HSI Hospital Systems

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HSIheadwalls.com

Hidden Headwall

Discreet Headwall

100% USA Manufactured

12 Year Product Warranty

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

HIDDEN HEADWALL 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 HIDDEN HEADWALL is listed by Underwriters Laboratories Inc. (UL) in Canada and the United States of America. This product also 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 HIDDEN HEADWALL. Drawings of Record will be produced, and emailed at the time of shipment, upon 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

Enclosure shall be constructed of powder coated steel (for swivel gas units) or an Axiom (for fixed gas units) constructed of extruded, heat-treated, anodized aluminum sections to provide a recessed unit with removable fascias for access to individual components mounted within the console sections of the AXIOM. Unit shall include left- or right-opening sliding door which shall accept owner-provided or approved artwork and frame. 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.

3. Components

A. Electrical

WIRING Wire for standard and critical branch power circuits shall be #12 AWG THHN stranded copper wire, 600 volt, with heat resistant thermoplastic insulation for hot (black) and neutral (white). Grounds shall be #10 AWG stranded copper wire (green). All ground conductors shall be installed in conduit.

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.

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 and pre-install all switches.

B. Med Gas

MEDICAL GAS PIPING

Oxygen, vacuum, medical air, evacuation, and nitrous oxide outlets shall be as indicated in plans and specifications. All outlets will be installed by HSI at the factory 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 at locations shown on the drawings.

MEDICAL GAS OUTLETS

HIDDEN HEADWALL unit shall have between 3 and 5 gas outlets, either fixed or swivel type. Fixed gas outlets shall be HSI standard outlets unless otherwise specified. Swivel gas outlets may include flowmeters or

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vacuum regulators if specified, provided by HSI.

4. 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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