

## Flatwall Headwall

Electrical | Communications | Gases | Accessories

### SPECIFICATIONS

Class 1 Flatwall Headwall, complete with access panels, horizontal gas and communication channels, sized according to detail drawings.

**Frame:** Heavy gauge 6063-T5 extruded aluminum alloy frame complete with satin clear anodized finish. Minimum 16 gauge steel backing plate, suitable for mounting. Components assembled into a single, rigid wall mount structure by means of machine screws. All reinforcing and fastening devices to be concealed.

**Gas and Communications Compartment(s):** Steel barriers in backbox to separate electrical services, communications devices and medical gas outlets where required. Easy access finish fascia to include die-cut knockouts as required to mount all devices indicated on the drawings. Blank fascia knockouts to include an aluminum coverplate.

**Electrical Mounts:** Two horizontal panels to provide mounting of electrical and other devices at 90° to the finished wall surface. Each panel to feature die-cut device knockouts and to include two integral equipment mounting channels, complete with machine screws as required for additional load support. Electrical devices to be mounted to the panels in standard electrical backboxes.

**Electrical Compartment(s):** Satin-coat steel barriers in backbox to separate electrical services, communications devices and add-on accessories where required. Easy access finish fascia to include die-cut knockouts as required to mount all devices indicated on the drawings. Blank fascia knockouts to include an aluminum coverplate.

**Decorative Access Panels:** Quick access panels requiring no special tools for removal. 12mm laminate panels complete with high density flame retardant particle board core, laminate backing and finished surface of high impact, stain and chemical resistant, high pressure plastic laminate selected from manufacturer's (Formica or Wilsonart) standard colour and texture range. [Optional: Nevamar available at additional cost.]

**Medical Gas Piping:** Factory installed, degreased Type L hard copper pipe, from each terminal unit to a point 6" above the headwall. Piping to be labeled per CSA Z7396.1 and NFPA 99, and capped for cleanliness.

**Medical Gas Outlets:** Class 1 Inc. factory cleaned and tested, gas specific, non-interchangeable M57 or F57 series DISS medical gas terminal units, serviceable without removal of the nameplate or gas specific components, complete with CSA Z305.1 or NFPA 99 Certification.

**Electrical Wiring:** All 125V electrical devices to be factory pre-wired in EMT conduit to a terminal compartment located in two easy access compartments at the top of the headwall. Compartment to be complete with labeled terminal strips, steel barriers to separate electrical services, and an aluminum ground bus complete with wiring terminals. Wiring to each 125V device to include one black and one white #12 RW90 or THHN stranded copper wire and one green #10 RW90 or THHN stranded copper ground wire. Provision for low voltage devices, including Nurse Call, Code Blue, monitors, telephone, data, and cable to include empty conduit complete with pull-string, between terminal compartment and device location.

**Low Voltage Wiring:** Provision for low voltage devices, including Nurse Call, Code Blue, monitors, telephone, data, and cable to include empty conduit complete with pull-string, between terminal compartment and device location.

**Electrical Receptacles:** Grade, 15A or 20A, 120V or 125V, 3-wire, U-ground, EEMAC 5-20R, 8200 or 8300 series duplex receptacles, colored ivory for normal power, and red for emergency power.

**Light Switches:** CSA certified or UL Listed, Hospital Grade, 20A, 125V, SPST or 3-way as required, quiet action toggle type, colored ivory for normal power, and red for emergency power.

