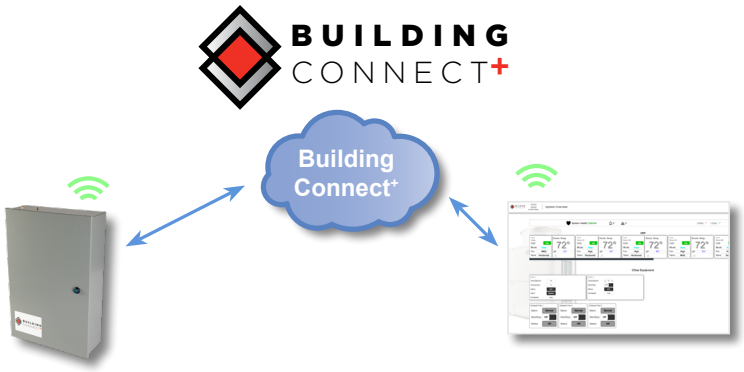
Job Name:
System Reference: Date:



OVERVIEW

The BCP-50 provides a cloud based platform for controlling Mitsubishi Electric CITY MULTI® equipment as well as third party devices through BACnet® and digital I/O. One or multiple panels may be added under a single account to increase the connectable units. User customizable system overview, alarming, scheduling and trending capabilities along with real time maintenance tool data are available through the web connection. A ready to use pre-programmed panel and intuitive graphical user interface allow for easy installation, configuration and web connectivity without the need for custom engineering services, special tools or additional software programs.

REQUIREMENTS

- Active annual subscription. First year is included with the panel.
- Compatible current model Centralized Controllers*

*Controllers not included with BCP-50 panel, AE-200, AE-50 & EW-50

- Standard web browser with HTML5 capability. Chrome recommended.
- Internet connection required for access

* User responsible for data usage associated with connection(s)

SPECIFICATION

- Cloud based user interface
  - Users access system via standard web browser
  - Two factor authentication enabled
  - Mobile device remote access
- Configuration wizard
  - Intuitive Graphical User Interface
  - LAN switch in panel
  - Connected VRF and BACnet devices are auto discovered
- User Management
  - Select from 4 User types
    - Admin, Manager, Operator, & User
  - Add new users
  - Manage existing users
  - Configure system access for user to systems, folders, devices, and points
    - Access levels: View Only, View and Control, & Hidden
- System Overview
  - Monitor/Control the status of your HVAC equipment
- Maintenance Tool Viewer
  - Data access for all the connected VRF system components
  - Remote and local user diagnostics tool
- Alarm Console
  - Add alarm thresholds to alert when a device is operating outside parameters
    - Alarm Types: Numeric range, Boolean, & Value
  - Create notification groups to email individuals when an alarm is generated
  - Manage the active and historical alarm database
- Scheduling Console
  - Create schedules to optimize unit operation
  - Manage existing schedules
  - Special event and Holiday scheduling
- Trend Builder
  - Build historical trends of points to visualize system performance over time
  - Cloud based data storage and access
  - File exporting
- Auto Changeover
  - Manage automatic switching between Heating and Cooling in heat pump applications
- Connect to 1 Centralized Controller and up to 50 CITY MULTI® indoor units
  - Control Points
    - On/Off
    - Mode
    - Set point
    - Air Direction (on ductless units)
    - Fan Speed
  - Monitor Only Points
    - Zone Temperature
    - All Maintenance Tool Data
    - Error Code

*Available Maintenance Tool data varies based on model type of equipment. Refer to "Maintenance Tool for MN converter & Centralized Controller" manual for available points and descriptions on MyLinkDrive.com.

- BACnet IP and/or MS/TP control integration
  - Up to 5 units of 3rd party equipment via installer configurable networks. *Three network ports are available for connecting BACnet IP devices to the included switch. To add up to two additional BACnet IP devices, a network switch is required (not included).
  - Each device may integrate up to 10 installer selectable points
- Hardwired I/O including an Alarm, Status, and Start/Stop for 8 Units
  - 8 Units Start/Stop points
    (Digital Output) Form A contacts, 24V at 0.5A
    *Requires field wiring to I/O Controller
  - 8 Units Status points
    (Digital Input) Dry contact, do not apply voltage
    *Requires field wiring to I/O Controller
  - 8 Units Alarm points (Digital Input) Dry contact, do not apply voltage

*Requires field wiring to I/O Controller

- COR IBR600B Series Cradlepoint
  - Cat5 internet connection port
    - Internet service provided by others
  - 4G access cellular connection
    - SIM card and cellular service provided by others

*Supported cellular providers are Verizon, AT&T, and T-Mobile, *Unlimited data plan required

- Environmental Specifications:
  - Operating Temperature 32 –104 °F (0 – 40 °C)
  - Storage Temperature 32 –158 °F (0 – 70 °C)
  - Relative Humidity Range 5 – 95% RH, non-condensing
  - Storage Temperature 32 –158 °F (0 – 70 °C)
  - Relative Humidity Range 5 – 95% RH, non-condensing

Specifications are subject to change without notice.

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BUILDING CONNECT+

ORDERING INFORMATION

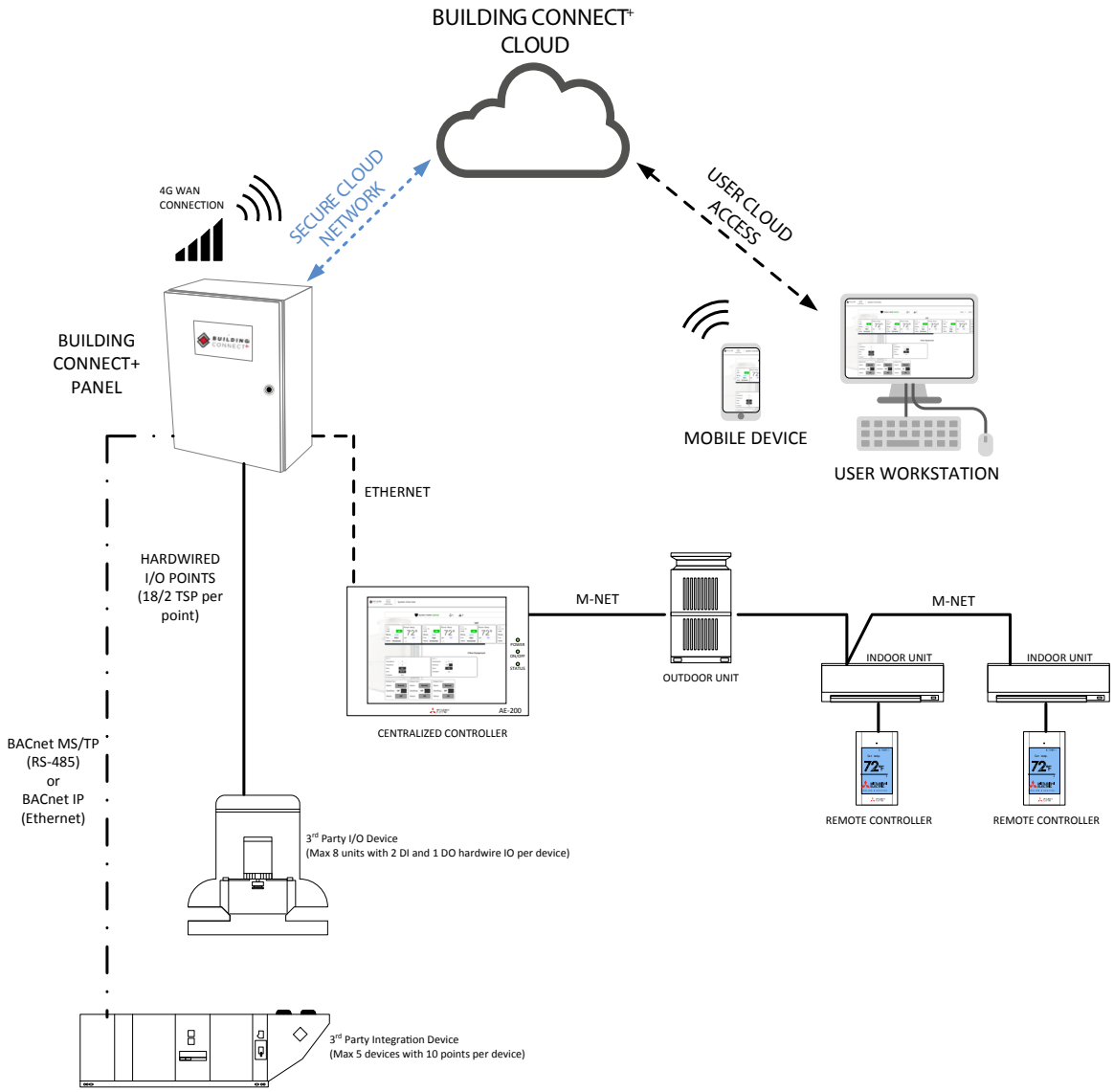
PART NUMBER	DESCRIPTION
BCP-50	CITY MULTI and BACnet Cloud Connected Integration Panel, user ready

Initial panel purchase includes the first year Building Connect+ cloud connection subscription. The subscription start date begins upon connection to the cloud. Notification of subscription expiration and renewal details will be sent to the account owner prior to the expiration date.

SUBSCRIPTION	# OF INDOOR UNITS	DESCRIPTION
BCP-CONNECT10	Up to 10	1 year complimentary subscription included
BCP-CONNECT50	Up to 50	1 year complimentary subscription included

For all sales and post -sales support requests including installation, start-up, other services, application questions, quote requests and pricing information, please call Mitsubishi Electric Trane US LLC at 800-433-4822 or email SolutionsSales@hvac.mea.com and someone will assist you.

SYSTEM EXAMPLE



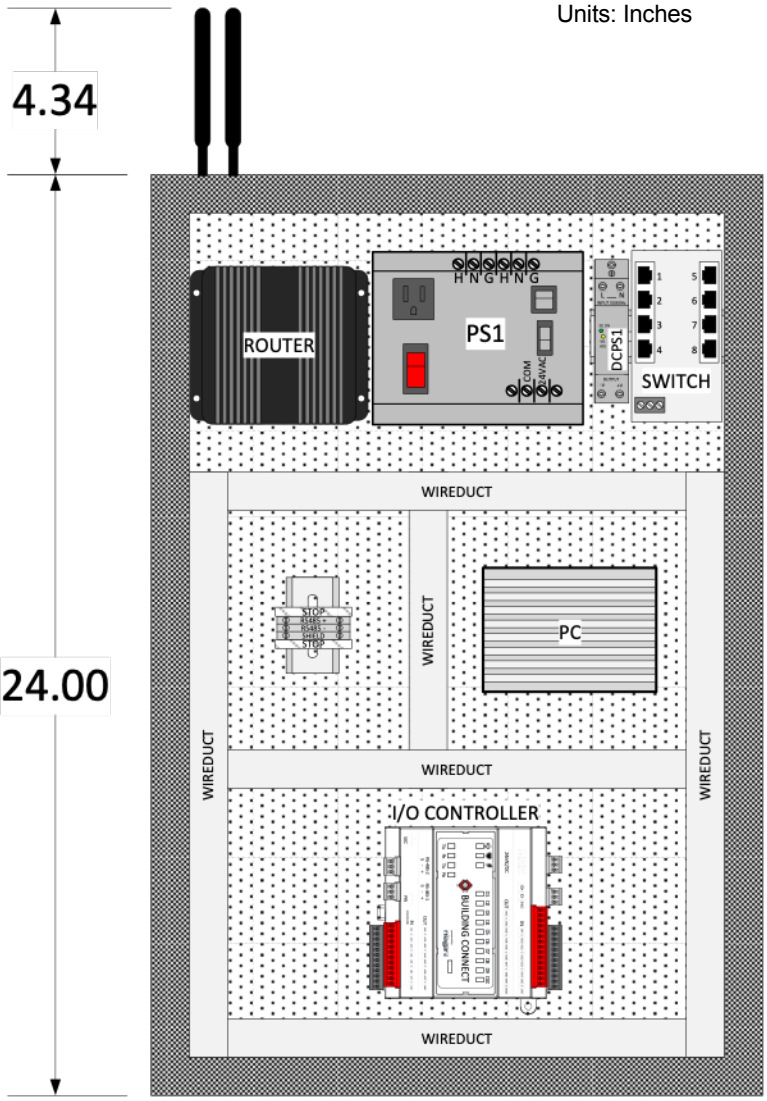
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BUILDING CONNECT+

PANEL LAYOUT

Units: Inches

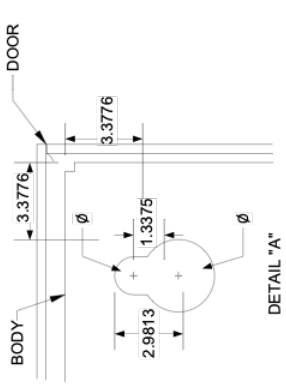


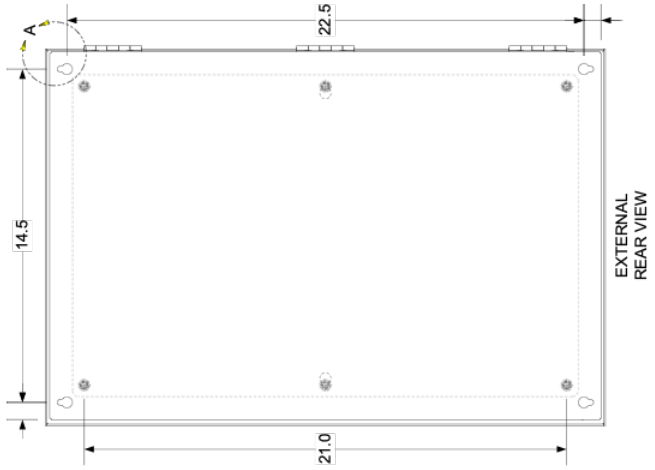
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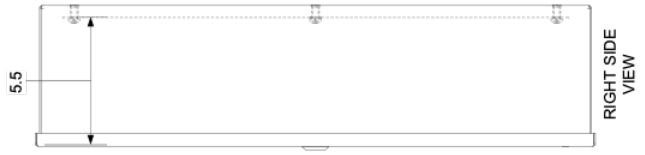
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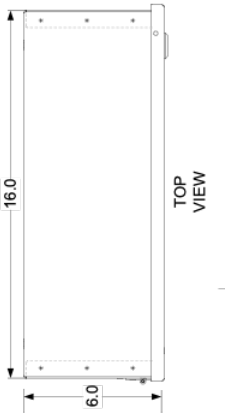
MOUNTING INFORMATION

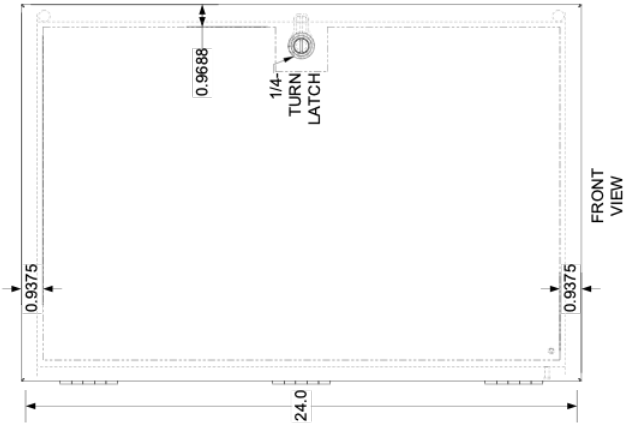
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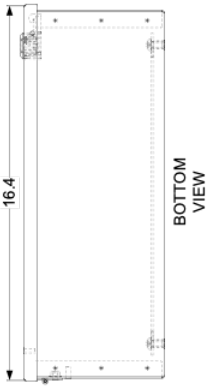


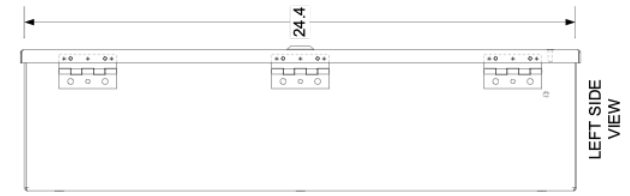












Rating	NEMA-1
Industry Standards- (IS8)	UL Listed Type 1, CSA Type 1, IEC 60529, IP30
Shipping Weight (includes all components)	45 lbs

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