

**CLINIQON HC**  
LEADING INNOVATIONS



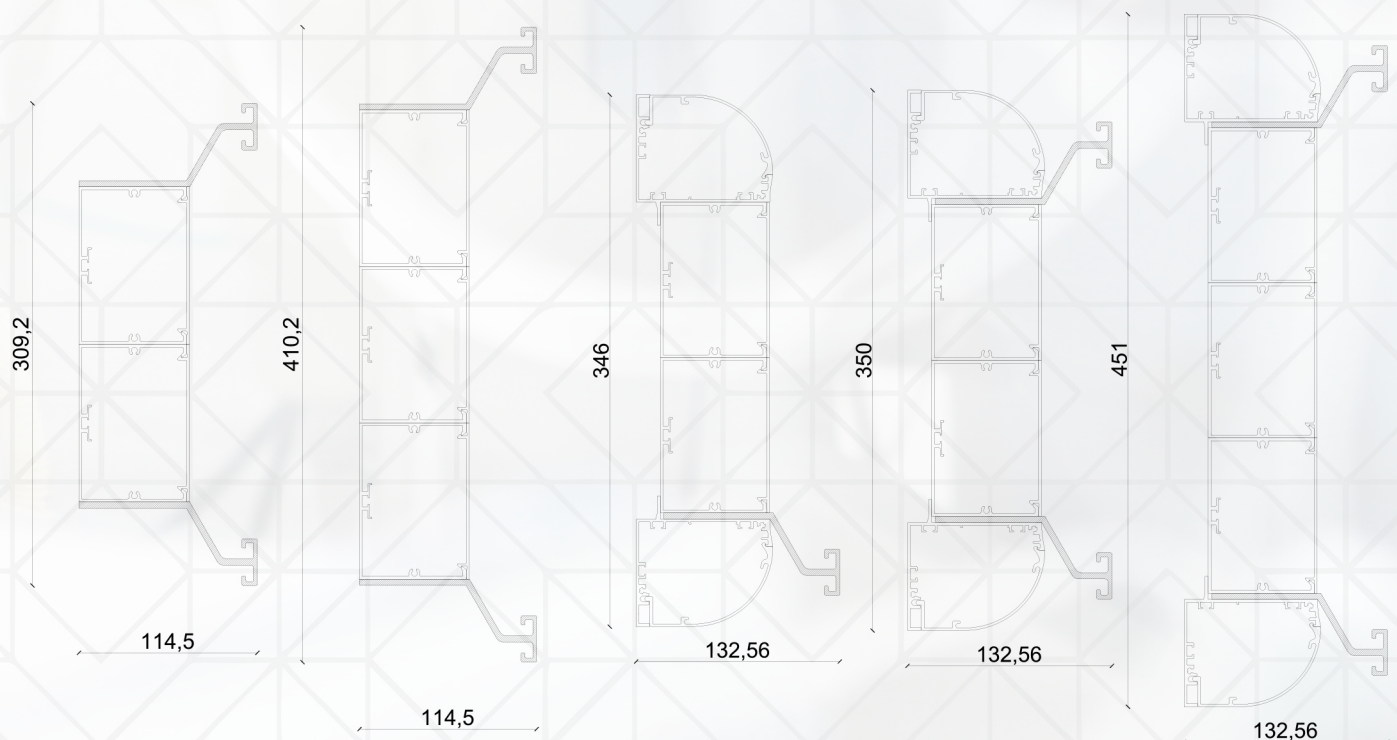
**Intensive Care Unit**  
MGS-CL 501

## DESCRIPTION

Intensive care units are systems that contain privileged and technological electricity and gas systems aimed at the recovery of patients with serious health problems. They are designed in different forms according to the physical conditions of the hospital and the medical necessities required.

## STRUCTURAL FEATURES

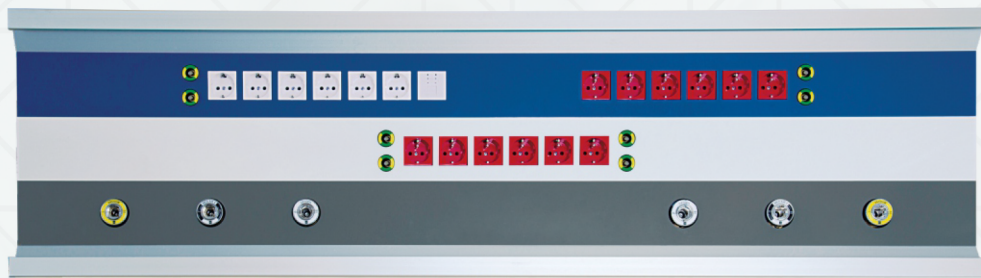
- The sheath is made up of extruded aluminum profiles with 3 compartments which receive strong currents separately, weak currents and medical fluids.
- The profile is made of thick aluminum, electro-statically painted or anodized with rounded edges limiting the stagnation of dust and air bacteria.
- One of the main advantages of this profile is that it combines functionality and aesthetics.
- Any structure can be assembled and disassembled quickly and easily, even without special tools or skills.
- Finally, each profile is reusable and can be adjusted to form a new structure depending on the customer needs.
- Horizontal models can be design as vertical models with same specifications.
- All ICU Models have advantage of ceiling mounting by durable metal tubes.







Material	: Aluminum
Length for Horizontal Models	: 800 mm: 6000 mm
Accessory Rail	: W: 10 mm H:30 mm
Horizontal Standard ICU	: W: 309.2 mm H: 114.5 mm Weight: 15 kg (w/o gas outlets)
Vertical ICU 3 channels	: W: 443.0 mm D: 89 mm
Column Type ICU	: W: 400 mm H:200 mm L: 750: 3000 mm
Ceiling Type ICU- Body	: W: 400 mm H:200 mm L: 750: 3000 mm
Permissible Carrying Capacity	: Max. 25 kg/m
Body Color: RAL Catalogue Colors	: Front Panel Color: RAL Catalogue Colors



## ELECTRICAL FEATURES

Electrical equipment of units are antibacterial and complies with international standards and its flush mounting promotes cleaning and disinfection of the product.

Mains Frequency	: 50/60 Hz
Mains Voltage	: 110/220V
Mains Frequency	: 50/60 Hz
Protection Class	: IP20
Nominal Current	: Max. 16 A Per Circuit
Max. Number of Circuits	: Max. 2 Circuits of 6 Sockets Each
Maximum Number of Electrical Sockets	: 12 Each (Per Patient)
Maximum Number of Electrical Pins (UPS)	: 12 Each (Per Patient)
Electrical Socket Type	: Schuko Main, Schuko UPS (Grounded), „BS Universal
Direct/Reading Light	: 8W 600 mm T8 LED Tube 6500K 800lm
Direct/Reading Light	: 9W 600 mm T8 LED Tube 6500K 900lm
Direct/Reading Light	: 18W 600 mm Fluorescent
Indirect/Room Light	: 16W 1200 mm T8 LED Tube 6500K 1600lm
Indirect/Room Light	: 18W 1200 mm T8 LED Tube 6500K 1600lm
Indirect/Room Light	: 36W 1200 mm Fluorescent
Indirect/Room Light	: 54W 1500 mm T5 Fluorescent

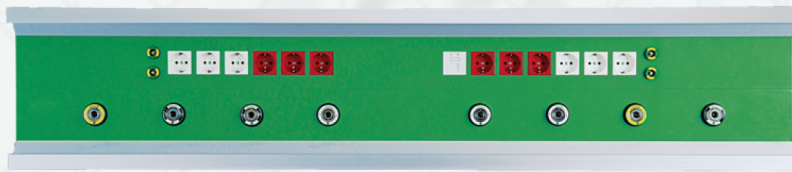


## STANDARD CONTENT

• Oxygen Gas Outlet Housing	2 qty.
• Medical Air4 Gas Outlet Housing	2 qty.
• Vacuum Gas Outlet Housing	2 qty.
• Electrical Socket Main Schuko	6 qty.
• Electrical Socket UPS Schuko	6 qty.
• Data Socket Cover	1 qty.
• Accessory Rail	2 qty.
• Grounding Node	4 qty.

### Optional

- Indirect / Room Light 9 W LED 60 cm
- Direct / Reading Light 18 W LED 120 cm
- Lamp Switch Double
- Nurse Call Provision
- The accessories can be used with unit:  
IV Pole, Monitor Stand, Device Basket, Catheter Jar, Vacuum Jar



## CERTIFICATION PROPERTIES

The products are CE marked and produced according to medical device director 93/42/EEC ANNEX II  
Its manufacture complies with harmonized standards:

### General medical

- EN ISO 13485:2012 : Medical devices - Quality management systems - Requirements for regulatory purposes
- EN ISO 15223-1 : 2016
- EN ISO 14971 :2012 : Medical devices. Application of risk management to medical devices
- EN 1041 :2008 : Information supplied by the manufacturer of medical devices
- EN ISO 15001:2011 : Anaesthetic and respiratory equipment. Compatibility with oxygen
- EN 62366 :2008 : Medical devices. Application of usability engineering to medical devices.
- EN ISO 11197 :2016 : Medical supply units.

### Medical gas pipeline

- EN ISO 7396-1 :2016 : Medical gas pipeline systems — Part 1: Pipeline systems for compressed medical gases and vacuum
- EN ISO 7396-2 :2007 : Medical gas pipeline systems — Part 2: Anaesthetic gas scavenging disposal systems

### Gas outlet

- EN ISO 9170-1 :2010 Terminal units for medical gas pipeline systems — Part 1: Terminal units for use with compressed medical gases and vacuum
- EN ISO 9170-2 :2010 Electricity
- EN 60601-1-2 :2015 : Medical electrical equipment. General requirements for basic safety and essential performance. Collateral Standard. Electromagnetic disturbances. Requirements and test
- EN 60601-1 :2006 : Medical electrical equipment. General requirements for basic safety and essential performance
- EN 60601-1-6 :2010 : Medical Electrical Equipment - Part 1-6: General Requirements For Basic Safety And Essential Performance

Medical Device Directive 93/42 / EC ANNEX II (Except Article 4) Full Quality Assurance System

2014/30 / EU Electromagnetic Compatibility Machine Directive 2006/42 / EC

Class IIb (93/42/AT ANNEX IX, Rule 11)

Electrical class: Class I according to EN ISO 60601-1





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