**HORIZON** 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 HORIZON 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-99C (current edition) and the 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. Basic Construction**

HORIZON chassis and front door shall be constructed of clear anodized aluminum extrusion. End caps shall be die cast; upper and lower lenses shall be of non-yellowing acrylic plastic.

Front door shall include high pressure plastic laminate, color to be chosen by owner from HSI, standard colors.

**2. Components**

**BALLASTS**

Ballasts shall be Rapid Start High Efficiency Electronic Ballasts. Ballasts shall be compatible with T8 lamps and support parallel lamp operation. Lamps are provided by others.

**MICROSWITCH [HORIZON-10 ONLY]**

HORIZON-10 shall include internal microswitch which shall be wired to bed-only electrical receptacle. This switch shall open if pressure is exerted on the light, de-energizing the bed-only receptacle and stopping the bed motor. Installer or contractor shall be responsible for wiring connection between bed-only receptacle and microswitch.

**LOW VOLTAGE CONTROLLER [OPTIONAL]**

Low voltage controller, when specified, shall be a solid-state, dual channel switch to control both incandescent and fluorescent lights. Low voltage controller shall be able to be wired as two separate channels or as a four-position switch.

**NIGHT LIGHTS [OPTIONAL]**

Night light enclosure shall be of extruded aluminum, Night light shall include 120 or 220 V lamp, assembly, and louvered aluminum cover plate. Night light may be continuous, integral or remote switching.
2. Components Cont.

**ELECTRICAL RECEPTACLES** [OPTIONAL]
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.

3. Installation
Installer or contractor shall mount light to wall and make all primary electrical connections.

4. Ordering Information
Please visit our website at [www.HSIheadwalls.com](http://www.HSIheadwalls.com) for options available and the contact information of your local sales representative.