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NeoAngle Headwall

- ✓ Electrical
- ✓ Gases

- ✓ Communications
- ✓ Accessories

Specifications

Class 1 NeoAngle Headwall, complete with access panels, horizontal gas and communications consoles, vertical electrical compartments with integral equipment mounting tracks, and sized according to the detail drawings.

Frame: Heavy gauge 6063-T5 extruded aluminum alloy frame complete with clear satin 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 aluminium coverplate.

Electrical Compartments: Two snap-fit, easy access, full length integral raceways to provide mounting of electrical and other devices at 45° to the finished wall surface. Front panel to feature die-cut device knockouts and to include an integral equipment mounting channel, complete with machine screws as required for additional load support. Electrical devices to be mounted to the back panel on 16 ga. satin coat steel brackets. Electrical power types to be separated by steel barriers or conduit where required.

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 standard or custom color and texture range.

Accessory Mounting Rail (optional): Track-mounted, removable, heavy-duty, extruded aluminum rail designed for supporting medical equipment with a variety of quick release cam-action adaptors. Mounting design to allow a variety of positioning and repositioning options.

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 labelled per CSA Z305.1, and capped for cleanliness.

Medical Gas Outlets: Class 1 Inc. factory cleaned and tested, gas specific, non-interchangeable M57 series DISS medical gas terminal units, serviceable without removal of the nameplate or gas specific components, complete with CSA Z305.5 Certification.



Electrical Wiring: All 115V electrical devices to be factory prewired in designated side raceways to a terminal compartment located in two snap-fit, easy access compartments at the top of the headwall. Compartment to be complete with labelled terminal strips, steel barriers to separate electrical services, and an aluminum ground bus complete with wiring terminals. Wiring to each 115V device to include one black and one white #12 AWG RW90XL stranded copper wire and one green #10 AWG RW90XL stranded copper ground wire. Provision for low voltage devices, including Nurse Call, Code Blue, monitors, telephone, data, and cable to include empty raceway, complete with pull-string, between terminal compartment and device location.

Electrical Receptacles: CSA certified or UL Listed, Hospital Grade, 15A, 125V, 3-wire, U-ground, EEMAC 5-15R, 8200 series duplex receptacles, coloured ivory for normal power, and red for emergency power.

Light Switches: CSA certified, Specification Grade, 15A, 125V, SPST or 3-way as required, quiet action toggle type, coloured ivory for normal power, and red for emergency power.

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