



Alarm Rough-In Installation Instructions

Rough-in box can be installed between 16" on center standard studs. Knock out plugs are provided in the top and bottom of the box for routing of power wiring (120VAC or 220VAC), Ethernet CAT5 cable, or other necessary wiring.

DO NOT drill rough-in box.

1. Prepare rough wall opening large enough to accommodate alarm rough-in box. Alarm rough-in box must have rigid vertical members for support on both left and right sides. Power to alarm panel shall enter through bottom left or top left conduit hole in back box.
2. Remove cardboard dust cover and DISS tube assemblies (if included) insert alarm rough-in box into wall opening. Secure with fasteners suitable for vertical supports (Figure 1 and 2).

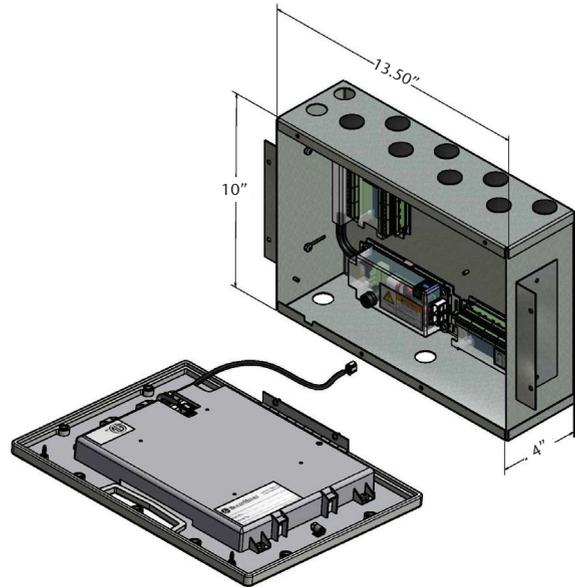


Figure 1: Alarm Panel Rough-In Box Dimensions

3. Mounting brackets on each side of rough-in box are adjustable and factory preset for 5/8" thick drywall. After drywall installation, front edge of back box should be flush with finished surface of wall. If needed, make any necessary bracket adjustments at this time (Figure 2).
4. Reinstall cardboard dust cover to prevent dust and debris from entering the rough-in.

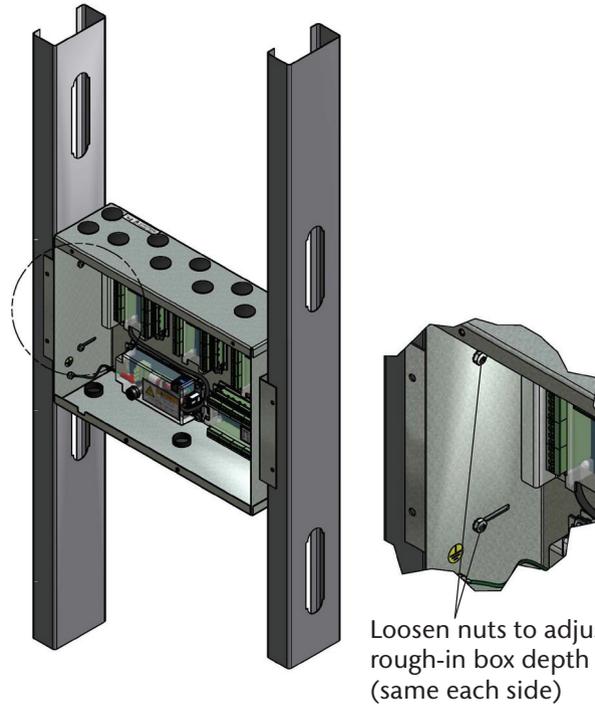


Figure 2: Mounting Bracket Adjustment

Gas Sensor Installation

Local Sensors:

1. Locate copper adapter tube(s) packaged inside the alarm rough-in box.
2. Install tube(s) into the top of the rough-in box through the holes provided. Notice the Gas ID labels and position appropriately for connection to the hospital piping. Apply Gas ID label provided with tube adapter to the inside of the rough-in to identify the ports after walls are closed in.
3. Braze copper adapter tube(s) to appropriate pressure/vacuum piping system drops (Figure 3). Braze connections per procedures required by NFPA 99 or CAN/CSA-Z305.1. Use appropriate measures to prevent overheating.
4. Be sure to remove all protective plastic caps and install the Gas Specific DISS check valve into the appropriate tube adapter.
5. Perform standing pressure test and cross connection tests as required by NFPA and CSA.

Remote Sensors:

1. Remote sensors can be installed onto the hospital pipeline or in a compatible BeaconMedæS Zone Valve box with Remote Sensor Kit 4107220361 (ordered separately; one kit req'd per sensor).
2. Braze copper adapter tube(s) to appropriate pressure/vacuum piping system connections (Figure 3).
3. Braze connections per procedures required by NFPA 99 or CAN/CSA-Z305.1.
4. Use appropriate measures to prevent overheating.
5. Be sure to remove all protective plastic caps and install the Gas Specific DISS check valve into the appropriate tube adapter.
6. Perform standing pressure test and cross connection tests as required by NFPA and CSA.

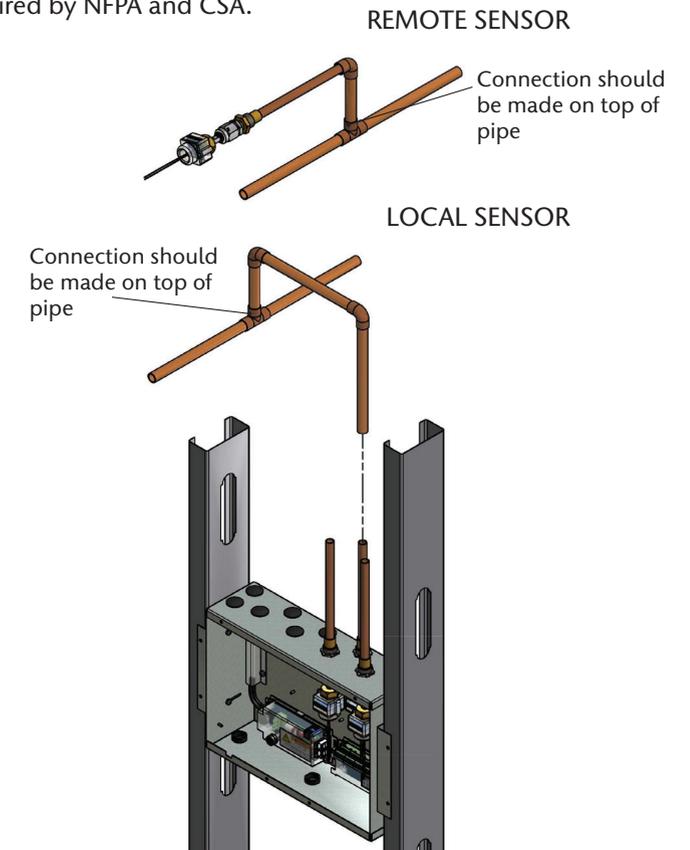


Figure 3: Sensor Pipeline Connection