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Medical Gas Systems



Supply unit ICU for intensive care and recovery

Intensive care areas are characterized by a particularly high degree of technical innovation. More complex requirements must be met to satisfy various demands.

ICU supply unit offers tailor-made solutions for all intensive care and recovery areas, with all the necessary installation for lighting, for electrical and communications equipment and with medical gases and vacuum.

ICU supply unit consists of three separated components:

- Lighting supply unit
- Medical supply unit
- Equipment support rail

The illumination unit is manufactured of a special extruded smooth aluminum profile 110x163mm with screw less covering panels (click-off system), stove enameled or anodized, to the total length of 7000mm and contains two totally independent accessible ducts. One for general illumination with one or two fluorescent lamps of 36W or 58W/220V and one for the direct reading and examination light with fluorescent lamp 18W/220V.



CE 0653

All lights are provided with anodized aluminum mirror reflectors and are protected by polycarbonate covers.

The lighting unit is suitable for wall mounting and wall to wall in any length as one unit serving more than one bed and it is ready to install.

The medical supply unit is manufactured of a special extruded smooth aluminum profile 216x100mm with screw less covering panels (click-off system), stove enameled or anodized, to the total length of 7000mm and is designated to group all the electrical and medical gases services required in intensive care areas.

The medical supply unit contains two totally independent accessible ducts, one for the electrical equipment and one for the supply of medical gases.

The duct of electrical equipment includes one low voltage duct set and one power mains duct set. A colored aluminum stripe is visually separating the electrical and medical compartments.



The medical supply unit is suitable for wall mounting and wall to wall in any length as one unit serving more than one bed and it is ready to install and it includes, according to requirements, the necessary facilities, low and high voltage components, data/communication and as well as equipment for the supply of medical gases and vacuum.

The unit can be equipped with any desirable type of electrical and medical gases outlets. The complete wiring as well as the gas pipes has one central point, which can be fed from the rear or from the side.

The appliance carrier is made of extruded aluminum, or inox profile finely ground stain less steel dimensioned 25 x 10 mm and can be separately attached to the wall lower to the medical supply unit or firmly fixed to the supply unit, suitable for accommodation of medical equipments and saves.

All the units are supplied in a white standard color RAL 9016. In option, any other color of the RAL scale can be supplied too.

ICU supply unit can be adapted to the medical requirements. It is suitable for wall mounting or can be suspended for special purposes.

Suspension element (100x50mm) houses the supply cable and medical gas tubes.

ICU supply unit is manufactured and tested in accordance with the standards IEC 601-1, EN 60601-1.

All units are labeled CE 0653 to guarantee a high level of safety for patients and personnel.

