

## Specifications – LDRP wall

Amico Corporation shall manufacture the Amico Alert-2 LDRP, in accordance with these shop drawings and documents. The complete LDRP wall shall be UL listed.

### 1. Basic Construction

**Enclosure** shall be constructed of decorative laminate with treated wood. The unit shall be factory assembled to include mechanical and electrical components as shown on the plans and specifications and wired in accordance with Amico Corporation's shop drawings as herein indicated. Access panels shall be removable for access to individual components mounted within the console sections of the wall unit. The electrical contractor provides primary electrical conduit runs to the unit. All terminations shall be in the wall compartments. All secondary wiring within the wall unit enclosure shall be enclosed in fixed wiring raceways and conduits. All wiring shall be marked, color-coded and tie wrapped to facilitate easy circuit identification.

Removable panels shall be finished with high-pressure plastic laminate on the outside face. The panel allows users to access services, hook ups, and easier upgrades. The hospital or architect can select from Amico standard color selections for the plastic laminate.

### 2. Components

**Medical gas station outlets.** Medical gas outlets shall be as indicated in plans and specifications. Amico Corporation will factory install all outlets, manifolded and tested in accordance with the outlet manufacturer's requirements. Each outlet, piping and manifold shall be pressure tested for 24 hours. The mechanical contractor will bring the primary supply lines of the medical gases to the singular terminal connections at locations shown on the drawings.

**Power outlets.** Receptacles shall be the type and quantity as shown on the drawings and specifications. Unless otherwise noted 2 poles, 3

wires, rated at 20 amperes, 120 Volt, Hospital Grade shall be provided.

**IV Hooks.** Are stored out of the way for ease of accessibility.

**Sphygmomanometer.** Shall be included with the head wall if specified and installed by the contractor. The unit shall be supplied with basket and mounting hardware.

**Vacuum Bottle Slide.** Shall be a 4 inch anodized aluminum device with bottom stop. It shall be installed on the wall as specified on drawings.

**Internal ground bus.** A ground bus shall be included with a minimum of #6-screw type. The ground bus assembly shall also provide a positive means for grounding the wall.

**Switches.** Shall be as shown on drawings, 120 VAC 20 Amp "Specification" Grade.

**Grounding jacks.** Externally accessible grounding jacks shall be provided in the LDRP wall unit, as shown in the shop drawings. The solid brass receptacle shall be enclosed in a non-conductive housing, shall be spring-loaded and shall be manufactured to the requirements of NFPA 99.

**Lighting fixture.** The indirect light provides a soft warmth feeling in the room. The direct light will provide an abundant source of lighting. Amico Corporation does not provide lamps. Light can be switched thru Amico Low Voltage Controller if required.

### 3. Provisions

**Nurse call equipment.** Shall be furnished and installed by others as indicated in the plans and specifications. Amico Corporation shall provide a labeled pull cord for use by the nurse call installer.

**Code Blue.** Equipment shall be furnished and installed by others as indicated in the plans and

specifications. Amico Corporation shall provide a labeled pull cord for use by contractor.

**Telephone Provisions.** Shall include a ½” conduit with “Pull-cord” to junction box. Telephone Jack shall be installed and wired by contractor or local telephone company.

#### 4. Accessories

**Accessories** shall be provided in the quantities and types as shown in the submittal. Others shall install accessories in the locations as determined by the end user.

#### 5. Installation

**Mounting** of the product shall be the responsibility of the installing contractor. This includes receiving, storage, erection, bracing, clean up, touch up, carton disposal etc. This contractor shall supply all necessary installation material including such items as tools, fasteners, caulking and electric lamps not supplied by Amico Corporation.

**The electrical contractor** shall be responsible for all electrical hook-up at service connection locations plus interconnect wiring on multi-section units. After the installation is complete the electrical contractor shall test equipment function plus electrical receptacles and grounding in accordance with local electrical code requirements.

**The medical gas contractor** shall be responsible for piping and hook-up of all medical gas services. In addition, hook-up of piping between sections on multi-section units shall be the responsibility of this contractor. The medical gas contractor shall be responsible for purging, pressure testing, gas identification and system certification in accordance with NFPA 99 or CSA-Z305.1.

**Accessory items** shall be installed in accordance with the manufacturer’s instructions and shall be the responsibility of this section. The installation shall take place under the direction of the hospital.

*Note: All Specifications are nominal and subject to change without notice.*