

RESUSCITATION ARMOIRE basic unit shall be manufactured by Hospital Systems, Inc., Pittsburg CA 94565 USA, in accordance with shop drawings and documents. The following is a general specification, and components listed may not be present or required in final product.

The RESUSCITATION ARMOIRE complies with the seismic requirements of the State of California's Office of Statewide Health Planning and Development (OSPHD). HSI manufactures all products in accordance with the National Fire Protection Association (NFPA), NFPA-99 (current edition) and National Electric Code (NEC).

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

1. Submittals and Approvals

Job specific shop drawings shall be produced for each project. These shop drawings will clearly indicate the area of Medical Gas termination, and electrical connection points inside or outside the RESUSCITATION ARMOIRE. Drawings of Record will be produced, and emailed at the time of shipment, on request.

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

2. Basic Construction

RESUSCITATION ARMOIRE shall be constructed of plywood and Spectrum Duracore™ finished with high impact plastic laminate to provide a free-standing cabinetry unit. Unit shall be factory assembled to include mechanical and electrical components as shown on the plans and specifications, and wired in accordance with HSI shop drawings. Device cover plates shall be constructed of clear anodized aluminum. Primary electrical conduit runs to the wall unit are provided by the electrical contractor and shall be accommodated by a terminal enclosure furnished by HSI. The color of the laminate shall be selected by the hospital or architect from HSI standard colors.

RESUSCITATION ARMOIRE shall include flush-mounted service connection unit. Connection unit enclosure shall be of powder coated steel and shall be mounted within the building wall to provide medical gas service connections to the RESUSCITATION ARMOIRE.

3. Components

A. Electrical

INTERNAL GROUND BUS

A ground bus shall be included.

100% USA Manufactured

Union Made

12 Year Product Warranty

All specifications are nominal and subject to change without notice. HSI makes no warranty, expressed or implied, except for the express written warranty extended on the sale of its products.

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3. Components Cont.

ELECTRICAL RECEPTACLES

Receptacles shall be the type and quantity as shown on the drawings and specified. Unless otherwise noted 2 pole, 3 wire, rated at 20 amps, 120 Volt, Hospital Grade shall be provided.

Also available: BS, DIN, and others.

- **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 contacts.

GROUNDING JACKS

Externally accessible grounding jacks shall be provided in the RESUSCITATION ARMOIRE as shown in the shop drawings. The solid brass receptacle shall be enclosed in a non-conductive housing and shall be spring loaded, with a twist-to-lock action and shall be manufactured to the requirements of NEC article 517, and NFPA 99.

SWITCHING

Switches shall be Industrial Grade 120/ 277 volt, 15 or 20 amps. Switch type options include SPST, 3-Way or Momentary, and shall be provided as shown on submittal shop drawings. Low Voltage Switching will be 0-12 volts, 15 amps unless otherwise noted. HSI shall furnish, pre-install and wire all switches.

INFANT WARMER

Infant warmers shall be manufactured by Drager.

B. Med Gas

MEDICAL GAS PIPING

Oxygen, vacuum and medical air outlets shall be as indicated in plans and specifications. All outlets will be installed by HSI at the factory, manifolded and tested in accordance with NFPA 99c. All Medical Gas piping shall be Type L copper pipe. The mechanical contractor will bring the primary supply lines of the medical gases to the singular terminal connections at locations shown on the drawings.

C. Provisions

NURSE CALL EQUIPMENT

All nurse call equipment shall be furnished and installed by others as indicated in the plans and specifications. A labeled pull-cord shall be provided by HSI for use by the nurse call installer.

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3. Components Cont.

MONITORING EQUIPMENT

Monitor equipment shall be provided and installed by others. HSI shall provide a matching blank plate for the monitor receptacle to the monitor supplier when requested. The RESUSCITATION ARMOIRE will include a factory installed raceway and labeled pull cord to accommodate the monitor wiring. Where specified a monitor slide and optional pivot/tilt arm shall be provided to support the physiological monitor.

COMPUTER INTERCONNECT

A computer system furnished by others shall be installed at locations as shown on the plans and specifications. HSI shall provide a matching blankplate for the computer jack when requested. The RESUSCITATION ARMOIRE will include a factory installed raceway and labeled pull cord to accommodate the computer system wiring.

D. Integrated Accessory Rails

The RESUSCITATION ARMOIRE includes vertical accessory rail. The accessory rails are clear etched anodized.

ECLIPSE HORIZONTAL RAIL

Eclipse™ Accessories shall be provided in the quantities and types as shown in the submittal. Eclipse accessories shall be installed by others in the locations as determined by the end user group. Eclipse accessories shall be attached using Eclipse brackets.

4. Installation

HSI shall supply services connection unit. Contractor is to provide a framed area in the building wall to accommodate the connection unit. Mounting hardware is to be furnished by the installer or contractor. The installer or contractor shall install the connection unit and make all primary med gas and electrical connections to connection unit. Contractor shall also make connections between wall connection unit and RESUSCITATION ARMOIRE. Instructions shall be furnished by HSI Customer shall coordinate with Hospital Systems, Inc for equipment supplied by others to ensure compatibility of this equipment with the headwall. The installer or contractor shall provide primary connections to the medical gas system in the access area of headwall unit as detailed on drawings. It shall be the responsibility of the mechanical contractor to perform and certify all pressure tests as required by NFPA 99c, and to install the gas outlet finishing assemblies. Please refer to the installation instructions for further details.

5. Ordering Information

All HSI headwalls are Build-to-Order and will be assigned their own unique model numbers during the submittal phase.

Please visit our website at www.HSIheadwalls.com for the contact information of your local sales representative

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