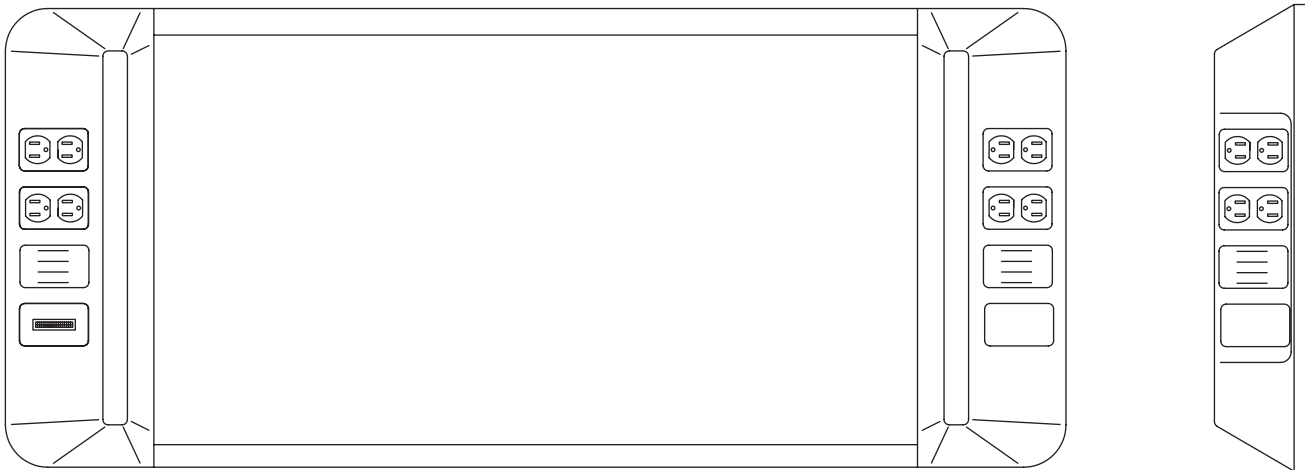


## general specification

The Amico Bed Locator shall be manufactured by Amico Corporation, in accordance with job specific shop drawings and documents. The complete Bed Locator assembly shall be cULus listed. The following is a general specification, and components listed may not be present or required in final product.



Figure 1. Amico Bed Locator System



The Amico Bed Locator System is listed by Underwriters Laboratories Inc.(UL) in Canada and the United States of America. This product also complies with the seismic requirements of, and is approved by the State of California's Office of Statewide Health Planning and Development (OSPHD). Amico Corporation manufactures all products in accordance with the National Electric Code (NEC).



**project**

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The installation contractor is responsible for compliance with all local, state, and federal codes applicable to the installation of medical gas and electrical systems.

## submittals and verifications

Job specific shop drawings shall be produced for each project. These shop drawings will clearly indicate the area of electrical terminations within the Bed Locator System. As Built drawings will be produced, and emailed at the time of shipment.

Amico Corporation will manufacture equipment as per signed approval drawings and verifications documents, which are provided in the job specific submittal package.

## materials and construction

Enclosure shall be constructed of a single piece vacuum molded high impact Kydex-T. Offered in standard color "Monterey" but is available in custom colors at an additional cost.

Amico's Bed Locator system comes in one standard size and shall protrude no more than 4-1/2" [114mm] from the wall. Height of the bed locator is 22" [559mm] and width is 50" [1270mm].

Each bed locator system shall hold up to four (4) electrical/communication devices on each side of the unit. It shall contain electrical raceways to enclose electrical wiring for each type of power (critical, normal & low voltage/communication).

### Electrical Wiring:

Wire for standard and critical branch power circuits shall be #10 or #12 (as specified) type THHN stranded copper wire, 600 volt, with heat resistant thermo-plastic insulation for hot (black) and neutral (white). Grounds shall be #10 type R THHN stranded copper wire (green). All ground conductors shall be installed in conduit.

### Grounding and Bonding:

All ground conductors shall be installed in conduit. Each power receptacle shall have a ground conductor connected to a grounding screw. A grounding bus will be installed in each raceway at the rough in location, and shall be installed as to insure grounding for the complete power system.

### Electrical Receptacles:

Shall be HUBBELL Hospital Grade 15 or 20 amp, 120 or 277 volt, U.L listed and marked Hospital Grade. Quantity and type as shown on drawings. Amico shall furnish and install receptacles with wiring required, as shown on submittal shop drawings. All receptacles shall be HUBBELL hospital grade receptacles. Electrical contractor shall insure compatibility of plug on accessory equipment to be used with these devices:

**Duplex receptacles** shall be NEMA style 5-15R or 5-20R, color Ivory for use on normal power circuits, and color Red for use on critical branch power circuits.

**Simplex receptacles** shall be NEMA style 5-15R or 5-20R, color Ivory for use on normal power circuits, and color Red for use on critical branch power circuits.

**Safety receptacles** (if required) shall be duplex type, be NEMA style 5-15R or 5-20R, color Ivory for use on normal power circuits, and color Red for use on critical branch power circuits. Receptacles shall limit proper access to energized contracts and shall accept both 2 wire and 3 wire plugs.

**Locking receptacles** (if required) shall be simplex type, 20 amp, 120 or 277 volt, color black, and be HUB-BELLlock 23000 HG style.

### **Low Voltage Data Provisions:**

Shall be connected to device junction box via conduit. Amico Corporation shall include pull cord extending from service provision to electrical termination point. Telephone jack, Blank faceplates, Data port or other Low Voltage device shall be furnished, installed and wired by Low Voltage contractor.

### **Lighting (optional):**

Direct and Indirect lighting can be provided by the Amico 3' or 4' Overbed lighting system. Two fluorescent fixtures and ballasts shall be located in the Overbed light enclosure. These fixtures provide lighting on and above the patient bed. Each fixture shall accommodate four (4) fluorescent bulbs (supplied by others).

## **installation**

Mounting and final connections are the responsibility of the installing contractor. This includes receiving, storage, erection, overhead bracing, clean up, touch up, and carton disposal. The contractor shall supply all necessary installation materials, including such items as tools, fasteners, calking and electrical lamps.

The electrical contractor shall be responsible for the final electrical hook-up at service connection locations, as well as interconnection wiring on multi-sectional units. Once the installation is complete, the electrical contractor shall test equipment function and high voltage services / grounding in accordance with local electrical code requirements. It is the responsibility of the hospital and/or the approval authority to notify Amico if Local electrical code varies or differs from that of NEC. Amico manufactures all products in accordance with NEC (current edition).

Please refer to the Bed Locator installation instructions for further detail.

## **product code definition**

**W-BED-LOCATOR** – Standard Monterey

**W-BED-LOC-BEI** – Beige (available at additional cost)

**W-BED-LOC-CUS** – Custom (available at additional cost)

represented by: