Patient Service Console
PSC-SCC

BeaconMedaes recessed Patient Service Consoles, sized to accommodate the electrical and gas services specified.

Frame and Backbox

Fabricated 16 gauge satin-coat steel backbox complete with pre-punched top, bottom & rear ½" x ¾" conduit knockouts, ground screw ports, and barrier mounts spaced 60mm on centre. Electrical service barriers of 16 gauge steel to be provided to separate electrical devices of different voltage or supply, and to separate medical gases from electrical compartments. Backbox to include adjustable universal side mounting brackets suitable for fastening to steel studs or other surfaces at rough-in.

Finish Fascia

6063-T5 extruded aluminum alloy complete with clear satin anodized finish. Finish trim to include matching decorative rounded endplates.

Optional Fascia Finishes:

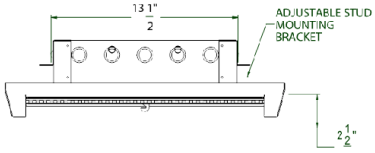
1. Powder coat finish, available in 200 standard colours.
2. ½" machined and polished Corian, available in 92 colours and textures.

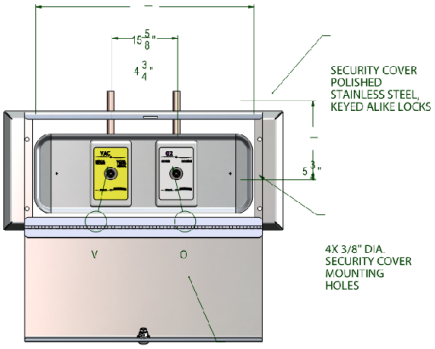
Security Door Frame

Assembly shall be constructed of stainless steel and shall be mounted to the wall by standard screws. The door assembly shall be manufactured from stainless steel and attached to the frame with a stainless steel hinge. Access to the console shall be by opening the stainless steel door by means of a lock and key.

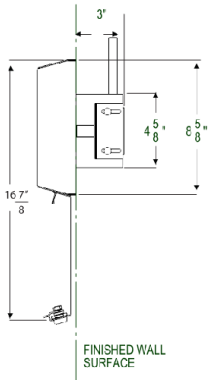
Unit to be complete with 16ga steel security console cover-flush mounted with hinged door and keyed alike locks. Access to console shall be by opening the stainless door.

Note: *Exact dimensions are to be determined by the customer. All consoles and covers are custom made to customer requirements.*





SECURITY COVER SHOWN OPEN



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1. Headwall Unit – Recessed Patient Service Console w/ Security Feature

a. Headwall Unit Construction Features

- Units shall be fabricated 16 gauge stain-coat steel back-box complete with pre-punched top, bottom & rear ½" x ¾" conduit knockouts, ground screw ports, and barrier mounts spaced 60mm on centre
- Steel barriers in back-box to separate electrical services, communications devices, and medical gas outlets where applicable
- Back-box to include adjustable universal side mounting brackets suitable for fastening to steel studs or other surfaces at rough-in
- Easy access finish fascia to include die-cut knockouts as required to mount all devices required. Blank fascia knockouts to include a coverplate.
- Finish fascia to be 6063-T5 extruded aluminum alloy complete with clear satin anodized finish
- Finish trim to include matching decorative rounded end-plates
- Unit to be complete with 16ga steel Security Console cover – flush mounted with hinged door and keyed alike locks. Access to console shall be by opening the stainless door.

b. Electrical Components

- Receptacles and switches to be in accordance with Section _____ Wiring Devices
- Receptacles shall be Hubbell/Pass & Seymour Brand 20A Nema 5-20R 8300 series Hospital Grade type – Ivory for normal power, red if connected to emergency power
- Provision for Nurse Call System and communication devices and wiring.
  1. *All Nurse Call, code devices are to be supplied, installed, wired and tested onsite by Div. 16/26 Electrical Contractor*
- All communications outlets for telephone, data, monitoring systems will be supplied, installed, wired, and tested onsite by others.

c. Medical Gas Outlets

- Factory supplied and installed by headwall manufacturer
- Degreased, type L hard copper pipe to extend from each terminal unit to a common access point for onsite connection by Medical Gas Contractor
- Piping to be labelled as per CSA Z7396.1-09/NFPA99 and capped for cleanliness
- Medical Gas Outlets to be serviceable without removal of the nameplate or gas specific components and to be complete with CSA Z7396.1-09/NFPA99 certification
- Medical gas outlets shall be BeaconMedaes XM57 series DISS medical gas terminal units

2. Standard of Acceptance: BeaconMedaes Model #PSC2-SCC – Recessed Horizontal Console w/ locking security cover

3. Execution

a. Installation

- Provide headwall units as shown and as specified
- Locate headwall units as detailed on arch/mech/elec drawings
- Verify final overall height prior to ordering
- Fasten units to wall in accordance with the recommendations of the manufacturer
- Coordinate the nurse call space requirements with the equipment supplier
- Co-ordinate the telephone, data, and monitoring system requirements with Division 16/26
- Provide and field install in the units the indicated/required nurse call stations, code stations etc..., each in accordance with the requirements of the applicable specification section. Provide all conduit, boxes and wiring within the units for these devices
- Connect wiring from the unit to the required electrical services such as receptacles, light switches.
- Provide a separate #10 green ground conductor for each normal and for each emergency outing installed in the same conduit which supplied the circuit conductors to the ground bars of the respective panels supplying the outlets.
- Provide and install plastic lamacoid circuit identification labels for each receptacle,
- All testing for wiring and electrical devices is to be included as part of the work of Division 16/26
- Installation of medical gas piping unto the unit will be by Division 15/22. Medical gas piping internal to the unit will be factory installed and pre-tested by the headwall manufacturer. Testing of the overall medical gas installation is part of the work of the Division 15/22 Contractor

Life is in the details.®