current	DC Power Supply	Not used			
Load Capacity	One TC-24B-J Centralized Controller				
	Temperature	Operating Range	14° - 131°F (-10° - +55°C)		
Environmental Conditions	remperature	Storage Range	-4° - +140°F (-20° - +60°C)		
	Humidity	30-90% RH (no condensation)			
Dimensions (H x W x D)	6-11/16 x 10-11/16 x 2-7/8" (169 x 271 x 72mm)				
Weight	3-1/8 lbs. (1.4kg)				
Installation Environment	Indoor installation in field-supplied control panel or surface mount attachment (sold separately).				

## PAC-SC51KUA POWER SUPPLY DIMENSIONS

