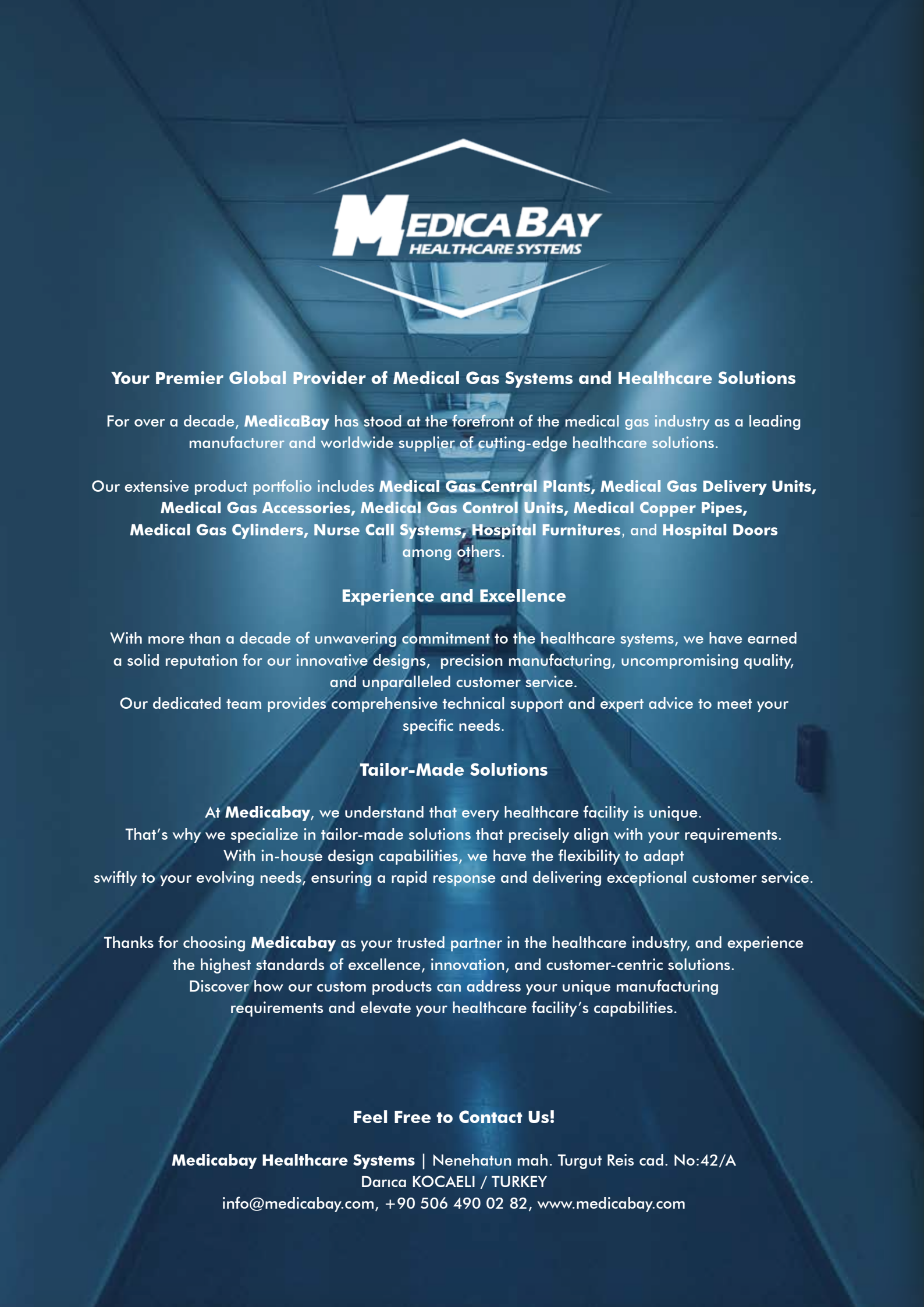
MEDICA BAY
HEALTHCARE SYSTEMS

PRODUCT CATALOGUE 2025

www.medicabay.com

SCAN ME!



MEDICA BAY
HEALTHCARE SYSTEMS

Your Premier Global Provider of Medical Gas Systems and Healthcare Solutions

For over a decade, **MedicaBay** has stood at the forefront of the medical gas industry as a leading manufacturer and worldwide supplier of cutting-edge healthcare solutions.

Our extensive product portfolio includes **Medical Gas Central Plants, Medical Gas Delivery Units, Medical Gas Accessories, Medical Gas Control Units, Medical Copper Pipes, Medical Gas Cylinders, Nurse Call Systems, Hospital Furnitures**, and **Hospital Doors** among others.

Experience and Excellence

With more than a decade of unwavering commitment to the healthcare systems, we have earned a solid reputation for our innovative designs, precision manufacturing, uncompromising quality, and unparalleled customer service.
Our dedicated team provides comprehensive technical support and expert advice to meet your specific needs.

Tailor-Made Solutions

At **Medicabay**, we understand that every healthcare facility is unique.
That's why we specialize in tailor-made solutions that precisely align with your requirements.
With in-house design capabilities, we have the flexibility to adapt
swiftly to your evolving needs, ensuring a rapid response and delivering exceptional customer service.

Thanks for choosing **Medicabay** as your trusted partner in the healthcare industry, and experience the highest standards of excellence, innovation, and customer-centric solutions.
Discover how our custom products can address your unique manufacturing requirements and elevate your healthcare facility's capabilities.

Feel Free to Contact Us!

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CONTENT


MEDICA BAY
HEALTHCARE SYSTEMS

PSA Series - Oxygen Generating Plants

Introducing PULOX PSA Systems:
Medicabay Healthcare Systems introduces PULOX, an advanced oxygen generator designed for reliable and efficient performance. Utilizing Pressure Swing Adsorption (PSA) technology, PULOX produces high-purity medical-grade oxygen from compressed air, providing a consistent and dependable supply for healthcare facilities.

Key Components

Adsorbent Containers: Zeolite-filled containers selectively adsorb Nitrogen and CO2 while allowing the passage of oxygen due to its larger molecular size.
Regeneration System: Scheduled regeneration cycles expel adsorbed gases from zeolite into the atmosphere, ensuring continuous and efficient oxygen production.
Oxygen Analyzer: Monitors and stores oxygen concentration, enabling real-time adjustments to maintain preset purity levels.
PLC (Programmable Logic Controller): Manages the entire process, regulating aeration values and ensuring consistent performance within specified purity parameters.
Sieve Adsorbents (Zeolite): Specially produced crystalline Aumino Silicates with excellent automatic regeneration properties for consistent high-quality oxygen production.
High-Quality Construction: Components made from oil-free medical-grade copper tubing (ASTM B819 / BSEN 13348) and parts meeting NFPA99 / HTM02-01 cleanliness standards, ensuring reliability and safety.
Purification Unit: An integral part of the system, eliminating impurities to deliver exceptionally pure oxygen, meeting stringent quality standards for diverse applications.

Performance & Operating Conditions

Operating Range: Capable of operation between 5°C and 45°C (41°F to 113°F), with optimal performance observed between 20°C and 35°C (68°F to 95°F).
User-Friendly Installation: Adhering to the "Plug and Play" principle for simplified user installation.
Critical Consideration: Ensuring a clean and heated environment for optimal operation.

Benefits

Reliability: Provides a dependable and consistent supply of high-purity oxygen for various applications.
Efficiency: Utilizes PSA technology for efficient gas separation, ensuring optimal performance.
Safety & Compliance: Meets rigorous industry standards, ensuring safety and adherence to medical regulations.
Ease of Installation: User-friendly setup, following a straightforward "Plug and Play" approach.
Versatility: Operates efficiently within a broad temperature range, offering adaptability to diverse environments.

PULOX OXYGEN GENERATING PLANTS

MEDICABAY RESULTS

Parameters		PSA SERIES
Oxygen	O2	90%-96%
CarbonMonoxide	CO	<5 ppm
CarbonDioxide	CO2	<150 ppm
SulfureDioxide	SO2	<0.2 ppm
NitrogenOxide	NOX	<1 ppm
Water	H2O	<3 ppm
Oil		<0.003 mg/m3

INTERNATIONAL REQUIREMENTS

ISO 7396-1	USP XXII	EUP
>90%	90%-96%	90%-96%
<5 ppm	<0,001%	<5 ppm
<300 ppm	<0,03%	<300 ppm
		<1ppm
		<2 ppm
<67 ppm		<67 ppm
<0.1 mg/m3	<0.1 mg/m3	<0.1 mg/m3

1 - Compressor: The compressor within the Medicabay oxygen generating system fulfills a critical role by pressurizing incoming air, preparing it meticulously for subsequent processing within the plant.
2 - Refrigerated Air Dryer: Refrigerated air dryer, an integral component of our system, is adept at eliminating moisture from compressed air, thereby averting freezing and significantly enhancing downstream processes.
3 - Air Receiving Tank: Serving as a pivotal element in our infrastructure, air receiving tank provides temporary storage for compressed air, ensuring a consistent supply as it progresses through the essential purification stages.
4 - Active Carbon Tower (Optional) : The active carbon tower, meticulously integrated into our oxygen generation process, assumes a pivotal responsibility in purging impurities and contaminants from the incoming air, thus guaranteeing the production of oxygen of unparalleled purity.
5 - Pressure Swing Adsorption Plant: At the core of our oxygen generation process stands the Medicabay Pressure Swing Adsorption (PSA) plant, a proprietary innovation that harnesses cutting-edge adsorbents to efficiently segregate oxygen from nitrogen, resulting in a concentrated and pristine oxygen stream.
6- Oxygen Receiving Tank: Oxygen generated within our facility is securely stored in the Medicabay oxygen receiving tank, complementing externally sourced components, before being seamlessly distributed to an array of applications with unwavering precision.
7 - Air Filters: Exemplifying our unwavering commitment to quality, the Medicabay air filters are meticulously sourced from esteemed manufacturers, consistently excelling in the removal of particulate matter and additional impurities from the air supply, thereby elevating the overall quality of the air essential to the oxygen generation process.

REQUIRED COMPRESSED AIR FEATURES
- Temperature Range: +10 / +43°C
- Dew Point: +5°C

AMBIENT CONDITIONS
- Temperature Range: +5 / +40°C
- Optional: -50 / +60°C

TECHNICAL FEATURES
- Max. Working Pressure: 10 bar
- Power Connection: 220V, 50Hz/60Hz

CONTAINER MODEL

ON-SITE MODEL

MEDICABAY PULOX PSA SERIES MODEL CODE	OXYGEN GENERATING PLANT STANDARD MODEL DETAILS				MEDICAL GAS (OXYGEN) SPECIFICATIONS				
	OXYGEN CONS.	COMPRESSOR POWER	AIR DRYER	AIR -O2 RECEIVING TANK	O2 PURITY	O2 OUTPUT	DEW POINT	MAX AIR TEMPERATURE	MAX OIL
	(m3/h)	(HP/kW)	(kW)	(Liters)	(%)	(bar)	(°C)	(°C)	(mg/m3)
MGS.PSA.G0050	3	10/7,5	0,28	500	95+/-2	4-6	5	43	<0.1
MGS.PSA.G0100	6	20/15	0,60	500	95+/-2	4 6	5	43	<0.1
MGS.PSA.G0150	9	20/15	0,67	500	95+/-2	4·6	5	43	<0.1
MGS.PSA.G0200	12	30/22	0,87	500	95+/-2	4-6	5	43	<0.1
MGS.PSA.G0250	1S	30/22	0,87	1000	95+/-2	4-6	5	43	<0.1
MGS.PSA.G0300	18	40/30	1,00	1000	95+/-2	4·6	5	43	<0.1
MGS.PSA.G0350	21	40/30	1,20	1000	95+/-2	4·6	5	43	<0.1
MGS.PSA.G0400	24	50/37	1,44	1000	95+/-2	4·6	5	43	<0.1
MGS.PSA.G0500	30	50/37	1,80	1500	95+/-2	4·6	5	43	<0.1
MGS.PSA.G0600	36	60/45	2,00	1500	95+/-2	4·6	5	43	<0.1
MGS.PSA.G0700	42	75/55	2,00	1500	95+/-2	4·6	5	43	<0.1
MGS.PSA.G0800	48	75/55	2,60	2000	95+/-2	4-6	5	43	<0.1
MGS.PSA.G0900	54	100/75	3,50	2000	95+/-2	4-6	5	43	<0.1
MGS.PSA.G1000	60	100/75	3,50	3000	95+/-2	4·6	5	43	<0.1
MGS.PSA.G1100	66	100/75	3,90	3000	95+/-2	4·6	5	43	<0.1
MGS.PSA.G1200	72	125/90	3,90	3000	95+/-2	4-6	5	43	<0.1
MGS.PSA.G1300	78	125/90	3,90	5000	95+/-2	4·6	5	43	<0.1
MGS.PSA.G1400	84	125/90	3,90	5000	95+/-2	4·6	5	43	<0.1
MGS.PSA.G1500	90	150/110	4,45	5000	95+/-2	4·6	5	43	<0.1
MGS.PSA.G1600	96	150/110	4,45	6000	95+/-2	4-6	5	43	<0.1
MGS.PSA.G1700	102	150/110	4,45	6000	95+/-2	4·6	5	43	<0.1
MGS.PSA.G1800	108	150/110	4,45	6000	95+/-2	4·6	5	43	<0.1
MGS.PSA.G1900	114	150/110	5,50	8000	95+/-2	4-6	5	43	<0.1
MGS.PSA.G2000	120	180/132	5,50	10000	95+/-2	4-6	5	43	<0.1

MBS Series - Oxygen Filling Plants

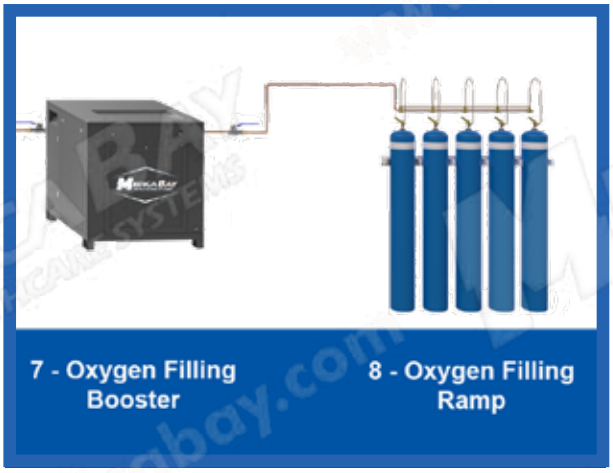
Medicabay Healthcare Systems presents the PULCO Oxygen Filling Compressor, designed for reliable and efficient oxygen distribution. Engineered with precision, PULCO supports safe and effective oxygen supply management in healthcare environments.

Oxygen Booster Compressor

- Can be used safe and secure
- Oil free operation
- ISO 9001 Certified
- Compatible with PULOX Oxygen Generator Systems
- Works with high purity Oxygen
- Fast delivery
- Cost effective
- Strong aftersales support

Key Features

- Engineered for safe, reliable delivery of clean, dry gases up to 2,200 psig (150 barg)*
- Suitable for high pressure oxygen
- All gas contact parts are in stainless steel two and four stage, single acting piston design in a compact package
- Automatic high temperature stop
- Automatic stop by pressure
- Time counter
- Oil-Less crankshaft mechanism
- Safety relief valve for each stage
- Oxygen cleaned to MIL-STD-1330D



7 - Oxygen Filling Booster

8 - Oxygen Filling Ramp

7 - Filling Compressor: The compressor pressurizes and packages oxygen with precision, ensuring a reliable supply for critical applications.

8 - Oxygen Filling Ramp: Our filling ramp streamlines the process of filling oxygen cylinders, enhancing efficiency and safety in handling compressed gases.

MEDICABAY PULCO MBS SERIES MODEL CODE	CAPACITY (Nm3/h)	INLET PRESSURE (bar)	MAX. OPERATING PRESSURE (bar)	STAGES	POWER (kW)	DIMENSIONS (cm)
MGS.MBS.C0050	5	4	150	2	2,2	70x100x110
MGS.MBS.C0010	10	4	150	2	3	90x95x110
MGS.MBS.C0020	20	4	150	4	7,5	95x115x110
MGS.MBS.C0030	30	4	150	4	9	110x150x130
MGS.MBS.C0040	40	4	150	4	11	110x150x130
MGS.MBS.C0050	50	4	150	4	15	110x150x130
MGS.MBS.C0060	60	4	150	4	18,5	120x160x130

Medicabay Healthcare Systems introduces the HPPULCO Oxygen Filling Compressor, designed for reliable and efficient oxygen distribution. Engineered with precision, it ensures the safe and effective filling of oxygen cylinders, supporting consistent oxygen supply management in healthcare settings.

High Pressure Oxygen Booster Compressor

- Can be used safe and secure
- Oil free operation
- ISO 9001 Certified
- Compatible with PULOX Oxygen Generator Systems
- Works with high purity Oxygen
- Fast delivery
- Cost effective
- Strong aftersales support

HORIZONTAL FILLING RAMP

VERTICAL FILLING RAMP

MEDICABAY PULCO HMBS SERIES MODEL CODE	CAPACITY (Nm3/h)	INLET PRESSURE (bar)	MAX. OPERATING PRESSURE (bar)	POWER (kW)
MGS.HMBS.C0005	05	4	150	4
MGS.HMBS.C0010	10	4	150	5,5
MGS.HMBS.C0015	15	4	200	7,5
MGS.HMBS.C0020	20	4	150	11
MGS.HMBS.C0030	30	4	150	15
MGS.HMBS.C0045	45	4	150	18,5
MGS.HMBS.C0060	60	4	150	22
MGS.HMBS.C0065	65	4	150	22

LOX Series - Liquid Oxygen Plants

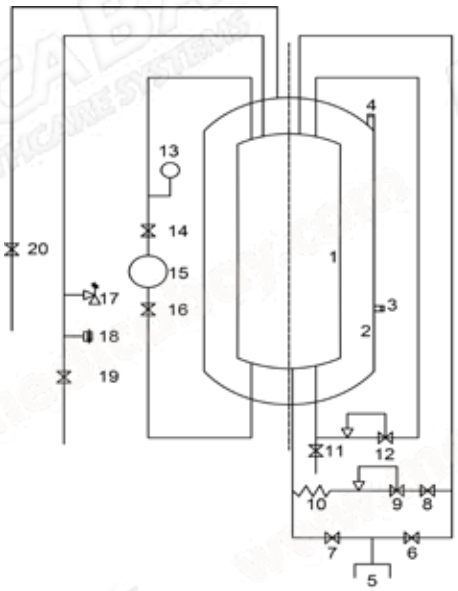
A cryogenic storage tank is a critical piece of equipment for storing and distributing liquefied gases like oxygen, nitrogen, and argon at extremely low temperatures. These tanks are designed to maintain the gas in liquid form and can also supply it as a gas when needed, thanks to a rapid pressurization system.

These tanks are built to withstand temperatures as low as -196°C and adhere to strict design standards such as PED 97/23/EC, TPED 2010/35/EU, AD Merkblatt Code 2000, EN 13458, EN 13530, EN 13445, ADR 2013, and ASME Sec VIII Division. We can also customize designs based on client preferences.

Our cryogenic tanks feature a double-walled structure with an inner stainless steel tank and an outer carbon steel tank. Vacuum insulation with perlite or cryolite ensures minimal heat transfer between them. Stringent quality control measures are in place, including certified welders, third-party inspections, non-destructive testing, hydrostatic tests, and comprehensive documentation for each tank.

CRYOGENIC LIQUID OXYGEN TANK

1-Inner Vessel 304 Stainless Steel
2-Outer Vessel St 37 Carbon Steel
3-Evacuation Connection
4-Vacuum Region Safety Equipment
5-Fill Connection
6-Gas Phase Fill Valve
7-Liquid Phase Fill Valve
8-Shut-off Valve In Pressure Increasing System
9-Pressure Building Regulator
10-Pressure Building Vaporizer
11-Liquid Withdrawal Valve
12-Economiser Regulator
13-Pressure Gauge
14-Shut-off Valve For Content Gauge (Gas Phase)
15-Liquid Level Indicator
16-Shut-off Valve For Content Gauge (Liquid Phase)
17-Main Safety Valve
18-Inner Vessel Bursting Disc
19-Vent Valve
20-Overflow Valve



TECHNICAL SPECIFICATIONS

- Stainless Steel Cryogenic Vessel: Inside, high-quality stainless steel ensures mechanical strength at low temperatures, with easy welding.
- Carbon Steel Outer Jacket: The tanks are wrapped in durable carbon steel, sand-blasted, and double coated for protection.
- Efficient Thermal Insulation: Perlite insulation in a vacuum maintains low temperatures while preventing heat transfer.
- Reliable Vacuum Measurement: A simple, dependable vacuum measurement system is included.
- Streamlined Flow Design: Designed for efficiency, it reduces the need for additional accessories, enhancing reliability and cutting production costs.
- Calibrated Level Gauge: Accurate substance level monitoring is facilitated by a calibrated gauge.

Manufacturing Controls:
Medicabay storage tanks adhere to a rigorous manufacturing inspection process, which places a strong emphasis on the following critical aspects:

Material and Accessory Quality Control: Stringent quality control protocols are meticulously enforced for both materials and accessories used in the construction of these tanks. This commitment ensures that only premium components are incorporated, thereby enhancing the overall reliability and longevity of the tanks.

Hydraulic and Pneumatic Testing: The inner vessel undergoes a comprehensive hydraulic test, while the outer jacket is subject to a thorough pneumatic test. These essential assessments serve to verify structural integrity and leak resistance, fundamental to the tanks' operational integrity.

Perlite Filling Verification: An exacting inspection of perlite insulation filling is conducted to confirm its compliance with prescribed standards. Adequate insulation is of paramount importance to maintaining the desired low temperatures within the tanks.

Vacuum Integrity Assessment: The vacuum integrity of the tanks is subjected to rigorous scrutiny to guarantee airtightness. This is imperative for the successful cryogenic storage of substances.

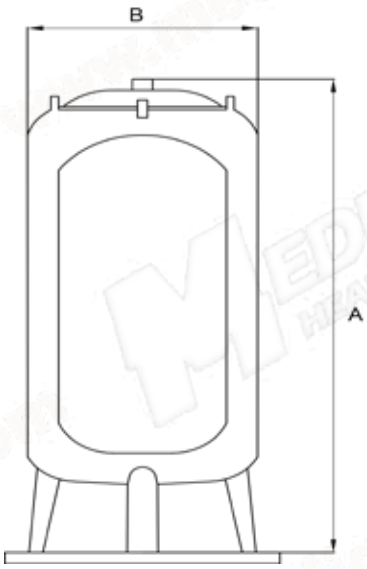
Performance Evaluation: To evaluate performance under extreme conditions, a meticulous test utilizing liquefied nitrogen at -196°C is administered. This rigorous assessment serves to affirm the tanks' capacity to reliably operate under cryogenic temperatures.

Safety Features:
Medicabay storage tanks are outfitted with an array of safety features meticulously designed to ensure safe and secure operation:

Material Selection: The selection of materials is conducted with utmost care, focusing on suitability for challenging cryogenic conditions and resistance to corrosion. This meticulous material selection significantly enhances the tanks' longevity and safety.

Simplified Flow Diagram: The tanks incorporate a streamlined flow diagram that reduces complexity, simplifying operation and maintenance. This simplicity serves to promote safe and efficient usage.

Bursting Discs: Both the inner vessel and the outer jacket are equipped with bursting discs, serving as vital safety mechanisms. These discs provide an additional layer of protection by alleviating excess pressure in unforeseen circumstances, ensuring the well-being of both equipment and personnel.



LOX TANK SIZES

VOLUME (Liters)	A Size (Approx) (cm)	B Size (Approx) (cm)
3000	4000	1800
5000	5000	1800
10000	7000	2100
15000	9500	2100
20000	12000	2100

LOX TANK REDUCTION PANEL

MEDICABAY LOX SERIES MODEL CODE	MODEL TYPES VOLUME (Liters)	EMPTY WEIGHT (Approx) (Kg)	MAX WORK PRESSURE (bar)	STORAGE CAPACITY Liquid Oxygen (Kg)	Liquid Nitrogen (Kg)	Liquid Argon (Kg)	VAP. CAPACITY O2 Output (bar)	Capacity (m3/h)
MGS.LOX.T0003	3000	3000	16	4100	3400	4900	4-6	200
MGS.LOX.T0005	5000	3500	16	5300	4100	6600	4-6	250
MGS.LOX.T0010	10000	5500	16	10800	7600	13200	4-6	300
MGS.LOX.T0015	15000	7500	16	16200	11450	19850	4-6	400
MGS.LOX.T0020	20000	9350	16	21600	15250	26450	4-6	500

AMS SERIES - Automatic Manifold Systems

Medicabay Healthcare Systems offers Automatic and Manual Manifold Systems designed to meet the diverse and critical needs of hospital gas supply. Engineered for reliability and efficiency, these systems ensure the continuous and safe distribution of medical gases, including Oxygen, Nitrous Oxide, Entonox, Nitrogen, Helium, Carbon Dioxide, and Medical Air. Our manifold systems are suitable for various healthcare environments, providing stable gas flow at pressure levels ranging from 4 to 7 Bar.

Our manifold systems are adept at meeting the diverse demands of healthcare facilities, offering a wide range of flow rates, including 20, 30, 40, 70, 90, 120, 150, and 300 m^3/h. These systems can effectively manage both first and second-stage gas supply requirements, ensuring the uninterrupted flow of these essential medical gases.

The versatility of our systems extends to the method of control, with the option of electronic or mechanical change-over systems. Furthermore, our state-of-the-art control panel provides real-time insights into cylinder capacity and pressure details, enhancing the precision and safety of gas management within healthcare facilities.

At Medicabay, we are committed to delivering the highest standards of quality and performance in healthcare gas supply systems, ensuring the seamless operation of critical medical services.

MECHANICAL CHANGE-OVER TYPE AUTOMATIC MANIFOLD SYSTEM HEADER

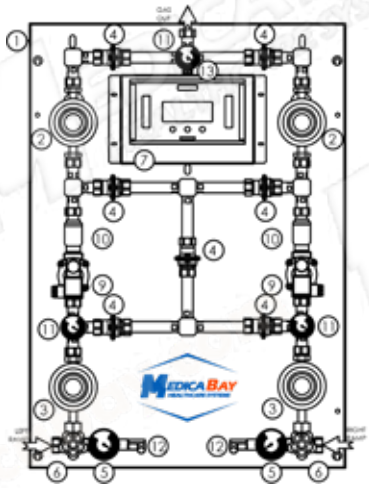
ELECTRONICAL CHANGE-OVER TYPE AUTOMATIC MANIFOLD SYSTEM HEADER

HIGH CAPACITY AUTOMATIC MANIFOLD SYSTEM HEADER

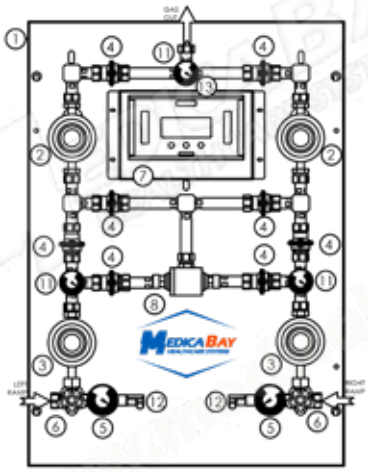
MANUAL SINGLE BANK MANIFOLD HEADER LOW CAPACITY WITHOUT ALARM

1ST STAGE CHANGE-OVER TYPE AUTOMATIC MANIFOLD SYSTEM HEADER

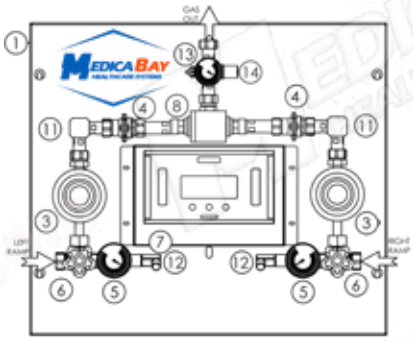
1 - MECHANICAL CHANGE-OVER TYPE AUTOMATIC MANIFOLD SYSTEM HEADER



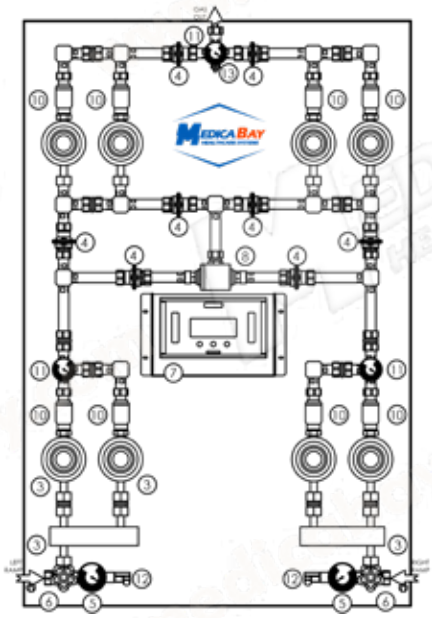
2- ELECTRONICAL CHANGE-OVER TYPE AUTOMATIC MANIFOLD SYSTEM HEADER

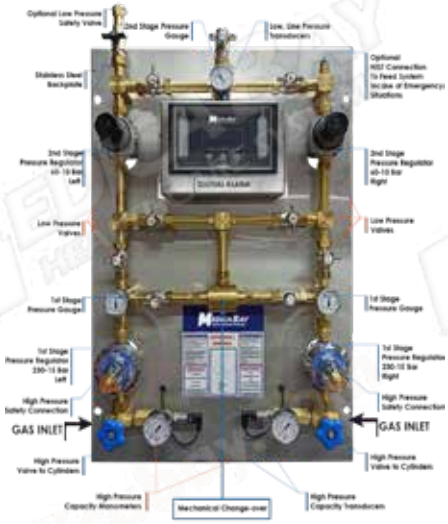


3- 1ST STAGE CHANGE-OVER TYPE AUTOMATIC MANIFOLD SYSTEM HEADER



4-HIGH CAPACITY AUTOMATIC MANIFOLD SYSTEM HEADER

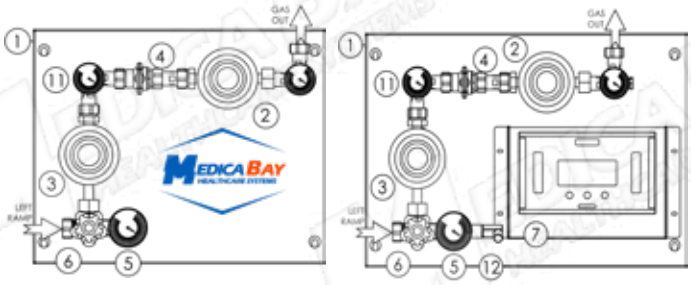




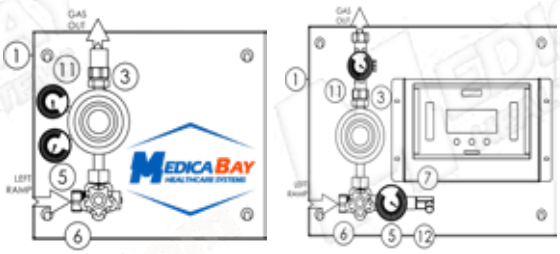
AUTOMATIC MANIFOLD SYSTEM HEADER

1-Stainless Steel Back Panel
2-2nd Stage Low Pressure Regulators
3-1st Stage High Pressure Regulators
4-Low Pressure Ball Valves
5-High Pressure Manometers
6-High Pressure Valves
7-Digital Alarm
8-Pneumatic Change-over
9-Electronic Solenoid Valves
10-Non-return Check-valves
11-Low Pressure Manometers
12-High Pressure Transducers
13-Low Pressure Transducers
14-Emergency NIST Connections

5-MANUAL SINGLE BANK MANIFOLD SYSTEM HEADER HIGH CAPACITY WITHOUT / WITH ALARM

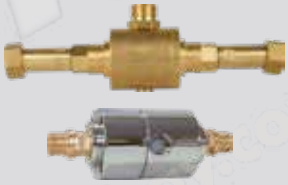


6-MANUAL SINGLE BANK MANIFOLD SYSTEM HEADER LOW CAPACITY WITHOUT / WITH ALARM



As a company deeply dedicated to quality and safety, we rigorously adhere to industry norms and standards. Our manifold systems comply with CE marking in risk class II B, meeting the stringent requirements of Directive 93/42/EEC for Medical Devices.

Crafted with precision, our systems align with globally recognized standards like ISO 10524-2, ISO 7396-1, HTM 02-01 for medical gas pipeline systems, and ISO 15001 for anaesthetic and respiratory equipment compatibility. These standards are the bedrock of our manufacturing process, ensuring top-tier quality, safety, and performance in our manifold systems. Our commitment to exceeding these benchmarks guarantees the reliability and safety expected in the healthcare industry.



CHANGE-OVER UNIT

Depending costumer needs it can be Brass or Chrome Plated Brass.

DIGITAL ALARM

Digital alarm shows capacities of right and lef ramps and pressure of gases that goes to the pipeline. And you can watch pressure with outsource equipments

PRODUCT CODES

You can order your Manifold Header by the codes down below. For ordering you can ask for order sheets.
For **"Oxygen Automatic Manifold Header 2nd Stage 150m3/h "** Code will be like down below

"AMS-O2-S-0150"

CHROME PLATED BRASS

Depending costumer needs automatic manifold systems can be plated with chrome.

AUTOMATIC MANIFOLD SYSTEM COVER

Our all models have front covers optionally. Please click cover on order sheets.

GAS TYPE	AUTOMATIC / MANUAL HEADER	1ST/2ND STAGE	CAPACITY (20m3/h, 30m3/h, 40m3/h, 70m3/h, 90m3/h, 120m3/h, 150m3/h, 300m3/h)	PRODUCT NAME
O2	AMS/MMS	-F-/-S-	0020 0030 0040 0070 0090 0120 0150 0300	Oxygen Manifold Header
N2O	AMS/MMS	-F-/-S-		Nitrous Oxide Manifold Header
ENT	AMS/MMS	-F-/-S-		Enthonox Manifold Header
N2	AMS/MMS	-F-/-S-		Nitrogen Manifold Header
CO2	AMS/MMS	-F-/-S-		Carbon Dioxide Manifold Header
MA4	AMS/MMS	-F-/-S-		Medical Air 4 Bar Manifold Header
SA7	AMS/MMS	-F-/-S-		Surgical Air 7 Bar Manifold Header
MIX	AMS/MMS	-F-/-S-		Mixture Manifold Header
HE	AMS/MMS	-F-/-S-		Helium Manifold Header

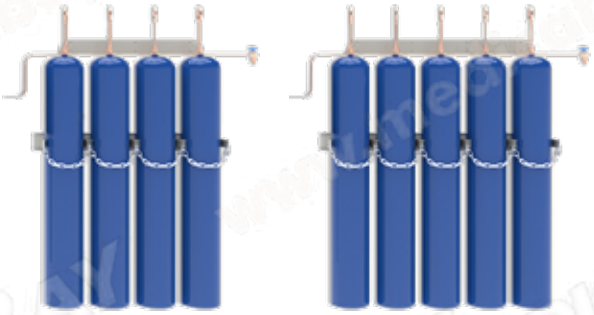
Manifold ramps play a pivotal role in the transportation of gases from the source bottles to the automatic control panel or the emergency control panel within the infrastructure of the esteemed Medicabay company. These manifold ramps are meticulously crafted, comprising a copper pipe integrated with non-return devices constructed from high-quality brass CW614N. The connection between the non-return devices and the copper pipe is expertly achieved through silver soldering, ensuring the absence of cadmium for safety and compliance.

At Medicabay, our manifold systems are designed to facilitate the parallel connection of multiple cylinders or cylinder bundles containing the same gas, all positioned upstream of the first-stage reducer. Each cylinder seat is thoughtfully equipped with a non-return device to guarantee optimal safety during operations. Our manifold offerings span from configurations accommodating 1 to 5 cylinder seats. In scenarios where it becomes necessary to connect more than 5 cylinders or cylinder bundles, Medicabay provides the flexibility to install additional manifolds, interconnecting them seamlessly with gas-specific pigtails in adherence to ISO EN 21969 and ISO EN 7396 standards.

In line with stringent industry norms, the connection between the cylinders and the manifold, as well as between the main panel board and the manifold, must be established using specialized connecting devices known as pigtails, tailored for the specific gas being handled.

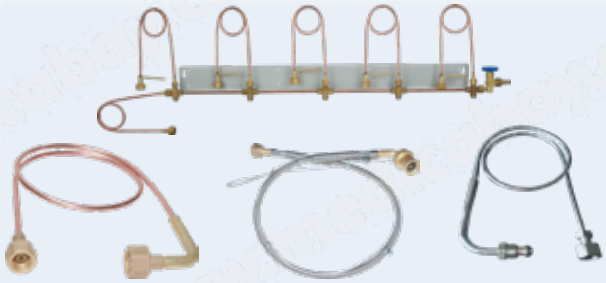
Medicabay is committed to delivering top-tier, safety-conscious solutions, and our manifold systems exemplify this dedication to quality and precision in the healthcare and medical industry.

Single Double Triple



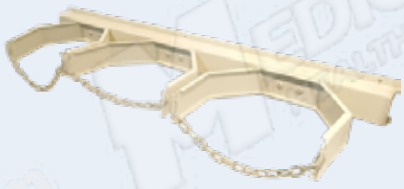
Quadruple Quintuple

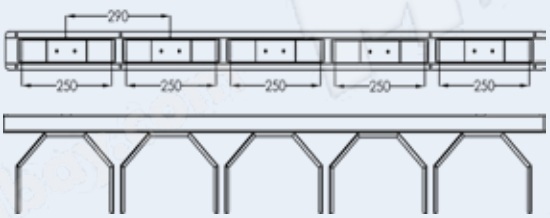
RAMP MANIFOLD SEATS
We use check-valve integrated seats or valve integrated seats to connect cylinders



FLEXIBLE PIPES (PIGTAILS)
Depending on costumer needs pigtails can be stainless steel, chrome plated or copper.

CYLINDER RACKS
We are proud to present our range of cylinder racks designed to accommodate cylinders of various sizes. Specifically, we offer racks suitable for 40 and 50-liter cylinders, as depicted in the technical drawing below.





HIGH PRESSURE VALVES

High-pressure relief valves designed specifically for the safe and efficient relief of gases during cylinder changes, with a maximum working pressure of up to 300 Bar.

Our high-pressure relief valves are engineered to ensure the controlled release of excess pressure, preventing potential hazards and ensuring the safety of personnel and equipment. These valves are specifically designed to handle the high-pressure conditions encountered during cylinder changes, providing reliable and efficient relief.

PRODUCT CODES

You can order your Manifold Header by the codes down below. For ordering you can ask for order sheets.
For "**2 Banks 10 Cylinders Ramp with Check-valve Type Manifolds**" Code will be like down below.

"002100CV003"

BANK QTY	CYLINDER QTY	PRODUCT NAME	VALVE TYPE	CONNECTION TYPE
1 Banks=001 / 2 Banks=002	1=010	Cylinder Ramp	Check Valve=CV / Cut off Valve=VT	003=G 5/8" BS 341 011=G 3/8" DIN 477 006=W21.8x1/14" DIN 477 009=G 3/4" DIN 477
	2=020	Cylinders Ramp		
	3=030	Cylinders Ramp		
	4=040	Cylinders Ramp		
	5=050	Cylinders Ramp		
	6=060	Cylinders Ramp		
	7=070	Cylinders Ramp		
	8=080	Cylinders Ramp		
	9=090	Cylinders Ramp		
	10=100	Cylinders Ramp		

MEDICABAY AMS SERIES - AUTOMATIC MANIFOLD PLANTS

AMS HEADER MODEL CODE	MANIFOLD TYPE	PRESSURE TYPE	CAPACITY (m3/h)
MGS.AMS-XX-F-020	Automatic	First Stage	20
MGS.MMS-XX-F-020	Manuel	First Stage	20
MGS.AMS-XX-S-020	Automatic	Second Stage	20
MGS.MMS-XX-S-020	Manuel	Second Stage	20
MGS.AMS-XX-F-030	Automatic	First Stage	30
MGS.MMS-XX-F-030	Manuel	First Stage	30
MGS.AMS-XX-S-030	Automatic	Second Stage	30
MGS.AMS-XX-S-030	Manuel	Second Stage	30
MGS.AMS-XX-F-040	Automatic	First Stage	40
MGS.MMS-XX-F-040	Manuel	First Stage	40
MGS.AMS-XX-S-040	Automatic	Second Stage	40
MGS.MMS-XX-S-040	Manuel	Second Stage	40
MGS.AMS-XX-F-070	Automatic	First Stage	70
MGS.MMS-XX-F-070	Manuel	First Stage	70
MGS.AMS-XX-S-070	Automatic	Second Stage	70
MGS.MMS-XX-S-070	Manuel	Second Stage	70
MGS.AMS-XX-F-090	Automatic	First Stage	90
MGS.MMS-XX-F-090	Manuel	First Stage	90
MGS.AMS-XX-S-090	Automatic	Second Stage	90
MGS.MMS-XX-S-090	Manuel	Second Stage	90
MGS.AMS-XX-F-120	Automatic	First Stage	120
MGS.MMS-XX-F-120	Manuel	First Stage	120
MGS.AMS-XX-S-120	Automatic	Second Stage	120
MGS.MMS-XX-S-120	Manuel	Second Stage	120
MGS.AMS-XX-F-150	Automatic	First Stage	150
MGS.MMS-XX-F-150	Manuel	First Stage	150
MGS.AMS-XX-S-150	Automatic	Second Stage	150
MGS.MMS-XX-S-150	Manuel	Second Stage	150
MGS.AMS-XX-F-300	Automatic	First Stage	300
MGS.MMS-XX-F-300	Manuel	First Stage	300
MGS.AMS-XX-S-300	Automatic	Second Stage	300
MGS.MMS-XX-S-300	Manuel	Second Stage	300

Request of Automatic Manifold Plant Models can be selected from the codes in the table above. The XX code here will be Gas Type (O2, N2O, ENT, N2, CO2, MA4, SA7, MIX, HE).

AMS RAMP MODEL CODE	PRODUCT NAME
0101XXYYY	1 Bank 1 Cylinder Ramp
0201XXYYY	2 Bank 1 Cylinder Ramp
0102XXYYY	1 Bank 2 Cylinder Ramp
0202XXYYY	2 Bank 2 Cylinder Ramp
0103XXYYY	1 Bank 3 Cylinder Ramp
0203XXYYY	2 Bank 3 Cylinder Ramp
0104XXYYY	1 Bank 4 Cylinder Ramp
0204XXYYY	2 Bank 4 Cylinder Ramp
0105XXYYY	1 Bank 5 Cylinder Ramp
0205XXYYY	2 Bank 5 Cylinder Ramp
0206XXYYY	2 Bank 6 Cylinder Ramp
0207XXYYY	2 Bank 7 Cylinder Ramp
0208XXYYY	2 Bank 8 Cylinder Ramp
0209XXYYY	2 Bank 9 Cylinder Ramp
0210XXYYY	2 Bank 10 Cylinder Ramp
0211XXYYY	2 Bank 11 Cylinder Ramp
0212XXYYY	2 Bank 12 Cylinder Ramp
0213XXYYY	2 Bank 13 Cylinder Ramp
0214XXYYY	2 Bank 14 Cylinder Ramp
0215XXYYY	2 Bank 15 Cylinder Ramp
0216XXYYY	2 Bank 16 Cylinder Ramp
0217XXYYY	2 Bank 17 Cylinder Ramp
0218XXYYY	2 Bank 18 Cylinder Ramp
0219XXYYY	2 Bank 19 Cylinder Ramp
0220XXYYY	2 Bank 20 Cylinder Ramp

CONNECTION TYPE	YYY
G 5/8" BS341	003
G 3/8" DIN477	011
W21.8x1/14" DIN477	006
G3/4" DIN477	009

VALVE TYPE	XX
Check Valve	CV
Cut off Valve	VT

Request of Automatic Manifold Plant Ramp Models can be selected from the codes in the table above. The XX code here will be Manifold Type (CV, VT) and YYY code here will be Connection Type.

PCP SERIES - Plant Connection Panels

Medicabay Healthcare Systems offers Plant Connection Panels designed to support a reliable and continuous supply of medical gases in healthcare facilities. Manufactured in accordance with industry standards, these panels play an important role in maintaining the safe and efficient operation of medical gas systems in hospitals.

Compliance with Medical Gas System Standards:
Our Plant Connection Panels adhere rigorously to medical gas system standards, underscoring our dedication to the safety and reliability of healthcare infrastructure. These standards dictate the incorporation of redundancy features that guarantee continuous gas flow even in emergency situations.

Key Features of Medicabay Plant Connection Panels:

Redundancy and Reliability:
Our panels are meticulously engineered to provide redundant systems, offering a fail-safe mechanism to prevent any disruption in the medical gas supply. Uninterrupted gas flow is assured, meeting the critical needs of hospitals and healthcare facilities.

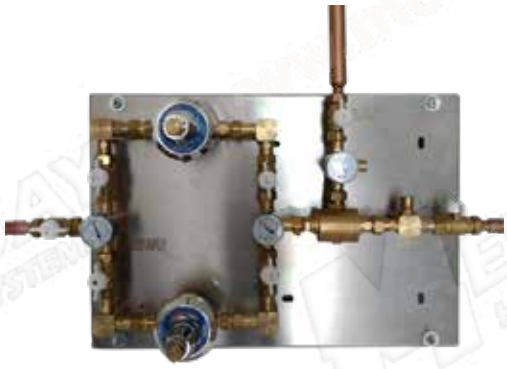
Emergency Activation and Alert Systems:
Designed to seamlessly activate in emergency scenarios, our panels are equipped with advanced alert systems, ensuring immediate response to critical situations. Swift and automated response mechanisms contribute to patient safety and operational continuity.

Additional Connection Panels:
Depending on specific requirements, our Plant Connection Panels can be configured with additional connection panels. These panels may incorporate essential components such as regulators, manometers, changeovers, solenoid valves, check valves, regular valves, and NIST connections.

Interconnectivity:
Medicabay Healthcare Systems' panels are designed for seamless interconnection, fostering integration with redundant systems. This interconnectivity enhances the overall reliability and performance of the medical gas supply network.

Conclusion:
Medicabay Healthcare Systems takes pride in offering state-of-the-art Plant Connection Panels that not only meet but exceed industry standards for medical gas systems. Our commitment to excellence, reliability, and compliance ensures that healthcare facilities can rely on our solutions to provide uninterrupted and secure medical gas supply. Trust Medicabay Healthcare Systems for cutting-edge solutions that contribute to the efficiency and safety of healthcare environments.

LIQUID OXYGEN TANK & AUTOMATIC MANIFOLD SYSTEM CONNECTION PANEL



LIQUID OXYGEN TANK & AUTOMATIC MANIFOLD SYSTEM CONNECTION PANEL

TWO LIQUID OXYGEN TANKS & AUTOMATIC MANIFOLD SYSTEM CONNECTION PANEL

PRODUCT CODES
For "**Plant Connection Panel 1 Liquid Oxygen Tank & 1 Automatic Manifold System Electronic Control With Alarm**" Code will be like; **"MGS.PCP.L1A1WASO"**

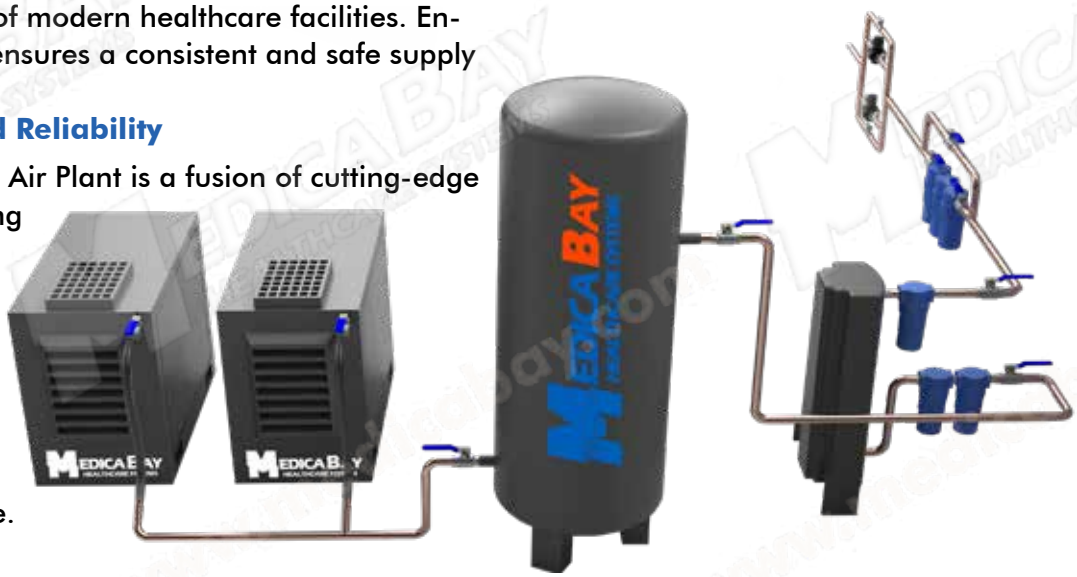
WORKING METHOD	LOX QTY	PSA QTY	AMS QTY	ALARM TYPE
Solenoid Type = SO Change-over Type = CO	1 Pcs = L1 2 Pcs = L2 3 Pcs = L3	1 Pcs = P1 2 Pcs = P2	1 Pcs = A1 2 Pcs = A2	With Alarm = WA Without Alarm = WOA

MAP SERIES - Medical Air Plants

Welcome to our advanced Medical Air Plant, designed to meet the essential needs of modern healthcare facilities. Engineered for reliability, it ensures a consistent and safe supply of medical air.

Unrivaled Precision and Reliability

At the core of our Medical Air Plant is a fusion of cutting-edge technology and unwavering reliability. Engineered to provide a seamless and uninterrupted supply of medical compressed air, our system is designed to elevate the standard of care in hospitals and medical centers worldwide.



Key Components

Compressors: Tailored in various models and capacities to meet diverse requirements like duplex, triplex etc.
Air Receivers: Versatile configurations to adapt to different spatial needs.
Filter/Dryer Assembly: Ensures optimal air quality through advanced filtration and desiccant heatless dryers.
Control System: Microprocessor-based, ensuring seamless operation and monitoring.
Interconnecting Pipework & Cabling: Precision-engineered connectivity for optimized functionality.

Performance & Adaptability

Modularity & Configurability: Easily tailored to specific site conditions and customer requirements due to its modular design and versatile configurations.
Pressure Output: Duplex pressure regulators provide adaptable output options for versatile usage for 7 bar or 4 bar.
Compliance: Meets HTM 02-01, HTM 2022, European, and ISO Standards for uncompromising quality and safety.

Benefits

Reliability: Multiple systems ensure an uninterrupted air supply critical for medical facilities.
Safety Assurance: Microprocessor-based control system guarantees safe and monitored operation at all times.
Customization: Modular construction allows easy modifications to suit specific site conditions and preferences.
Compliance & Quality: Adheres to stringent industry standards for high-quality, safe, and compliant operation.
Our Medical Air Plant stands as a testament to quality, reliability, and adherence to the highest standards, ensuring a consistent supply of compressed air for vital healthcare services.

SCREW TYPE COMPRESSORS:

Medicabay's DMD Series is designed to meet the needs of modern screw compressor applications. Offering reliable performance, the DMD Series is well-suited for small and medium-sized enterprises, with a range of features and options. These compact, belt-driven compressors provide efficient power transmission and reliable operation.

SERVICE CONVENIENCE
- All components requiring maintenance are placed under the same cover.
- Safe and swift servicing.
- Reduced service costs.

ENHANCED EFFICIENCY
- Highly efficient screw groups tested under challenging conditions.
- High-efficiency, IP55 protected, and F-class insulated electric motors.
- Designed oil separator for minimal pressure drop and less than 3 ppm oil carryover.

USER COMFORT
- Low noise levels for advantageous workplace proximity installation.
- Easy oil level check with an external oil level sight glass.
- Fluent servicing facilitated by easily removable panels.

AVAILABLE FOR ALL CONDITIONS
- Efficient filtration.
- Powerful fan.
- Large cooler ensuring better cooling airflow.

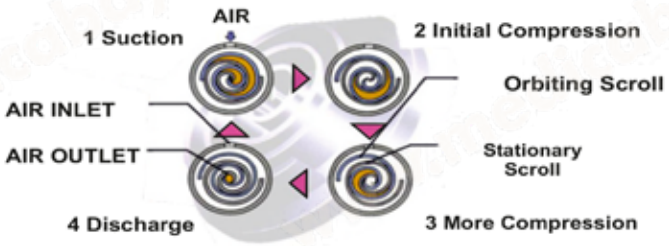
Compressor Model Code	Pressure 8 Bar	Pressure 10 Bar	Pressure 13 Bar	Motor Power kW/hp	Engine Class	Connection Diameter (G)	Dimensions (mm) LengthxWidthxHeight	Weight Kg
DMD 30C	0.37	0.32	-	2,2/3	IE3	1/2"	753 x 526 x 725	120
DMD 40C	0.42	0.38	-	3/4	IE3	1/2"	753 x 526 x 725	125
DMD 55C	0.57	0.50	-	4/5,5	IE3	1/2"	753 x 526 x 725	134
DMD 75C	0.78	0.69	-	5,5/7,5	IE3	1/2"	753 x 526 x 725	138
DMD 100C	1,10	0.96	0.78	7,5/10	IE3	3/4"	590 x 810 x 975	190
DMD 150C	1,60	1,34	1,14	11/15	IE3	3/4"	590 x 810 x 975	200
DMD 200C	2,50	2,24	1,95	15/20	IE3	1"	780 x 1130 x 1220	320
DMD 250C	3,00	2,60	2,28	18,5/25	IE3	1"	780 x 1130 x 1220	335
DMD 300C	3,62	3,12	2,80	22 /30	IE3	1"	780 x 1130 x 1220	355
DMD 400	4,14	3,62	3,15	30/40	IE3	1"	1195 x 920 x 1590	580
DMD 400S	5,32	4,95	4,24	37/50	IE3	1"	1195 x 920 x 1590	600
DMD 500	6,15	5,35	4,10	37/50	IE3	1 1/4"	1195 x 920 x 1590	655
DMD 600	7,10	6,10	5,30	45/60	IE3	1 1/2"	1300 x 1020 x 1765	920
DMD 750	9,10	7,90	6,60	55/75	IE3	1 1/2"	1300 x 1020 x 1765	1000
DMD 1000	12,40	10,80	9,20	75/100	IE3	2"	1550 x 1325 x 1800	1325

SCROLL TYPE COMPRESSORS:

The new breed of compressors is capable of reliably producing compact, quiet, and oil-free air. The compressed air system operates by gradually increasing pressure through the contactless progression of spiral metal components, one stationary and one moving.

Due to the continuous movement, a consistent air supply can be ensured, meeting the demands for uninterrupted air supply.

The VOFS models are specifically designed to produce oil-free air based on the following principles:



ADVANTAGES

• Simple installation and quiet operation:
Ease of installation within operational spaces due to its compact and quiet nature.
Effortless discharge as the exhaust air is devoid of oil.
• Ease of maintenance and energy efficiency:
Ease of maintenance is facilitated by a design that allows easy access to every component.
Gradual operation in multiple models simplifies maintenance.
Simultaneous operation of one or multiple scroll units in multiple models enables energy conservation.
• Consistent Pressure Capability:
The gradual increase in pressure between the fixed and moving scrolls due to continuous movement enables consistent air supply. Thus, uninterrupted air delivery facilitates constant pressure air production.
• Oil-free and Clean Air:
The absence of oil usage during pressure amplification in the compressor ensures clean output air.

Introducing the Medicabay Vortex Scroll Type Compressor, designed to meet the evolving demands for oil-free, efficient, and reliable compressed air solutions in various industrial applications.

Compressor Model Code	Pressure 8 Bar	Pressure 10 Bar	Pressure 13 Bar	Motor power kW/hp	Engine Class	Connection Diameter (G)	Noise dB(A)
VOFS1.5	0,17	-	-	1,5/2	IE3	1/2"	52
VOFS 2.2	0,25	0,21	-	2,2/3	IE3	1/2"	55
VOFS 3.7	0,41	0,345	-	3,7/5,0	IE3	1/2"	58
VOFS 5.5	0,62	0,47	-	5,5/7,5	IE3	1/2"	60
VOFS 7.5	0,88	0,70	-	7,5/10	IE3	1/2"	62
VOFS 11	1,24	0,94	-	11/15	IE3	3/4"	64
VOFS 15	1,76	1,40	-	15/20	IE3	3/4"	65
VOFS 22	2,64	2,10	-	22,5/30	IE3	1"	66
VOFS 30	3,52	2,8	-	30/40	IE3	1"	68

AIR RECIEVING TANKS

Our compressed air tanks are designed to meet industry standards, ensuring reliable performance and safety for medical air plants. Designed in strict compliance with PED 2014/68/EU and 2014/29/EU regulations, these tanks cater to diverse. Our compressed air tanks are meticulously crafted to meet the highest industry standards, ensuring optimal performance and safety for medical air plants. Designed in strict compliance with PED 2014/68/EU and 2014/29/EU regulations, these tanks cater to diverse
pressure requirements, ranging from 1 to 100,000 liters. We prioritize customer satisfaction by maintaining a ready stock of air tanks to swiftly meet your needs.

Quality Assurance

At our core is the commitment to the ISO 9001:2008 Quality Management System, assuring you of the highest standards in manufacturing and service provision. Our dedication to quality control permeates every stage of production, guaranteeing reliability and excellence in every tank we deliver.

Customization Options

We offer tailored solutions to match your specific high-pressure requirements. Our team is adept at manufacturing bespoke tanks, addressing unique pressure needs while upholding the highest safety and quality standards.

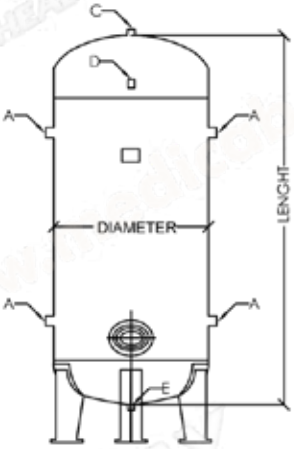
Manufacturing Expertise

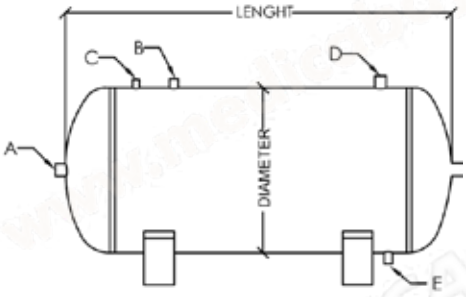
Our professional team employs the submerged arc welding method, ensuring superior structural strength and durability. Welding operations are closely monitored by experienced welding engineers to maintain consistency and precision.

Quality Assurance Certification

We take pride in our welding prowess, backed by the esteemed ISO 3834 certificate. This certification underscores our proficiency and adherence to stringent welding manufacturing standards, assuring you of top-notch quality in every tank.

Our air tanks are available in various pressure specifications:10 Bar, 16 Bar, 40 Bar





Tank Model Code	Capacity	Diameter (mm)	Length (mm)	Pressurre	Thickness (mm)	A	B	C	D	E	Weight (Kg)
100M	100 LT	323	1450	10 Bar	3	1"	1/2"	1/2"	1/2"	1/2"	50
200M	200 LT	450	1450	10 Bar	4	1"	1/2"	1/2"	1/2"	1/2"	85
300M	300 LT	550	1700	10 Bar	4	1"	1/2"	1/2"	1/2"	1/2"	110
500M	500 LT	600	2100	10 Bar	4	1 1/4"	1/2"	1/2"	1"	1/2"	190
1000M	1000 LT	850	2250	10 Bar	5	1 1/4"	1/2"	1/2"	1/2"	1/2"	350
2000M	2000 LT	1150	2350	10 Bar	6	2"	1"	1/2"	3/4"	3/4"	700
3000M	3000 LT	1150	3300	10 Bar	6	2"	1"	1/2"	3/4"	3/4"	880

REFRIGERATED AIR DRYERS:

Enhance Productivity with Clean, Dry Air

Moisture and contaminants are common culprits at the inlet of compressors, leading to increased concentration during the compression process. This elevation in pollutants can result in equipment wear, corrosion, production halts, reduced efficiency, and a shorter equipment lifespan.
Our Refrigerated Air Dryers (CADs) tackle these issues effectively, removing a significant portion of water content by cooling compressed air. This process guarantees a consistent supply of high-quality dry air, significantly enhancing equipment efficiency, productivity, and longevity.

Increased Productivity

By ensuring a continuous supply of clean, dry air, our CADs contribute to enhanced overall productivity, minimizing downtime and optimizing equipment performance.

Improved Product Quality

The quality of your end product receives a substantial boost with the removal of moisture and contaminants from the air supply, resulting in higher-quality output.

Equipment Protection

Shield your downstream equipment against corrosion, rust, and leaks. Our refrigerated air dryers act as a protective barrier, ensuring the longevity and optimal functioning of your valuable machinery.

Dryer Model Code	Pressure Bar max.	Capacity m³/min	Motor Power kW	Connection Dia (G)	Size Width x Length x Height	Weight (Kg)
CAD 11	16	0,66	0,25	1/2"	350x500x450	19
CAD 15	16	0,9	0,26	1/2"	350x500x450	21
CAD 21	16	1,2	0,26	3/4"	350x500x450	25
CAD 30	16	1,83	0,26	3/4"	350x500x450	27
CAD 42	16	2,5	0,6	1"	370x500x764	44
CAD 53	14	3,1	0,67	1"	370x500x764	44
CAD 61	14	3,6	0,79	1 1/2"	460x560x789	53
CAD 70	14	4,1	0,87	1 1/2"	460x560x789	60
CAD 91	14	5,4	1	1 1/2"	460x560x789	65
CAD 110	14	6,5	1,2	1 1/2"	580x590x899	80
CAD 130	14	7,7	1,44	1 1/2"	580x590x899	80
CAD 170	14	10	1,80	2"	735x898x962	128
CAD 200	14	12	2	2"	735x898x962	146
CAD 250	14	15	2,6	2"	735x898x962	158
CAD 301	14	18	3,5	2"	735x898x962	165
CAD 401	14	24	3,9	3"	1020x1082x1535	325
CAD 501	14	30	4,45	3"	1020x1082x1535	335
CAD 585	14	35	5,5	3"	1020x1082x1535	350
CAD 750	14	45	6,5	DN 125	1020x1082x1535	500
CAD 850	14	50	6,8	DN 125	1020x1082x1535	550
CAD1150	14	70	10,2	DN 125	1020x1082x1535	600
CAD1400	14	84	12,3	DN 125	1020x1082x1535	650

ADSORPTION AIR DRYERS:

Discover Medicabay's Modular Desiccant Dryers, designed to provide efficient and reliable air drying solutions. Combining proven dryer principles with modern innovations, these dryers are engineered for critical dry air applications, offering adaptability and consistent performance.

Key Features

Precision Control: Advanced microprocessors ensure precise performance and energy efficiency.
Capacity Range: Spanning 9 m^3/h to 600 m^3/h, meeting diverse air treatment needs.
Efficiency Priority: Low-pressure drop design for maximum operational efficiency.
Compact & Adaptable: Lightweight, small footprint for versatile installation.
Robust Build: Corrosion-protected aluminum construction ensures durability.
Reliable Electronics: Hassle-free controls ensure uninterrupted operation.
Flexible Mounting: Options include floor, bench, or wall-mounting.
Quiet Operation: Suitable for various work environments without disruptions.
Easy Maintenance: Streamlined procedures for user convenience.
Effective Filtration: Includes pre-fine particle filters for high-quality air output.
Energy Efficiency: Max 50 Watts consumption for cost-effectiveness.
Regeneration Capability: Maintains optimal performance at -40°C dew temperature.
Precise Dew Degree Control: Achieves -40°C dew degree for superior moisture removal.

Dryer Model Code	Capacity			Connection	Max. Pressure
	l/min	m^3/ hour	cfm	Size	barg / psig
MD 9	150	9	5,3	1/2"	12 / 174
MD 12	200	12	7,1	1/2"	12 / 174
MD 15	250	15	8,8	1/2"	12 / 174
MD 18	300	18	10,6	1/2"	12 / 174
MD 21	350	21	12,4	1/2"	12 / 174
MD 24	400	24	14,1	1/2"	12 / 174
MD 30	500	30	17,6	1/2"	12 / 174
MD 45	750	45	26,5	1/2"	12 / 174
MD 60	1000	60	35,3	1/2"	12 / 174
MD 90	1500	90	52,9	1/2"	12 / 174
MD 110	1830	110	64,7	1/2"	12 / 174
MD 130	2160	130	76,5	3/4"	12 / 174
MD 150	2500	150	88,2	3/4"	12 / 174
MD 200	3330	200	117,6	1"	12 / 174
MD 250	4160	250	147,1	1"	12 / 174
MD 300	5000	300	176,5	11/2"	12 / 174
MD 450	7500	450	247,1	11/2"	12 / 174
MD 600	10000	600	353	11/2"	12 / 174

Efficiency in Compact Design

Medicabay Modular Desiccant Dryers revolutionize air treatment. Compact and lightweight, they ensure precise air treatment for diverse critical applications, all while fitting seamlessly into various configurations.

MEDICAL AIR FILTERS:

Medicabay presents a specialized line of compressed air filters, meticulously engineered to meet ISO-8573.1:2010 standards for medical air plants:

OF Series: General Purpose Filter
Dust-proof filtering for Refrigerated Dryers and Vacuum Pumps.

SF Series: Dryer Inlet Filter
Ideal for Refrigerated and Dessicant Dryers, ensuring clean air for pneumatic equipment.

PF Series: Dryer Outlet Fine Filter
Perfect for precision instruments, spray painting systems, and medical industries.

CF Series: Active Carbon Filter
Designed for medical and pharmaceutical applications, ensuring pure breathing air.

SCF Series: Fine Filter
Effective removal of particles and oil vapors.

Medicabay guarantees unmatched air quality, meeting the stringent demands of medical environments.
Contact us for detailed specifications and personalized support.

ELEMENT TYPE Element Definition	UNIT	OF GRADE Prefilter	SF GRADE General Purpose Filter	PF GRADE Fine Filter	CF GRADE Active Carbon Filter	SCF GRADE Sterile Filter
Partical Removal	micron	3	0,1	0,01	-	0,01
Max Oil Carryover at 21 °C	mg/m³	-	0,1	0,01	0,003	0,01
Initial Pressure Loss (New&Dry)	mbar	35	60	80	60	80
Pressure Loss far Element Change	mbar	700	700	700	6 months	6 months

Filter Model Code	Filter Capacity		Connection	Working Pressure		Filter Element Cchange			Filter Size & Weight		
	m³/hr	lt / min		Max.	Min.	Model	Hour	P (bar)	Q (mm)	H (mm)	Weight (kg)
F014	87	1 .450	1/2"	16 Bar	2 Bar	EF014	3.500	0.7	95	275	1,24
F018	108	1.800	3/4"	16 Bar	2 Bar	EF018	3.500	0.7	95	275	1,322
F030	180	3.000	1"	16 Bar	2 Bar	EF030	3.500	0,7	120	300	2,155
F040	240	4.000	1"	16 Bar	2 Bar	EF040	3.500	0,7	120	300	2,214
F060	360	6.000	1 1/2"	16 Bar	2 Bar	EF060	3.500	0.7	120	400	2,396
F075	450	7.500	1 1 /2"	16 Bar	2 Bar	EF075	3.500	0.7	120	400	2,416
F110	660	11.000	1 1/2"	16 Bar	2 Bar	EF110	3.500	0.7	120	565	4,100
F160	900	15.000	2"	16 Bar	2 Bar	EF160	3.500	0.7	175	570	6,998
F210	1200	20.000	2"	16 Bar	2 Bar	EF210	3.500	0.7	175	695	8,274
F300	1800	30.000	3"	16 Bar	2 Bar	EF300	3.500	0.7	210	655	9,188
F400	2400	40.000	3"	16 Bar	2 Bar	EF400	3.500	0,7	210	815	10,98
F500	3000	50.000	3"	16 Bar	2 Bar	EF500	3.500	0,7	210	980	12,37

PRESSURE REDUCER PANELS:

Our Pressure Reducer Panel Boards maintain precise output pressure for Medical Compressed Air Plants. Ensuring accuracy and safety, these panels regulate pressure levels vital for Hospital Medical and Technical Air Lines.

Specifications:

Input Pressure: 0—16 Bar
Output Pressure Range: 0—10 Bar
Capacity: 30 m3/h—90 m3/h, 90 m3/h—160 m3/h
Reducer Set Pressure:
Medical Air: 4.5 Bar (Output: 4 Bar)
Surgical Air: 7.5 Bar (Output: 7 Bar)

MEDICAL & SURGICAL AIR REDUCTION PANEL

MEDICAL AIR PLANT CONTROL PANELS:

The Automatic Control Panel offers remote control and aging for up to 4 compressors, ensuring precise air pressure regulation with its pressure sensor and software. It caters to both manual and automatic compressors, featuring relay output checks, fault detection, and automatic switchovers for uninterrupted operation.

Technical Specifications:

Control Capability: The system is designed to provide the simultaneous management and monitoring of up to four compressors, ensuring optimized operational efficiency and performance for a wide range of applications. Each compressor can be individually controlled while maintaining balanced system operation.

Display:

- 2x16 Blue-lit Alphanumeric Screen
- 30mm Digital Pressure Indicator

Monitoring: 8 LED Tank Fill Indicator
Connectivity: RS485 - MODBUS data transfer
Scientific Adaptability: Bar, PSI, mmHg, cmHg, ATM, pa, Kpa, Mpa options
Safety Features: Emergency Stop Button
Efficiency: In case of overconsumption or sudden demand spikes, the system automatically activates an auxiliary compressor to ensure uninterrupted air supply. This feature helps maintain efficiency while minimizing energy consumption and mechanical wear, ensuring a more sustainable operation.
Operation Tracking: Separate operating time counters for each compressor
Modes: Automatic and Manual control
System Integrity: Separate boards for compressed air plants
Protection: ESD and voltage spike protection
Control System: Microprocessor-controlled electronics
Language Options: Multi-language support

HIGH CAPACITY REDUCTION PANEL

AUTOMATIC CONTROL PANEL

PRODUCT CODES
For "**Compressed Medical Air Plant 80m3/h**" Code will be like;
"MGS.MAP.DRS0030.VDM5.SRD030.DFS030"
Before product code D means double, S means single.

COMPRESSOR TYPE		TANK TYPE		AIR DRYER TYPE		FILTER TYPE	
Rotary Screw Type	Scroll Type	Horizontal	Vertical	Refrigerated Dryer	Adsorption Dryer	Filter Set	Size
m³/hr - @10 bar	m³/hr - @8 bar	Liters - @10 Bar		m³/hr - @10 bar	m³/hr - @10 bar		m³/hr
RS0030/19m³/h RS0040/22m³/h RS0055/30m³/h RS0075/41m³/h RS0100/57m³/h RS0150/80m³/h RS0200/134m³/h RS0250/156m³/h RS0300/187m³/h RS0400/217m³/h RP0400/297m³/h RS0500/321m³/h RS0600/366m³/h RS0750/474m³/h RS1000/648m³/h	SC0015/10m³/h SC0022/15m³/h SC0037/24m³/h SC0055/37m³/h SC0075/52m³/h SC0110/74m³/h SC0150/105m³/h SC0220/158m³/h SC0300/211m³/h	M1/100 Liters M2/200 Liters M3/300 Liters M5/500 Liters M10/1000 Liters M20/2000 Liters M30/3000 Liters		RD011/36 m³/h RD015/51 m³/h RD021/72 m³/h RD030/110 m³/h RD042/141 m³/h RD053/180 m³/h RD061/216 m³/h RD070/246 m³/h RD091/312 m³/h RD110/390 m³/h RD130/462 m³/h RD170/600 m³/h RD200/720 m³/h RD250/900 m³/h RD301/1080 m³/h RD401/1440 m³/h	AD009/9 m³/h AD012/12 m³/h AD015/15 m³/h AD018/18 m³/h AD021/21 m³/h AD024/24 m³/h AD030/30 m³/h AD045/45 m³/h AD060/60 m³/h AD090/90 m³/h AD110/110 m³/h AD130/130 m³/h AD150/150 m³/h AD200/200 m³/h AD250/250 m³/h AD300/300 m³/h AD450/450 m³/h AD600/600 m³/h	FS014 FS018 FS030 FS040 FS060 FS075 FS110 FS160 FS210 FS300 FS400 FS500	87 m³/h 108 m³/h 180 m³/h 240 m³/h 360 m³/h 450 m³/h 660 m³/h 900 m³/h 1200 m³/h 1800 m³/h 2400 m³/h 3000 m³/h

MEDICABAY MAP SERIES - MEDICAL AIR PLANTS

MEDICAL AIR PLANT MODEL CODE	TYPE	PRESSURE (bar)	CAPACITY OF EACH COMPRESSOR (m3/h)	CAPACITY OF EACH COMPRESSOR (lpm)	NET PLANT OUTPUT HTM02-01 (m^3/h)	NET PLANT OUTPUT HTM02-02 (lpm)	POWER (kW)	NOISE LEVEL (dB(A))
MGS.MAP.2C030	Duplex		19,2	320	18,24	304		
MGS.MAP.3C030	Triplex	10 bar	19,2	320	18,24	304	2,2	67
MGS.MAP.4C030	Quadruplex		19,2	320	36,48	608		
MGS.MAP.2C040	Duplex		22,8	380	21,66	361		
MGS.MAP.3C040	Triplex	10 bar	22,8	380	21,66	361	3	67
MGS.MAP.4C040	Quadruplex		22,8	380	43,32	722		
MGS.MAP.2C055	Duplex		30	500	28,5	475		
MGS.MAP.3C055	Triplex	10 bar	30	500	28,5	475	4	68
MGS.MAP.4C055	Quadruplex		30	500	57	950		
MGS.MAP.2C075	Duplex		41,4	690	39,33	655,5		
MGS.MAP.3C075	Triplex	10 bar	41,4	690	39,33	655,5	5,5	68
MGS.MAP.4C075	Quadruplex		41,4	690	78,66	1311		
MGS.MAP.2C100	Duplex		57,6	960	54,72	912		
MGS.MAP.3C100	Triplex	10 bar	57,6	960	54,72	912	7,5	68
MGS.MAP.4C100	Quadruplex		57,6	960	109,44	1824		
MGS.MAP.2C150	Duplex		80,4	1340	76,38	1273		
MGS.MAP.3C150	Triplex	10 bar	80,4	1340	76,38	1273	11	68
MGS.MAP.4C150	Quadruplex		80,4	1340	152,76	2546		
MGS.MAP.2C200	Duplex		134,4	2240	127,68	2128		
MGS.MAP.3C200	Triplex	10 bar	134,4	2240	127,68	2128	15	68
MGS.MAP.4C200	Quadruplex		134,4	2240	255,36	4256		
MGS.MAP.2C250	Duplex		156	2600	148,2	2470		
MGS.MAP.3C250	Triplex	10 bar	156	2600	148,2	2470	18,5	69
MGS.MAP.4C250	Quadruplex		156	2600	296,4	4940		
MGS.MAP.2C300	Duplex		187,2	3120	177,84	2964		
MGS.MAP.3C300	Triplex	10 bar	187,2	3120	177,84	2964	22	71
MGS.MAP.4C300	Quadruplex		187,2	3120	355,68	5928		
MGS.MAP.2C400	Duplex		217,2	3620	206,34	3439		
MGS.MAP.3C400	Triplex	10 bar	217,2	3620	206,34	3439	30	74
MGS.MAP.4C400	Quadruplex		217,2	3620	412,68	6878		
MGS.MAP.2C401	Duplex		297	4950	282,15	4702,5		
MGS.MAP.3C401	Triplex	10 bar	297	4950	282,15	4702,5	37	75
MGS.MAP.4C401	Quadruplex		297	4950	564,3	9405		
MGS.MAP.2C500	Duplex		321	5350	304,95	5082,5		
MGS.MAP.3C500	Triplex	10 bar	321	5350	304,95	5082,5	37	75
MGS.MAP.4C500	Quadruplex		321	5350	609,9	10165		
MGS.MAP.2C600	Duplex		366	6100	347,7	5795		
MGS.MAP.3C600	Triplex	10 bar	366	6100	347,7	5795	45	75
MGS.MAP.4C600	Quadruplex		366	6100	695,4	11590		
MGS.MAP.2C750	Duplex		474	7900	450,3	7505		
MGS.MAP.3C750	Triplex	10 bar	474	7900	450,3	7505	55	75
MGS.MAP.4C750	Quadruplex		474	7900	900,6	15010		
MGS.MAP.2C101	Duplex		648	10800	615,6	10260		
MGS.MAP.3C101	Triplex	10 bar	648	10800	615,6	10260	75	76
MGS.MAP.4C101	Quadruplex		648	10800	1231,2	20520		

MVP SERIES - Medical Vacuum Plants

Medicabay introduces Medical Vacuum Plants designed to provide reliable central vacuum (Aspiration) supply in hospitals. Engineered to meet the needs of modern healthcare environments, our systems support smooth operations in critical areas such as Operating Rooms, Intensive Care Units, and Patient Rooms, ensuring optimal patient care.

Vacuum Pumps:

Our systems are equipped with two, three, or four high-performance rotary vane vacuum pumps, meticulously engineered to deliver consistent and reliable vacuum supply, even during periods of peak demand.

Bacteria Filter Group:

At the heart of our Medical Vacuum Plants lies a sophisticated bacterial filter group, boasting single or double filters with an extraordinary 99.995% efficiency. By eliminating contaminants from the vacuum supply, we prioritize patient safety and uphold the highest standards of hygiene and infection control.

Vacuum Tank:

Horizontal or vertical vacuum receiver(s) provide a stable pressure environment, acting as a buffer to minimize fluctuations in vacuum supply and ensuring smooth and uninterrupted operation.

Alarm Unit:

Our integrated alarm system stands as a sentinel, promptly alerting hospital staff to any deviations or malfunctions, thus guaranteeing swift response and the integrity of the system.

Electric Control Panel and Connection:

The nerve center of our Medical Vacuum Plants, our automatic control panel, equipped with microprocessor controllers and an intuitive LCD display, offers seamless monitoring and adjustment of system parameters. With highly visible indicators and user-friendly push buttons, operation and maintenance are streamlined for maximum efficiency.

LUBRICATED VACUUM PUMPS:

Medicabay's lubricated rotary vane vacuum pumps are designed to handle moisture-laden intake flows and provide reliable performance in various industrial applications. Engineered for efficiency, these pumps deliver consistent final pressure for demanding environments.

LC20 & LC25
Compact Powerhouses

- Oil check valve
- Exhaust mist eliminator
- Automatic floating oil recovery valve
- Adjustable inlet fitting
- Continuously working gas ballast
- Thermal protector (1~ only)

LC40 & LC60
Enhanced Efficiency

- Oil check valve
- Exhaust mist eliminator
- Automatic floating oil recovery valve
- Gas ballast with manual cut-off valve
- Shock mounts
- Oil filter with by-pass

LC106 & LC151
Next-Level Performance

- Oil check valve
- Exhaust mist eliminator
- Automatic floating oil recovery valve
- Gas ballast with manual cut-off valve
- Shock mounts
- Oil filter with by-pass
- Flexible transmission coupling

LC 205 & LC305
Unmatched Versatility

- Oil check valve
- Exhaust mist eliminator
- Automatic floating oil recovery valve
- Gas Ballast with manual override valve
- Shock mounts
- Oil filter with by-pass
- Flexible transmission coupling
- BV100 (SW100) Oil Pack

In collaboration with DVP Vacuum Pumps, Medicabay introduces a pragmatic solution to the medical vacuum supply landscape. With a focus on reliability and practicality, DVP Vacuum Pumps bring efficiency to healthcare facilities worldwide. By combining DVP's renowned expertise with Medicabay's commitment to simplicity and functionality, our Medical Vacuum Plants offer a no-nonsense approach to meeting the essential vacuum supply needs of hospitals.

PUMP MODELS		LC.20 50 Hz	LC.25 50 Hz	LC.40 50 Hz	LC.60 50 Hz	LC.106 50 Hz	LC.151 50 Hz	LC 205 50Hz	LC 305 50Hz
Nominal capacity	m³/h	20	25	40	60	106	151	205	305
Total final pressure (Abs)	mbar - hPa	2	0,5	0,1	0,1	0,1	0,1	0,1 *	0,1 *
Max inlet pressure for water vapour	mbar - hPa	15	40	14 *	15 *	11 *	11 *	25 **	25 **
Max water vapour pumping rate	kg/h	0,25	0,7	0,5 *	0,7 *	1 *	1,4 *	3,5 **	5 **
Motor power	(1~/3~) kW	0,75 / 0,75	0,75 / 0,75	1,1 / 1,1	1,5 / 1,5	2,2 **	3,3 **	5,5	7,5
Nominal r.p.m.	n/min	2800	1400	1400	1400	1400	1400	1400	1400
Noise level (UNI EN ISO 2151 - K 3dB)	dB(A)	64	57	64	66	66	68	70	71
Weight	(1~/3~) kg [N]	19 [186,4]	26 [255,0]	46,5 [418]	46 [414]	70,5 [691,6]	80 [784,8]	170 [1667,5]	180 [1765,8]
Continuous-duty working range (Abs)	mbar - hPa	400 ÷ 2	400 ÷ 0,5	65 ÷ 70	70 ÷ 75	400 ÷ 0,1	400 ÷ 0,1	400 ÷ 0,1	400 ÷ 0,1
Operating temperature @ 20°C	°C	60 ÷ 65	80 ÷ 85	400 ÷ 0,1	400 ÷ 0,1	75 ÷ 80	75 ÷ 80	70 ÷ 75	75 ÷ 80

VACUUM TANKS

Our medical vacuum tanks are meticulously crafted to meet the highest industry standards, ensuring optimal performance and safety for medical vacuum plants. Designed in strict compliance with PED 2014/68/EU and 2014/29/EU regulations, these tanks cater to diverse. Our medical vacuum tanks are meticulously crafted to meet the highest industry standards, ensuring optimal performance and safety for medical vacuum plants. Designed in strict compliance with PED 2014/68/EU and 2014/29/EU regulations, these tanks cater to diverse pressure requirements, ranging from 1 to 100,000 liters. We prioritize customer satisfaction by maintaining a ready stock of vacuum tanks to swiftly meet your needs.

Quality Assurance

At our core is the commitment to the ISO 9001:2008 Quality Management System, assuring you of the highest standards in manufacturing and service provision. Our dedication to quality control permeates every stage of production, guaranteeing reliability and excellence in every tank we deliver.

Customization Options

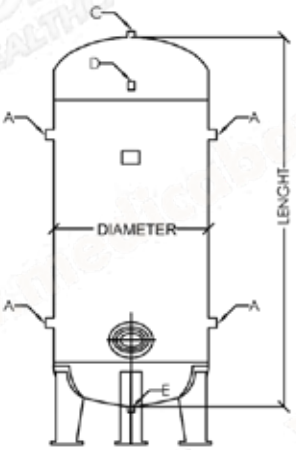
We offer tailored solutions to match your specific high-pressure requirements. Our team is adept at manufacturing bespoke tanks, addressing unique pressure needs while upholding the highest safety and quality standards.

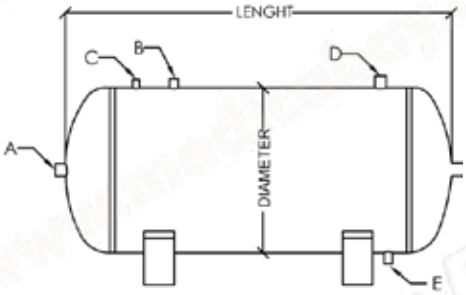
Manufacturing Expertise

Our professional team employs the submerged arc welding method, ensuring superior structural strength and durability. Welding operations are closely monitored by experienced welding engineers to maintain consistency and precision.

Quality Assurance Certification

We take pride in our welding prowess, backed by the esteemed ISO 3834 certificate. This certification underscores our proficiency and adherence to stringent welding manufacturing standards, assuring you of top-notch quality in every tank.





Tank Model Code	Capacity	Diameter (mm)	Length (mm)	Pressure	Thickness (mm)	A	B	C	D	E	Weight (Kg)
100V	100 LT	323	1450	-1 Bar	3	1"	1/2"	1/2"	1/2"	1/2"	65
200V	200 LT	450	1450	-1 Bar	4	1"	1/2"	1/2"	1/2"	1/2"	100
300V	300 LT	550	1700	-1 Bar	4	1"	1/2"	1/2"	1/2"	1/2"	130
500V	500 LT	600	2100	-1 Bar	4	1 1/4"	1/2"	1/2"	1"	1/2"	225
1000V	1000 LT	850	2250	-1 Bar	5	1 1/4"	1/2"	1/2"	1/2"	1/2"	450
2000V	2000 LT	1150	2350	-1 Bar	6	2"	1"	1/2"	3/4"	3/4"	870
3000V	3000 LT	1150	3300	-1 Bar	6	2"	1"	1/2"	3/4"	3/4"	1100

MEDICAL VACUUM FILTERS:

Ensure the utmost in quality, endurance, and precision with our V Series Medical Vacuum Filters. Crafted from aluminum alloy through injection casting, our filters boast a corrosion-resistant housing designed to withstand the rigors of medical environments. Electrostatic painting further enhances corrosion protection, making our filters suitable for all weather conditions.

Compliant with EN 2014-68 norms and regulations, our filters guarantee reliability and adherence to industry standards. Equipped with a manual drain as a standard feature, they offer convenience and ease of maintenance. Additionally, for enhanced functionality, a optional Differential Pressure Gauge Indicator can be installed upon request, providing real-time monitoring capabilities.

Our filters feature oil-repellant borosilicate glass fiber filter media, ensuring efficient oil filtration. Ideal for applications such as upstream pump protection and downstream exhaust filtration, they effectively filter dust and oil vapor, providing reliable protection and performance for vacuum pumps.

CHASIS MOUNTED DOUBLE FILTER SET

PLATE MOUNTED SINGLE FILTER SET

BACTERIA FILTER

WATER SEPERATOR FILTER

Filter Mode Code	Filter Capacity		Connection Size	Working Temp.		Filter Element
	m³/h	Lt / Min		Max.	Min.	(OV)
V014	12	200	1/2″	80 C°	2 C°	EVOF012
V018	16	267	3/4″	80 C°	2 C°	EVOF016
V030	34	567	1″	80 C°	2 C°	EVOF025
V040	50	833	1″	80 C°	2 C°	EVOF036
V060	85	1.417	1 1/2″	80 C°	2 C°	EVOF050
V075	115	1.917	1 1/2″	80 C°	2 C°	EVOF065
V110	135	2.250	1 1/2″	80 C°	2 C°	EVOF100
V160	160	2.667	2″	80 C°	2 C°	EVOF150
V210	200	3.333	2″	80 C°	2 C°	EVOF200
V300	250	4.167	3″	80 C°	2 C°	EVOF300
V400	360	6.000	3″	80 C°	2 C°	EVOF400
V500	490	8.167	3″	80 C°	2 C°	EVOF500

VACUUMMETER FOR TANK

MECHANICAL PRESSURE SWITCH

VACUUM PUMP SET ON CHASIS

MEDICAL VACUUM PLANT CONTROL PANELS:

The Medical Vacuum Pump Control Panel is designed for efficient remote control of compressors or vacuum pumps. Featuring a control panel mounted on the head and advanced control capabilities, it ensures consistent performance and controlled aging for up to 4 compressors or motors.

Equipped with its own pressure sensor and intelligent software, it maintains tank pressure at the desired level. The panel supports both manual and automatic compressors, offering flexibility, and includes load valve control, emergency stop input, and individual channel customization for each compressor or motor.

Technical Features:

- Control up to 4 separate vacuum pumps simultaneously.
- Features a 2x16 blue backlit alphanumeric display and a 30mm digital pressure gauge.
- Tank full indicator with 8 LEDs for clear status indication.
- RS485 - MODBUS compatibility enables seamless data transfer.
- Selectable units include bar, PSI, mmHg, cmHg, ATM, pa, Kpa, Mpa, catering to diverse scientific applications.
- Sensor input for filter contamination control ensures optimal performance.
- Emergency stop input button for added safety.
- Automatic backup compressor commissioning in case of excessive consumption.
- Separate runtime counter for each engine facilitates maintenance tracking.
- Offers both automatic and manual control modes.
- Available in different configurations for vacuum and dry air plants.
- Inputs are protected against ESD and voltage spikes for enhanced durability.
- Microprocessor-controlled electronic system ensures reliability.
- Multi-language options for user convenience.

AUTOMATIC CONTROL PANEL

AUTOMATIC CONTROL PANEL

Features & Benefits:

Fully Automated Operation: Our automatic control panel ensures the efficient management of plant operations, optimizing performance and reliability without the need for manual intervention.

Compliance & Certification: Medicabay Medical Vacuum Plants adhere rigorously to HTM 02-01, HTM 2022 standards, and are CE marked under Medical Device Directive 93/42/EEC, affirming our unwavering commitment to quality and safety.

Modular Design: From simplex to quadruplex systems, our range of configurations offers scalability and customization, catering to the unique requirements of every healthcare facility.

Factory Tested & Assembled: Each plant undergoes meticulous testing and quality assurance measures before delivery, ensuring seamless integration and immediate functionality upon installation.

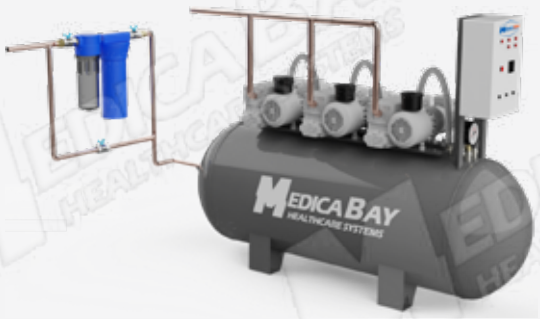
Maintenance Efficiency: Our modular design and isolation valves facilitate easy maintenance without interrupting vacuum supply, minimizing downtime and ensuring continuous operation.

PRODUCT CODES

You can order your Medical Vacuum Plant by the codes down below. For ordering you can ask for order sheets.
For "Medical Vacuum Plant Duplex 40m3/h with 500 Liter Tank with Duplex Filter Set" Code will be like down below.

"MGS.MVP.DMP040.HV5.DFV040"

PUMP TYPE OIL LUBRICATED PUMP m3/h - @-1 bar	TANK TYPE HORIZONTAL VERTICAL Liters - @-1 Bar	FILTER TYPE FILTER SET	 SIZE m3/h
MP020 /20m3/h MP025 /25m3/h MP040 /40m3/h MP060 /60m3/h MP106 /106m3/h MP151 /151m3/h MP205 /205m3/h MP305 /305m3/h	V1/100 Liters V2/200 Liters V3/300 Liters V5/500 Liters V10/1000 Liters V20/2000 Liters V30/3000 Liters	FV014	12 m3/h
		FV018	16 m3/h
		FV030	34 m3/h
		FV040	50 m3/h
		FV060	85 m3/h
		FV075	115 m3/h
		FV110	135 m3/h
		FV160	160 m3/h
		FV210	200 m3/h
		FV300	250 m3/h
		FV400	360 m3/h
		FV500	490 m3/h



MEDICAL VACUUM PLANT HORIZONTAL

MEDICAL VACUUM PLANT VERTICAL

MEDICAL VACUUM PLANT MODEL CODE	TYPE	CAPACITY OF EACH PUMP (lpm)		CAPACITY OF EACH PUMP (m³/h)		NET PLANT OUTPUT HTM02-01 (lpm)		NET PLANT OUTPUT HTM02-01 (m³/h)		POWER kW		NOISE LEVEL dB(A)	
		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
MGS.MVP.2P020	Duplex					333	400	20	24				
MGS.MVP.3P020	Triplex	333	400	20	24	333	400	20	24	0,75	0,90	64	67
MGS.MVP.4P020	Quadruplex					667	800	40	48				
MGS.MVP.2P025	Duplex					417	483	25	29				
MGS.MVP.3P025	Triplex	417	483	25	29	417	483	25	29	0,75	0,90	57	59
MGS.MVP.4P025	Quadruplex					833	967	50	58				
MGS.MVP.2P040	Duplex					667	800	40	48				
MGS.MVP.3P040	Triplex	667	800	40	48	667	800	40	48	1,10	1,35	64	66
MGS.MVP.4P040	Quadruplex					1333	1600	80	96				
MGS.MVP.2P060	Duplex					1000	1200	60	72				
MGS.MVP.3P060	Triplex	1000	1200	60	72	1000	1200	60	72	1,50	1,80	66	68
MGS.MVP.4P060	Quadruplex					2000	2400	120	144				
MGS.MVP.2P106	Duplex					1767	2117	106	127				
MGS.MVP.3P106	Triplex	1767	2117	106	127	1767	2117	106	127	2,20	2,70	66	68
MGS.MVP.4P106	Quadruplex					3533	4233	212	254				
MGS.MVP.2P151	Duplex					2517	3017	151	181				
MGS.MVP.3P151	Triplex	2517	3017	151	181	2517	3017	151	181	3,30	3,70	68	70
MGS.MVP.4P151	Quadruplex					5033	6033	302	362				
MGS.MVP.2P205	Duplex					3417	4083	205	245				
MGS.MVP.3P205	Triplex	3417	4083	205	245	3417	4083	205	245	5,50	6,60	70	73
MGS.MVP.4P205	Quadruplex					6833	8167	410	490				
MGS.MVP.2P305	Duplex					5083	6083	305	365				
MGS.MVP.3P305	Triplex	5083	6083	305	365	5083	6083	305	365	7,50	9,00	71	74
MGS.MVP.4P305	Quadruplex					10167	12167	610	730				

AGS SERIES - Medical Ags Plants

Medicabay offers Anaesthesia Gas Scavenging (AGS) plants designed to help create a safer working environment for medical personnel. Our AGS systems effectively remove anaesthetic gas mixtures from operating rooms and areas with nitrous oxide terminal units, reducing exposure to potentially harmful gases and supporting the health and safety of medical staff.

Key Features:

Duplex Configuration: Each AGS plant comprises two robust die-cast aluminium side channel blowers, meticulously pre-piped, pre-wired, and factory-tested for seamless integration and optimal performance. The automatic standby pump activation ensures uninterrupted operation, even in high-demand scenarios or pump failure situations.

Efficient Waste Disposal: Designed to eliminate the release of harmful anaesthetic gases into the atmosphere, our AGS systems promote responsible waste disposal, contributing to a safer and healthier environment for all.

Versatile Installation Options: Whether you opt for a pump system or a venturi system, our AGS solutions offer flexible installation options to suit your facility's specific layout and requirements, ensuring seamless integration and optimal performance.

Compact and Maintenance-Friendly Design: Engineered with a compact footprint and modular design, our AGS plants maximize space utilization and ease of maintenance, minimizing downtime and operational disruptions.

Integrated Alarm System: Equipped with an advanced integrated network alarm system, our AGS plants provide real-time alerts and notifications, enabling proactive maintenance and ensuring continuous system reliability.

User-Friendly Operation: Offering both automatic and manual operation modes, our AGS systems provide flexibility and ease of use, empowering facility staff to manage system operations efficiently and effectively.

High-Quality Materials: Constructed with advanced design principles and premium-quality materials, our AGS systems deliver superior performance, durability, and longevity, ensuring long-term reliability and peace of mind.

Comprehensive Compliance Standards: Our AGS solutions comply with NF EN ISO 7396-1 and HTM BS standards, reflecting our unwavering commitment to upholding the highest quality and safety standards in the industry.

ANAESTHESIC GAS SCAVENGING BLOWERS:

Our Single Stage TSL Blowers are meticulously engineered to excel in both gas suction and compression tasks, ensuring optimal performance and safety across various applications. Crafted with precision and adhering to stringent standards, these blowers offer a host of advantages, making them an indispensable choice for industries seeking reliability and efficiency.

The TSL blowers are connected directly to a two poles (2800/330 rpm), three phase or single phase asynchronous TEFC, 50/60 Hz motor with an IP 55 grade protection according to the IEC 34.1 standards and it is equipped with heat protector (PTO) on the winding.

Key Features:

Lubricant-Free Operation: The absence of lubricants ensures that no oils contaminate the compressed fluids, maintaining purity and quality.

High-Quality Motor: Directly connected to a two-pole, three-phase, or single-phase asynchronous TEFC motor operating at 50/60 Hz, providing consistent power and reliability. Motor complies with IP 55 grade protection as per IEC 34.1 standards, equipped with a heat protector (PTO) for enhanced safety.

Advantages:

Low Maintenance: With no need for lubrication, our blowers offer hassle-free operation, reducing maintenance costs and downtime.
Fluid Purity: Eliminating the risk of contamination ensures the integrity of conveyed fluids, meeting stringent quality standards.
Quiet Operation: Engineered for silent operation, our blowers minimize noise levels, contributing to a conducive working environment.
Compact Design: Compact in size and lightweight, our blowers are space-efficient and easy to maneuver, facilitating seamless installation and integration.

Stability and Vibration-Free: Designed for stability, our blowers operate without vibrations, ensuring smooth and reliable performance.

BLOWER MODELS		TSL 40 50 Hz	TSL 80 50 Hz	TSL 100 50 Hz	TSL 150 50 Hz	TSL 210 50 Hz	TSL 270 50 Hz
Nominal capacity	m^3/h	70	80	100	145	210	270
Motor power	(1~) kW	0.2	0.4	0.55	0.8	1,5	1,5
Power Supply	V±5%	220	220	220	220	220	220
Absorption	A	2,97	2,97	4,07	5,72	11,4	11,4
Vacuum	mbar	-100	-110	-120	-150	-190	-150
Pressure	mbar	+100	+110	+120	+160	+210	+140
Noise level (UNI EN ISO 2151 - K 3dB)	dB(A)	48	53	55	63	64	64
Weight	kg [N]	7 [68,6]	11 [107,8]	13 [127,4]	15 [147]	24 [235,2]	26 [254,8]

ANAESTHESIA GAS SCAVENGING CONTROL PANELS:

The AGS anesthetic gas evacuation system controller ensures that the anesthetic gases accumulated in the operating room are safely removed from the working environment and released into the atmosphere. Thus, pollution of the air in the operating room environment is prevented and a safe and healthy working environment is provided for the personnel. AGS controller ; It checks the working conditions of the 2 vacuum pumps connected to the system and gives an audible and visual warning in case of malfunction. There is always one main spare engine. With the help of an analog pressure sensor connected to the outlet line, the outlet line pressure is continuously monitored. If the outlet line pressure rises above the set range, it gives an audible and visual warning.

AGS PLANT CONTROL PANEL

Technical Features:

- Possibility to control 2 separate blower pumps
- 2x16 Blue backlit alphanumeric display
- Remotely visible alarm and warning LEDs
- Warning leds showing that the engines are original, spare or defective
- Output pressure measurement and alarm limit setting
- Possibility of data transfer with RS485 - MODBUS
- Emergency stop button
- Separate runtime counter for each engine
- Possibility of automatic and manual control
- Inputs protected against ESD and voltage spikes
- Microprocessor controlled electronic system
- Different menu language options.

REMOTE CONTROL PANEL

Remote Control Panel Features:

- Easy on-off start button
- Easy installation on area
- Visible colours to see status.

MEDICABAY AGS SERIES MODEL CODE	TYPE	FLOW RATE (50 Hz)	MAX. PRESSURE RANGE	BLOWER POWER	NOISE LEVEL
	Quantity	(m^3/h)	(mbar)	(kW)	(dB)
MGS.AGS.SSF070	Duplex	70	-200	0,4	48
MGS.AGS.SSF080	Duplex	80	-220	0,8	53
MGS.AGS.SSF100	Duplex	100	-240	1,1	55
MGS.AGS.SSF150	Duplex	150	-300	1,6	63
MGS.AGS.SSF210	Duplex	210	-380	3	64
MGS.AGS.SSF270	Duplex	270	-300	3	64

EGY SERIES - Emergency Cabinets

Medicabay Emergency Stations are designed to keep continue medical gas flow on the pipeline to important zonal areas in hospital. In case of emergency situation it starts feeding systems finish medical operations.
Medicabay Emergency Station is designed for single, double, triple and quadruple medical gases and can be designed in various types.
It can contain ;
• Anaesthesia Gas Scavening Pumps, Vacuum Pumps for negative pressure needs
• Oxygen, Medical Air 4, Surgical Air 7, Nitrousoxide, Carbondioxide emergency stations for medical gas needs.

TRIPLEX EMERGENCY CABINET

RECESSED TYPE EMERGENCY CABINET

TRIPLEX EMERGENCY CABINET

Key Features:

- Emergency cabinets are easy installable products.
- Cabinets can be mobile or systems can be installed inside cabinets.
- Automatically activated system.
- Two cylinders per gas ensuring a continuous supply.
- Manual or automatic restoring of initial pressure.
- The emergency station is activated by pressure difference without electrical supply (except vacuum network).
- Monitoring system integrated in the emergency station.
- Alarm remote unit in operating theatres (see accessories).
- Simplified and quick connection to any type of network.
- Ready-to-run emergency station (cylinders not provided).

CABINET TYPE	CAPACITY	MEDICAL GAS SUPPLY	SUCTION PLANT SUPPLY
Surface Mounted Cabinet Type Recessed Cabinet Type	Simplex Duplex Triplex Quadruplex	Oxygen Emergency Manifold Nitrous Oxide Emergency Manifold Enthonox Emergency Manifold Nitrogen Emergency Manifold Carbon Dioxide Emergency Manifold Medical Air 4 Bar Emergency Manifold Surgical Air 7 Bar Emergency Manifold Mixture Emergency Manifold	Emergency Vacuum Plant Emergency Agss Plant

AVSU SERIES - Zone Control Units

ZONE ALARM UNIT & VALVE BOX S/S COVER

Area Valve Service Units (AVSU) are essential components in medical gas systems, designed to regulate and isolate gas supply for maintenance, emergencies, or routine operations. They ensure continuous gas flow, provide real-time pressure monitoring, and offer audible and visual alerts in case of pressure deviations. These units are reliable, easy to operate, and built to the highest safety standards, making them indispensable for hospitals, clinics, and laboratories.

Key Features:

Design and Construction:

Surface or flush-mounted options.
Robust MS53 brass monoblock valve body.
Durable body options available in:

- DKP steel case panel with electrostatic powder coating (standard RAL 9010, other
- RAL colors available upon request).
- Glass cover.
- Stainless steel cover.

Polycarbonate door with emergency access and plug-unplug locking system.

ZONE CONTROL UNIT

Functionality:

Real-time pressure monitoring via local alarm pressure switches and transducers.
ISO NIST connectors for purging, pressure testing, and gas sampling.
Compatibility with oxygen, nitrous oxide, medical air, surgical air, vacuum, and more.

ZONE CONTROL UNIT GLASS COVER

Safety and Maintenance:

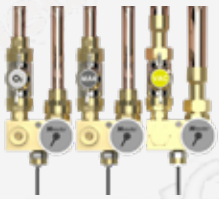
Leak-free connections and Teflon seals.
Isolates individual parts for maintenance without disrupting supply.
Low and high-pressure switches for continuous monitoring.

Alarm Systems:

Central and floor alarm units with LCD displays and adjustable brightness.
Audible and visual alerts for high/low pressure and system malfunctions.
Ethernet connectivity and RS485 Modbus data transfer.

Flexible Configurations:

AVSU can be provided as separate valve boxes and alarm boxes depending on project needs.


VALVES WITH NISTS


DIGITAL ALARM


EMERGENCY ACCESS LOCK


VALVE BOX


ALARM BOX

Benefits

Uninterrupted Gas Supply: Ensures continuous operation during maintenance or repairs.
Enhanced Safety: Real-time monitoring and alarms improve patient and staff safety.
User-Friendly Design: Intuitive controls, multi-language menu options, and easy-to-use alarm systems.
Customizable Options: Choice of DKP steel, glass, or stainless steel body finishes in various RAL colors.
Durability and Reliability: High-quality construction for long-term performance.


ZONE CONTROL UNIT WITH ALARM INSIDE DETAILS


ZONE CONTROL UNIT WITH ALARM SURFACE MOUNTED

PRODUCT CODES

You can order your Zone Control Unit by the codes down below. For ordering you can ask for order sheets.
For "Zone Control Unit with Alarm 3 Gas (Oxygen - Medical Air 4 - Vacuum)" Code will be like down below.

"MAS.ZCU.EP.O2-MA4-VAC.RC.03

ZONE CONTROL UNIT MODEL	MATERIAL	GAS TYPES	FIXING TYPES	GAS SPEC. (Quantity)	DIMENSIONS (Cm)
ZCU - ZONE CONTROL UNIT WITH ALARM AB - ALARM BOX VB - VALVE BOX	SS - STAINLESS STEEL GL - GLASS EP - ELE-CTROSTATICAL PAINT	O2 - OXYGEN N2O -NITROUSOXIDE MA4 - MEDICAL AIR 4 SA7 - SURGICAL AIR 7 N2 - NITROGEN CO2 - CARBON-DIOXIDE VAC - VACUUM	RC - RE-CESSED SF - SUR-FACE MOUNTED	01- 1 GAS 02 - 2 GASES 03 - 3 GASES 04 - 4 GASES 05 - 5 GASES 06 - 6 GASES	70x350x500cm 70x350x500cm 70x400x500cm 70x450x500cm 70x620x500cm 70x950x500cm

2ND Series - 2nd Stage Zone Control Units

2ND STAGE ZONE CONTROL UNIT WITH ALARM, DOUBLE REGULATORS RECESSED

2nd Stage Zone Control Units (ZCU) are advanced solutions designed to regulate and monitor medical gas pressures at the entrance of critical areas within healthcare facilities. Equipped with single or double regulators, these units ensure precise pressure control for uninterrupted gas delivery to operating rooms, intensive care units, and other medical areas. Built with the highest safety standards, these ZCUs offer real-time monitoring, isolation capabilities, and reliable performance for healthcare environments.

Key Features:

Design and Construction:

Surface or flush-mounted options.
Robust MS53 brass monoblock valve body.
High-quality body options available in:

- DKP steel case panel with electrostatic powder coating (standard RAL 9010, other
- RAL colors available upon request).
- Glass cover.
- Stainless steel cover.

Compact design with integrated regulator system for efficient space utilization.

2ND STAGE ZONE CONTROL UNIT WITH ALARM, DOUBLE REGULATORS RECESSED

Pressure Regulation:

Equipped with single or double regulators for precise pressure control.
Adjustable pressure settings to meet area-specific requirements.
Smooth and reliable performance even under varying supply conditions

Functionality:

Integrated pressure monitoring with local alarm systems.
Audible and visual alerts for pressure deviations.
ISO NIST connectors for purging, pressure testing, and gas sampling.

Alarm Systems:

Central and floor alarm units compatible with Master Alarm Systems.
Features include:

- 2x16 character blue or green backlit LCD display.
- Tracks up to 5 gas and vacuum lines.
- Adjustable brightness and background colors.
- Test, reset, and mute buttons for convenient operation.
- Microprocessor-controlled electronic system
- Multi-language menu options.
- Audible and visual alerts for high/low pressure and system malfunctions
- Ethernet connectivity and RS485 Modbus data transfer.

Flexible Configurations:

AVSU can be provided as separate valve boxes and alarm boxes depending on project needs.

PRODUCT CODES

You can order your Zone Control Unit by the codes down below. For ordering you can ask for order sheets. For "Zone Control Unit with Alarm 3 Gas (Oxygen - Medical Air 4 - Vacuum)" Code will be like down below.

"MAS.2ND.EP.O2-MA4-VAC.RC.03.SN

2ND STAGE ZONE CONTROL UNIT WITH ALARM, SINGLE REGULATORS RECESSED

2ND STAGE ZONE CONTROL UNIT MODEL	MATERIAL	GAS TYPES	FIXING TYPES	GAS SPEC. (Quantity)	REGULATOR
2ND ZCU - ZONE CONTROL UNIT WITH ALARM AB - ALARM BOX RB - REGULATOR BOX	SS - STAINLESS STEEL EP - ELECTROSTATICAL PAINT	O2 - OXYGEN N2O -NITROUSOXIDE MA4 - MEDICAL AIR 4 SA7 - SURGICAL AIR 7 N2 - NITROGEN CO2 - CARBONDIOXIDE VAC - VACUUM	RC - RECESSED SF - SURFACE MOUNTED	01- 1 GAS 02 - 2 GASES 03 - 3 GASES 04 - 4 GASES 05 - 5 GASES 06 - 6 GASES	SN - SINGLE REGULATOR DN - DOUBLE REGULATOR

MGV SERIES - Shut Off Valves

Our range of Medical Gas Shut Off Valves is designed for seamless integration with copper connections, ensuring efficient and reliable performance in medical gas systems. The focus is on providing high-quality ball valves with butterfly and lever handles to match different copper connection dimensions, maintaining the highest standards of safety and durability.

SHUT OFF VALVE 3/8" with 12mm 340 GCU

SHUT OFF VALVE 1/2" with 15mm 340 GCU

SHUT OFF VALVE 3/4" with 22mm 359 GCU

SHUT OFF VALVE 1 1/4" with 35mm 359 GCU

MEDICAL GAS LOCKABLE LINE VALVES

PRODUCT CODE	VALVE SIZE	PIPE CONNECTION (mm)
MAS.MGVL.015	1/2" Ball Line Valve	15mm
MAS.MGVL.022	3/4" Ball Line Valve	22mm
MAS.MGVL.028	1" Ball Line Valve	28mm

MEDICAL GAS SHUT OFF LINE VALVES

PRODUCT CODE	VALVE SIZE	PIPE CONNECTION (mm)
MAS.MGV.012	3/8" Ball Line Valve	12mm
MAS.MGV.015	1/2" Ball Line Valve	15mm
MAS.MGV.022	3/4" Ball Line Valve	22mm
MAS.MGV.028	1" Ball Line Valve	28mm
MAS.MGV.035	1 1/4" Ball Line Valve	35mm
MAS.MGV.042	1 1/2" Ball Line Valve	42mm
MAS.MGV.054	2" Ball Line Valve	54mm
MAS.MGV.076	3" Ball Line Valve	76mm
MAS.MGV.0108	4" Ball Line Valve	108mm

MAU Series - Master Alarm Units

The Master Alarm is a central control unit designed to monitor and manage the status of all connected medical gas systems in hospitals. It continuously tracks essential parameters such as pressure, flow, and gas levels across different gas distribution systems, such as oxygen, nitrogen, and carbon dioxide. In case of any malfunction, such as pressure drop, gas leak, or system failure, the Master Alarm triggers visual and audible alerts, enabling quick intervention by hospital staff. This product ensures uninterrupted gas supply and guarantees patient safety by allowing prompt identification and resolution of issues in the gas supply system.

Key Features:

- Centralized monitoring of all medical gas systems
- Continuous tracking of gas pressure, flow, and levels
- Visual and audible alerts for system failures or irregularities
- Real-time data collection and reporting
- Easy integration with existing hospital gas systems
- Remote monitoring capabilities for increased convenience
- Complies with safety and medical standards

Key Specification:

- Power Supply: 24V DC
- Input: Compatible with various medical gas systems (oxygen, nitrogen, CO2, etc.)
- Alarm Output: Visual (LED), Audible (Buzzer)
- Display: Real-time status of each gas system
- Monitoring Range: Adjustable for different pressure and flow thresholds
- Connectivity: Wired or wireless
- Compliance: ISO 7396-1 for medical gas pipeline systems

SCP Series - Surgical Control Panels

The SCP Series Surgical Control Panel by Medicabay Healthcare Systems is an advanced, customizable solution designed to optimize the functionality and safety of operating theatres and specialty rooms. Engineered with precision, this panel offers seamless integration of critical systems, from medical gas alarms and illumination control to air filtration and temperature regulation. The design ensures a sterile, efficient, and organized environment while providing intuitive control over surgical equipment, enhancing both the workflow and patient safety during procedures. With its modular construction, high-quality materials, and tailored features, the SCP Series is the ideal choice for modern surgical environments.

OPERATION ROOM CONTROL PANEL WITH BACK SERVICE PANEL

Surgical room control panels are specifically designed and customized according to the unique needs of each customer.

Key Features:

- Precise control of temperature, humidity, pressure, and ventilation.
- Integrated medical gas alarms to ensure continuous gas supply. Illumination control for optimal surgical visibility.
- Timer, nurse call, and X-ray viewer management.
- Stainless steel front panel with a modern, sleek finish.
- Modular design for easy access and maintenance.
- Tailored options to meet the specific needs of each client.
- Flexible power and connectivity options for various medical devices.

Key Specifications:

Material: Electrostatic powder coating steel back box, , and stainless steel front panel (304/316 grade).
Dimensions: Customizable height (40cm to 220cm), depth (8cm to 25cm), and length (40cm to 300cm).
Power Consumption: Up to 2kVA per power socket, 500W for X-ray viewers.
Temperature Range: -20°C to +60°C.
Installation: Surface-mounted, bolted directly into wall structures (brick, gypsum, concrete).

Benefits:

- Ensures a sterile and controlled environment for surgical procedures.
- Enhances operational efficiency by integrating key systems in one panel.
- Customizable to suit specific surgical room configurations and requirements.
- Durable construction with easy maintenance and cleaning.
- High-quality materials ensure long-term reliability and aesthetic appeal.
- Versatile design supports both analog and digital equipment integration.
- Flexible power and data options for a wide range of medical devices.

PRODUCT ORDERS
Each product is tailored and manufactured specifically for our customers. Feel free to contact us at sales@medicabay.com for your needs.

BHU Series - Eva Patient Bedhead Units

The Medicabay "Eva" Bed Head Units are versatile, ergonomically designed solutions tailored to meet the unique requirements of healthcare providers and patients. These units can be customized with gas outlets, electrical components, earthing nodes, lighting systems, and various accessories, ensuring optimal functionality and convenience. Designed with an emphasis on medical standards, the "Eva" series offers unmatched durability and aesthetic adaptability, with options for various sizes, colors.

Key Features

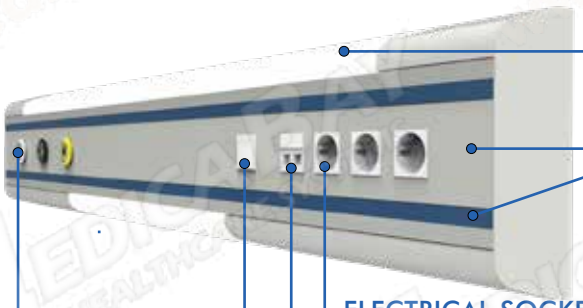
High-Quality Construction: Manufactured with aluminum bottom, top, and front covers for durability and performance.
Multi-Task Design: Medical gas and electrical installations are separated into distinct sections for safety and ease of access.
Ergonomic Design: Easily mountable front covers provide practical access for maintenance and use.
Accessory Integration: Options for accessory rails to mount additional functions, such as IV poles or monitor arms.
Flexible Installation: Can be mounted on the ceiling with two carrier arms.

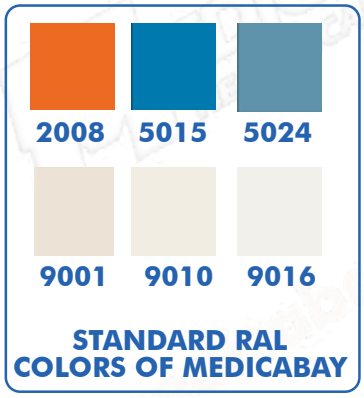
EVA BEDHEAD UNIT

Customization Options

RAL Catalog Colors: Standard colors include 2008, 5015, 5024, 9001, 9010, and 9016. Additional RAL codes and wood-pattern finishes are available upon consultation.
Custom Sizes: Unit dimensions are determined by our expert sales team based on specific customer requirements.

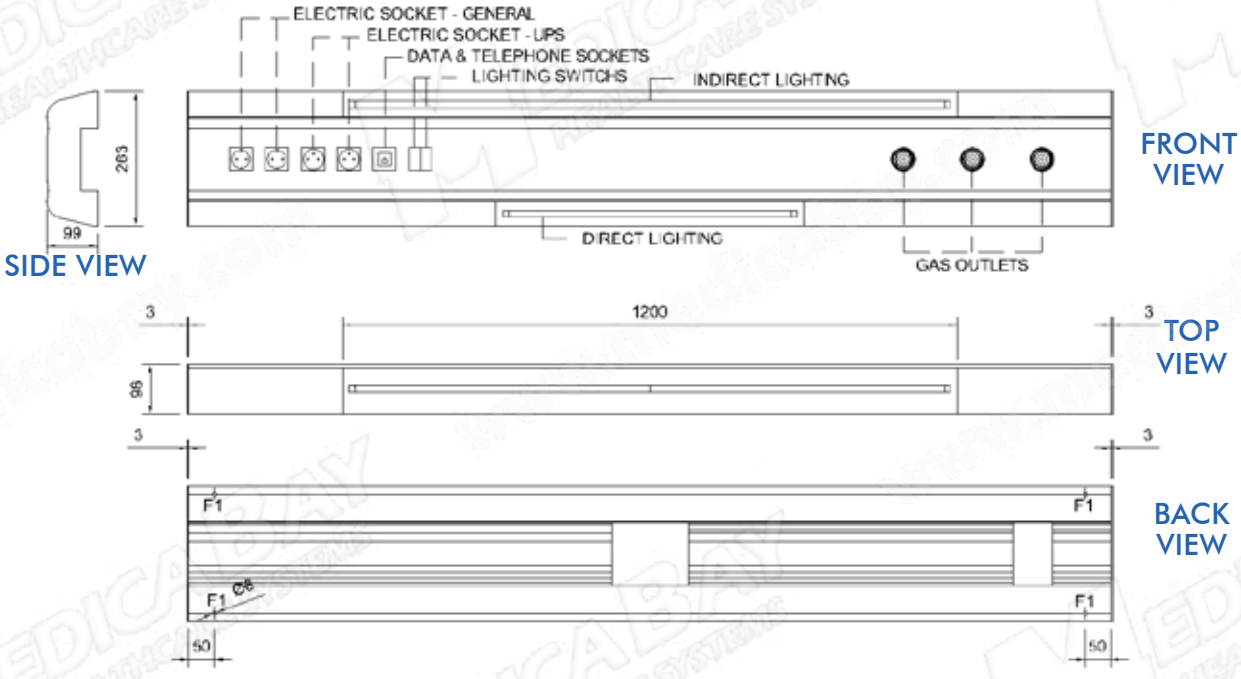
MODEL	ENERGY	MATERIAL	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	OPERATING TEMPERATURE
EVA PATIENT BEDHEAD UNIT	100/240 V 50/60 Hz	Aluminum Extruded Profile	German (DIN), British (BS), French (NF) Standard Norms Also Available American (DISS) Swedish (AGA) Standard Norms	Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) Nurse Call Sockets Equipotential Earth Nodes, Lighting Switches (One way, Two way, Pull Cord) Double or Single RJ 45 Data Sockets (CAT6, CAT6A) HDMI, DVI Sockets, USB Chargers	-10°C to +45°C





While we provide a range of standard colors, we are also able to produce custom colors upon request to meet your specific requirements.

TECHNICAL DRAWING OF EVA BEDHEAD UNIT



PRODUCT ORDERS

Patient Bed Head Units are available in unibody designs for 1, 2, 3, or 4 beds, with customizable lengths ranging from 1000 mm to 6000 mm. They can also feature single, double, triple, or quadruple gas and electrical channels, tailored to meet specific requirements. Each unit is meticulously designed and manufactured to deliver optimal functionality and reliability. For fully customized solutions, feel free to contact us at sales@medicabay.com..

ICU Series - Eva Intensive Care Units

The Medicabay "Eva" Intensive Care Units are versatile, ergonomically designed solutions tailored to meet the unique requirements of healthcare providers and patients. These units can be customized with gas outlets, electrical components, earthing nodes, lighting systems, and various accessories, ensuring optimal functionality and convenience. Designed with an emphasis on medical standards, the "Eva" series offers unmatched durability and aesthetic adaptability, with options for various sizes, colors, and wood-pattern finishes.

Key Features

High-Quality Construction: Durable aluminum body with electrostatic powder coating for long-term performance.

Multi-Task Design: Medical gas and electrical installations are separated into distinct sections for safety and ease of access.

Ergonomic Design: Easily mountable front covers provide practical access for maintenance and use.

Accessory Integration: Monitor stands, IV poles, vacuum bags, flow meters, and more can be attached to suit specific requirements.

Flexible Installation: Can be mounted on the ceiling with two carrier arms.

EVA INTENSIVE CARE UNIT

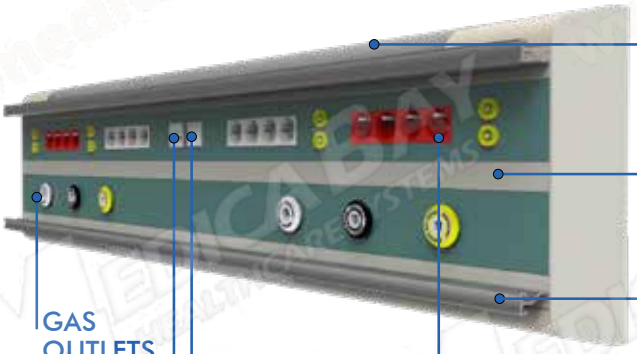
Customization Options

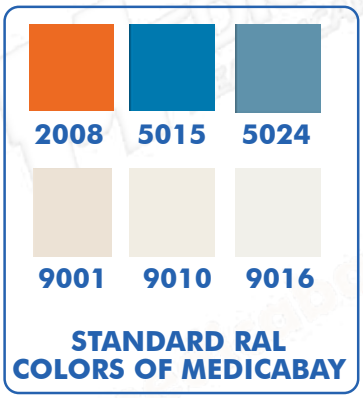
RAL Catalog Colors: Standard colors include 2008, 5015, 5024, 9001, 9010, and 9016. Additional RAL codes and wood-pattern finishes are available upon consultation.

Versions

Single Unit, Double Unit, Triple Unit, Quadruple Unit

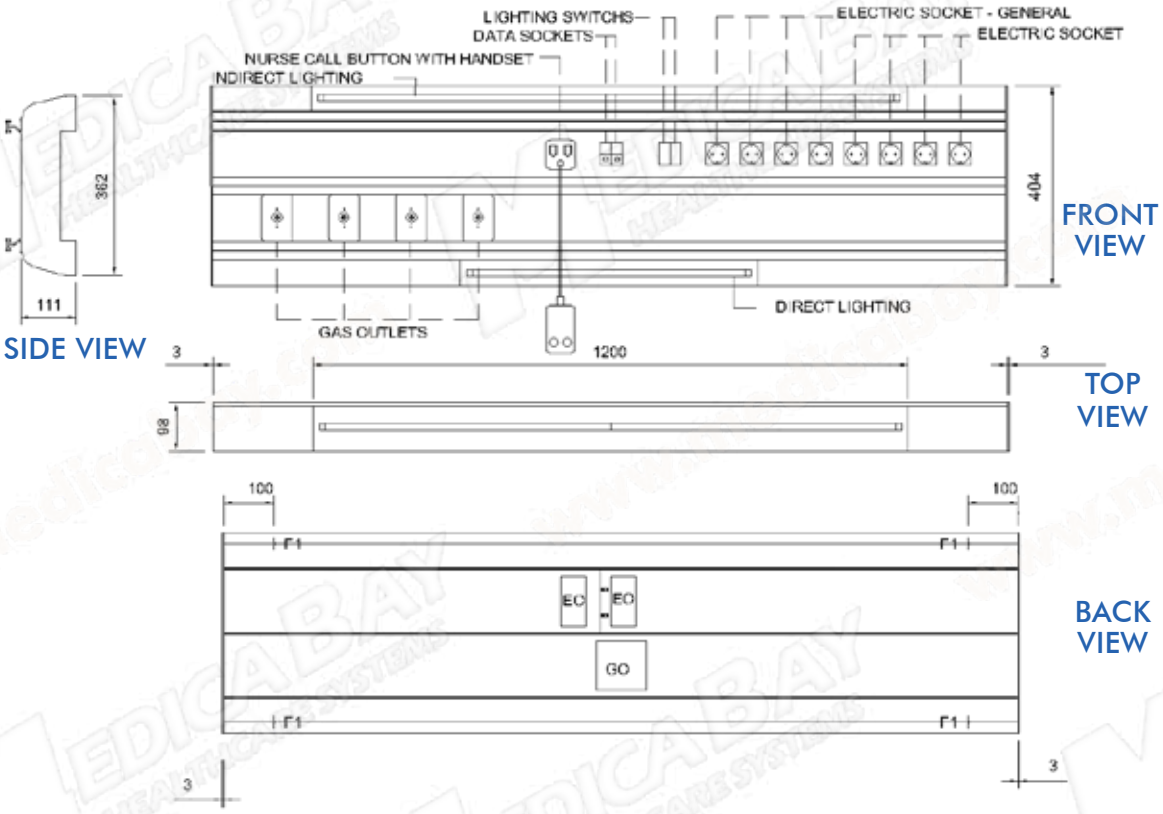
MODEL	ENERGY	MATERIAL	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	OPERATING TEMPERATURE
EVA INTENSIVE CARE UNIT	100/240 V 50/60 Hz	Aluminum Extruded Profile	German (DIN), British (BS), French (NF) Standard Norms Also Available American (DISS) Swedish (AGA) Standard Norms	• Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) • Nurse Call Sockets • Equipotential Earth Nodes, • Lighting Switches (One way, Two way, Pull Cord) • Double or Single RJ 45 Data Sockets (CAT6, CAT6A) • HDMI, DVI Sockets, USB Chargers • Equipotential Earth Nodes	-10°C to +45°C





While we provide a range of standard colors, we are also able to produce custom colors upon request to meet your specific requirements.

TECHNICAL DRAWING OF EVA INTENSIVE CARE UNIT



PRODUCT ORDERS

Patient Bed Head Units are available in unibody designs for 1, 2, 3, or 4 units, with customizable lengths ranging from 1000 mm to 6000 mm. They can also feature single, double, triple, or quadruple gas and electrical channels, tailored to meet specific requirements. Each unit is meticulously designed and manufactured to deliver optimal functionality and reliability. For fully customized solutions, feel free to contact us at sales@medicabay.com..

ICU Series - Gem Intensive Care Units

The Medicabay "Gem" Intensive Care Units are purpose-built for intensive care settings, offering a highly flexible and ergonomic solution for critical care environments. Designed with adaptability in mind, these units support the efficient organization of medical equipment while maintaining ease of use for healthcare professionals. The Gem series is equipped with up-and-down rail systems, ensuring stability and accessibility for a variety of medical devices. Available in configurations for single, double, triple, or quadruple patient care stations.

Key Features

High-Quality Construction: Durable aluminum body with electrostatic powder coating for long-term performance.

Multi-Task Design: Medical gas and electrical installations are separated into distinct sections for safety and ease of access.

Ergonomic Design: Easily mountable front covers provide practical access for maintenance and use.

Accessory Integration: Monitor stands, IV poles, vacuum bags, flow meters, and more can be attached to suit specific requirements.

Flexible Installation: Can be mounted on the ceiling with two carrier arms.

CEILING TYPE GEM INTENSIVE CARE UNIT

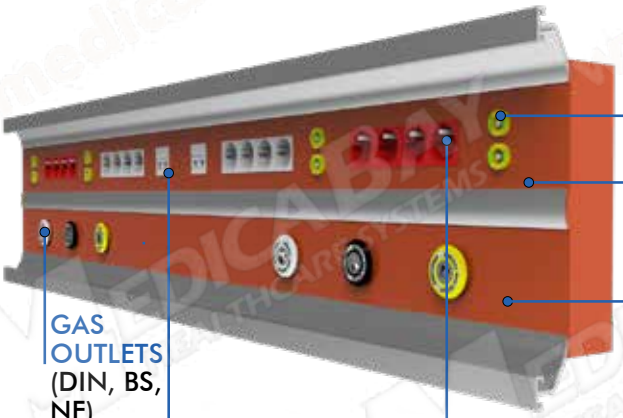
Customization Options

RAL Catalog Colors: Standard colors include 2008, 5015, 5024, 9001, 9010, and 9016. Additional RAL codes and wood-pattern finishes are available upon consultation.

Versions

Single Unit, Double Unit, Triple Unit, Quadruple Unit

MODEL	ENERGY	MATERIAL	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	OPERATING TEMPERATURE
GEM INTENSIVE CARE UNIT	100/240 V 50/60 Hz	Aluminum Extruded Profile	• German (DIN), • British (BS), • French (NF) Standard Norms If Requested • American (DISS) • Swedish (AGA) Standard Norms	• Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) • Nurse Call Sockets • Equipotential Earth Nodes, • Lighting Switches (One way, Two way, Pull Cord) • Double or Single RJ 45 Data Sockets (CAT6, CAT6A) • HDMI, DVI Sockets, USB Chargers • Equipotential Earth Nodes	-10°C to +45°C



EQUIPOTENTIAL EARTH NODES

POWDER COATED RAL PAINT (COVER-BODY COLOURS)

RAIL FOR ACCESSORIES (UP & DOWN)

GAS OUTLETS (DIN, BS, NF)

ELECTRICAL SOCKETS (BS, DIN, UNIVERSAL)

DATA & TELEPHONE SOCKETS (CAT 3, CAT 5, CAT6A)

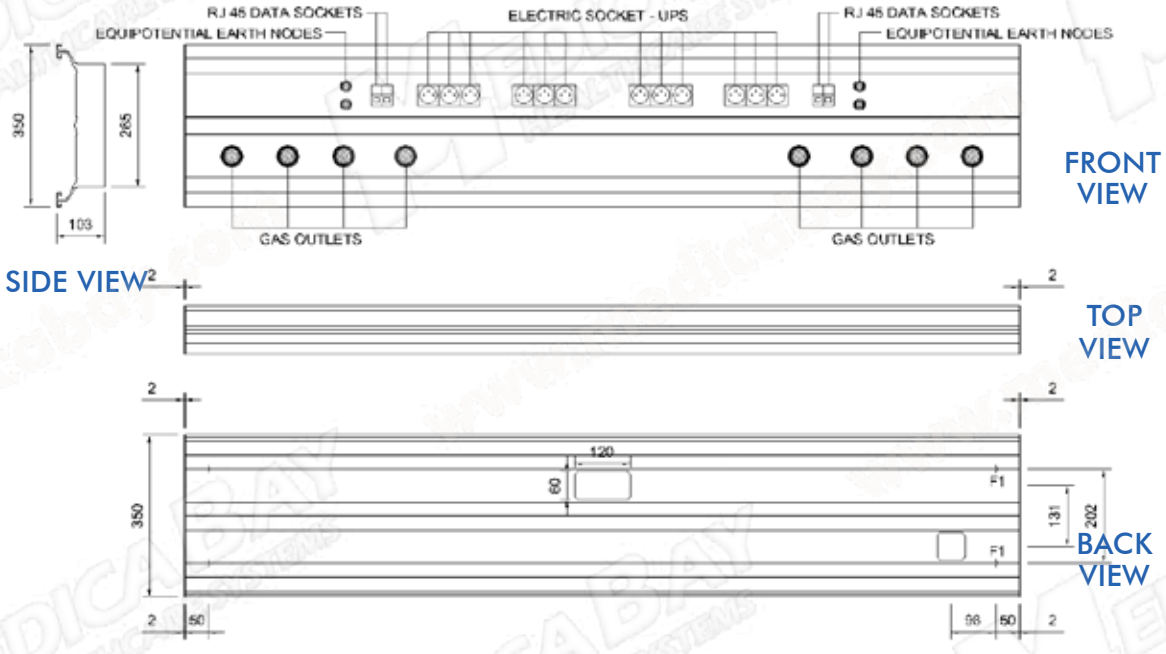
2008 5015 5024

9001 9010 9016

STANDARD RAL COLORS OF MEDICABAY

While we provide a range of standard colors, we are also able to produce custom colors upon request to meet your specific requirements.

TECHNICAL DRAWING OF GEM INTENSIVE CARE UNIT



PRODUCT ORDERS

Patient Bed Head Units are available in unibody designs for 1, 2, 3, or 4 units, with customizable lengths ranging from 1000 mm to 6000 mm. They can also feature single, double, triple, or quadruple gas and electrical channels, tailored to meet specific requirements. Each unit is meticulously designed and manufactured to deliver optimal functionality and reliability. For fully customized solutions, feel free to contact us at sales@medicabay.com..

ICU Series - Dynamique Intensive Care Units

The Medicabay "Dynamique" Intensive Care Units are meticulously engineered to address the demanding needs of intensive care settings, providing an innovative blend of functionality, durability, and adaptability. Designed to create an efficient and organized workspace, these units cater to the needs of healthcare professionals by offering robust construction, ergonomic features, and a wide range of customizable options. The Dynamique series enhances critical care environments with its advanced up-and-down rail systems, which allow for seamless integration of medical equipment, and integrated lighting options that improve visibility during critical procedures.

Key Features

High-Quality Construction: Durable aluminum body with electrostatic powder coating for long-term performance.

Multi-Task Design: Medical gas and electrical installations are separated into distinct sections for safety and ease of access.

Ergonomic Design: Easily mountable front covers provide practical access for maintenance and use.

Accessory Integration: Monitor stands, IV poles, vacuum bags, flow meters, and more can be attached to suit specific requirements.

Flexible Installation: Can be mounted on the ceiling with two carrier arms.

DYNAMIQUE INTENSIVE CARE UNIT

Customization Options

RAL Catalog Colors: Standard colors include 2008, 5015, 5024, 9001, 9010, and 9016. Additional RAL codes and wood-pattern finishes are available upon consultation.

Versions

Single Unit, Double Unit, Triple Unit, Quadruple Unit

MODEL	ENERGY	MATERIAL	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	OPERATING TEMPERATURE
DYNAMIQUE INTENSIVE CARE UNIT	100/240 V 50/60 Hz	Aluminum Extruded Profile	• German (DIN), • British (BS), • French (NF) Standard Norms If Requested • American (DISS) • Swedish (AGA) Standard Norms	• Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) • Nurse Call Sockets • Equipotential Earth Nodes, • Lighting Switches (One way, Two way, Pull Cord) • Double or Single RJ 45 Data Sockets (CAT6, CAT6A) • HDMI, DVI Sockets, USB Chargers • Equipotential Earth Nodes	-10°C to +45°C

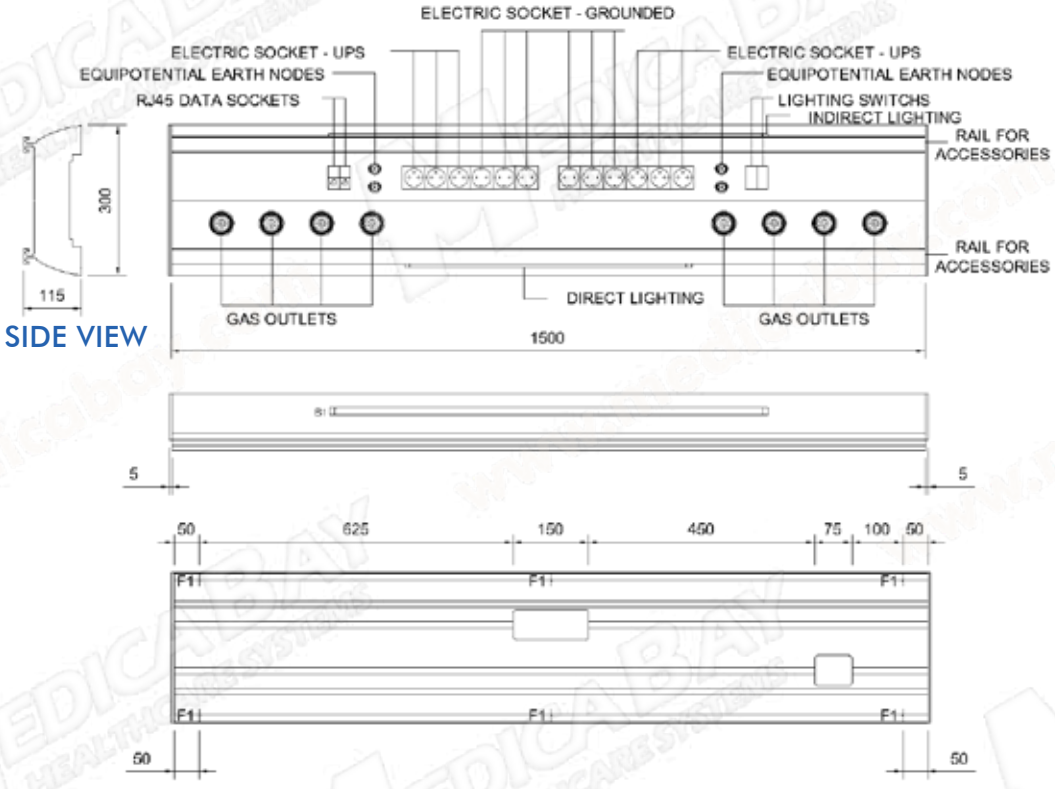
2008 5015 5024

9001 9010 9016

STANDARD RAL COLORS OF MEDICABAY

While we provide a range of standard colors, we are also able to produce custom colors upon request to meet your specific requirements.

TECHNICAL DRAWING OF DYNAMIQUE INTENSIVE CARE UNIT



PRODUCT ORDERS

Intensive Care Units are available in unibody designs for 1, 2, 3, or 4 units, with customizable lengths ranging from 1000 mm to 6000 mm. They can also feature single, double, triple, or quadruple gas and electrical channels, tailored to meet specific requirements. Each unit is meticulously designed and manufactured to deliver optimal functionality and reliability. For fully customized solutions, feel free to contact us at sales@medicabay.com..

ART Series - Artwork Special Patient Units

The Medicabay "Artwork" Special Patient Units are meticulously crafted to deliver a harmonious combination of practicality and visual appeal. Designed with healthcare standards in mind, these units elevate the ambiance of patient rooms while ensuring the seamless integration of essential medical functionalities. By incorporating a sleek aluminum body and a customizable front frame that can display calming artwork or photographs, the units enhance patient comfort and satisfaction.

Key Features

Front Frame Design: Each unit is equipped with a front frame that can display customizable artwork or photographs, adding a unique and calming element to the patient environment.

Body Construction: Durable metal structure ensures long-lasting use and reliability in healthcare settings.

High Quality MDF Plates: On to the wooden MDF plates allow the installation of essential components such as electrical sockets, lighting switches, data sockets, and nurse call buttons.

ARTWORK SPECIAL PATIENT UNIT

Customization Options

Back Panel Options (HPL): We offer a wide range of aesthetically pleasing HPL back panels in various patterns to suit your design preferences.

Frames: Our special patient units can be enhanced with an array of frame options, including metal, wood, or PVC. Choose the material that best complements your space and design vision.

Photos or Artworks: From our photo library you can freely choose special photo or artworks for your special patient rooms.

MODEL	ENERGY	MATERIAL	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	OPERATING TEMPERATURE
ARTWORK SPECIAL PATIENT UNITS	100/240 V 50/60 Hz	Aluminum Body Structure	• German (DIN), • British (BS), • French (NF) Standard Norms If Requested • American (DISS) • Swedish (AGA) Standard Norms	• Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) • Nurse Call Sockets • Double or Single RJ 45 Data Sockets (CAT6, CAT6A) • HDMI, DVI Sockets, USB Chargers	-10°C to +45°C

RAIL FOR FRAME

POWDER COATED RAL PAINT (COVER-BODY COLOURS)

GAS OUTLETS (DIN, BS, NF)

ELECTRICAL SOCKETS (BS, DIN, UNIVERSAL)

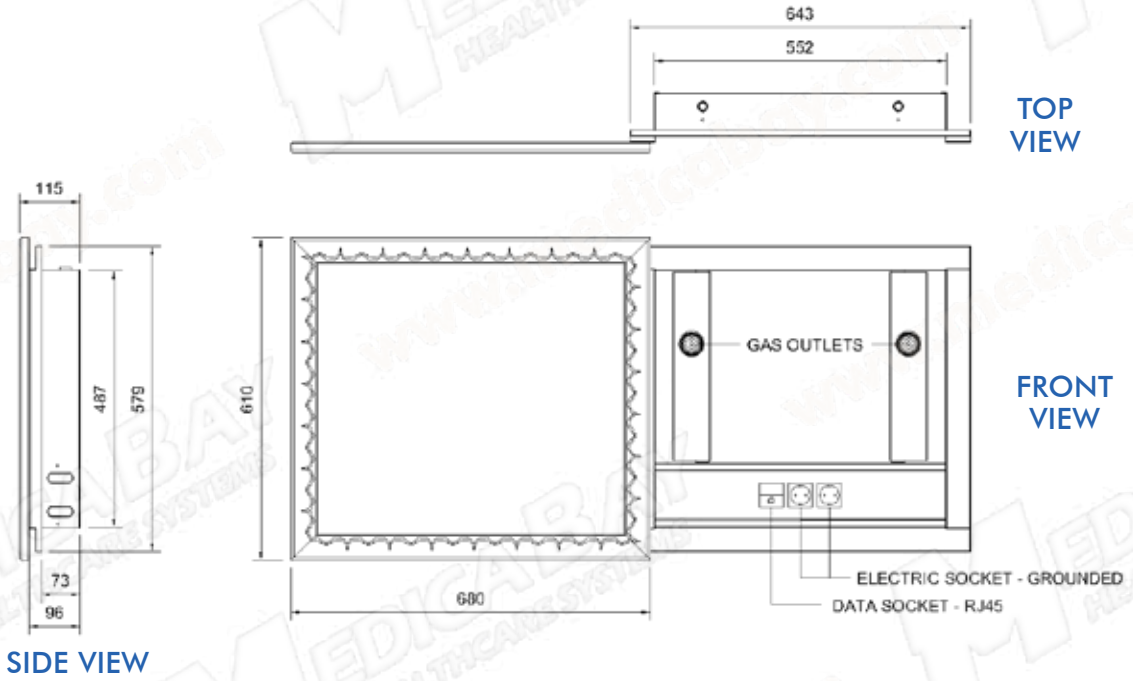
DATA & TELEPHONE SOCKETS (CAT 3, CAT 5, CAT6A)

2008	5015	5024
9001	9010	9016

STANDARD RAL COLORS OF MEDICABAY

While we provide a range of standard colors, we are also able to produce custom colors upon request to meet your specific requirements.

TECHNICAL DRAWING OF ARTWORK SPECIAL PATIENT UNITS



PRODUCT ORDERS

The Medicabay "Artwork" Special Patient Units combine functionality and aesthetic appeal, with customizable frames for artwork and durable construction, offering tailored solutions—contact our architects at sales@medicabay.com for advice.

ART Series - Modern Special Patient Units

The Medicabay "Artwork" Special Patient Units are meticulously crafted to deliver a harmonious combination of practicality and visual appeal. Designed with healthcare standards in mind, these units elevate the ambiance of patient rooms while ensuring the seamless integration of essential medical functionalities. By incorporating a sleek high pressure laminated body and a customizable front frame that can display calming artwork or photographs, the units enhance patient comfort and satisfaction.

Key Features

Front Frame Design: Each unit is equipped with a front frame that can display customizable artwork or photographs, adding a unique and calming element to the patient environment.

Body Construction: Durable metal structure ensures long-lasting use and reliability in healthcare settings.

High Quality MDF Plates: On to the wooden MDF plates allow the installation of essential components such as electrical sockets, lighting switches, data sockets, and nurse call buttons.

MODERN SPECIAL PATIENT UNIT

Customization Options

Back Panel Options (HPL): We offer a wide range of aesthetically pleasing HPL back panels in various patterns to suit your design preferences.

Photos, Artworks or Digital Screens: From our photo library you can freely choose special photo or artworks for your special patient rooms.

MODEL	ENERGY	MATERIAL	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	OPERATING TEMPERATURE
MODERN SPECIAL PATIENT UNITS	100/240 V 50/60 Hz	Aluminum Extruded Profile, HPL Front Cover, Powder coated Metal Chasis	• German (DIN), • British (BS), • French (NF) Standard Norms If Requested • American (DISS) • Swedish (AGA) Standard Norms	• Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) • Nurse Call Sockets • Equipotential Earth Nodes, • Lighting Switches (One way, Two way, Pull Cord) • Double or Single RJ 45 Data Sockets (CAT6, CAT6A) • HDMI, DVI Sockets, USB Chargers	-10°C to +45°C

- UP & DOWN LIGHTINGS
- POWDER COATED RAL PAINT (COVER-BODY COLOURS)
- SPECIAL ARTWORK (PAINT, PHOTO, DIGITAL SCREEN)
- GAS OUTLETS (DIN, BS, NF)
- RAIL FOR ACCESSORIES
- NURSE CALL BUTTON
- DATA & TELEPHONE SOCKETS (CAT 3, CAT 5, CAT6A)
- LIGHTING SWITCHES (ONE WAY, TWO WAY, PULL CORD)
- BED LOCATOR
- ELECTRICAL SOCKETS (BS, DIN, UNIVERSAL)
- EQUIPOTENTIAL EARTH NODES
- HIGH PRESSURE LAMINATED

2008 **5015** **5024**

9001 **9010** **9016**

STANDARD RAL COLORS OF MEDICABAY

While we provide a range of standard colors, we are also able to produce custom colors upon request to meet your specific requirements.

PRODUCT ORDERS

The Medicabay "Artwork" Special Patient Units combine functionality and aesthetic appeal, with customizable frames for artwork and durable construction, offering tailored solutions—contact our architects at sales@medicabay.com for advice.

ART Series - Unicorn Special Patient Units

The Medicabay "Unicorn" Special Patient Units are purpose-built for patient care settings, offering a highly flexible and ergonomic solution for critical care environments. Designed with adaptability in mind, these units support the efficient organization of medical equipment while maintaining ease of use for healthcare professionals. Available in configurations for single, double, triple, or quadruple patient care stations.

Key Features

High-Quality Construction: Durable aluminum body with electrostatic powder coating for long-term performance.

Multi-Task Design: Medical gas and electrical installations are separated into distinct sections for safety and ease of access.

Ergonomic Design: Easily mountable front covers provide practical access for maintenance and use.

Flexible Installation: Can be mounted on the ceiling with two carrier arms.

UNICORN SPECIAL PATIENT UNIT

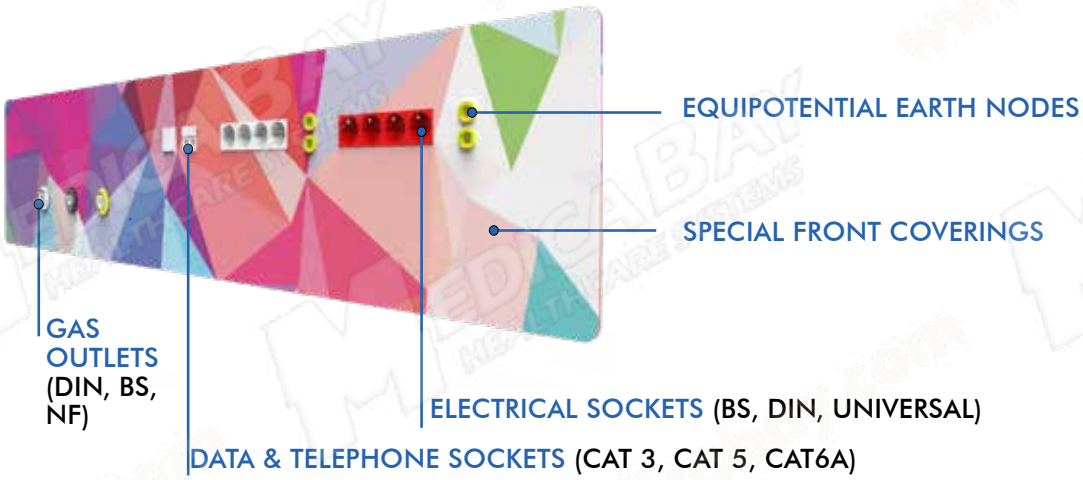
Customization Options

Photos, Artworks : From our photo library you can freely choose special photo or artworks for your special patient rooms.

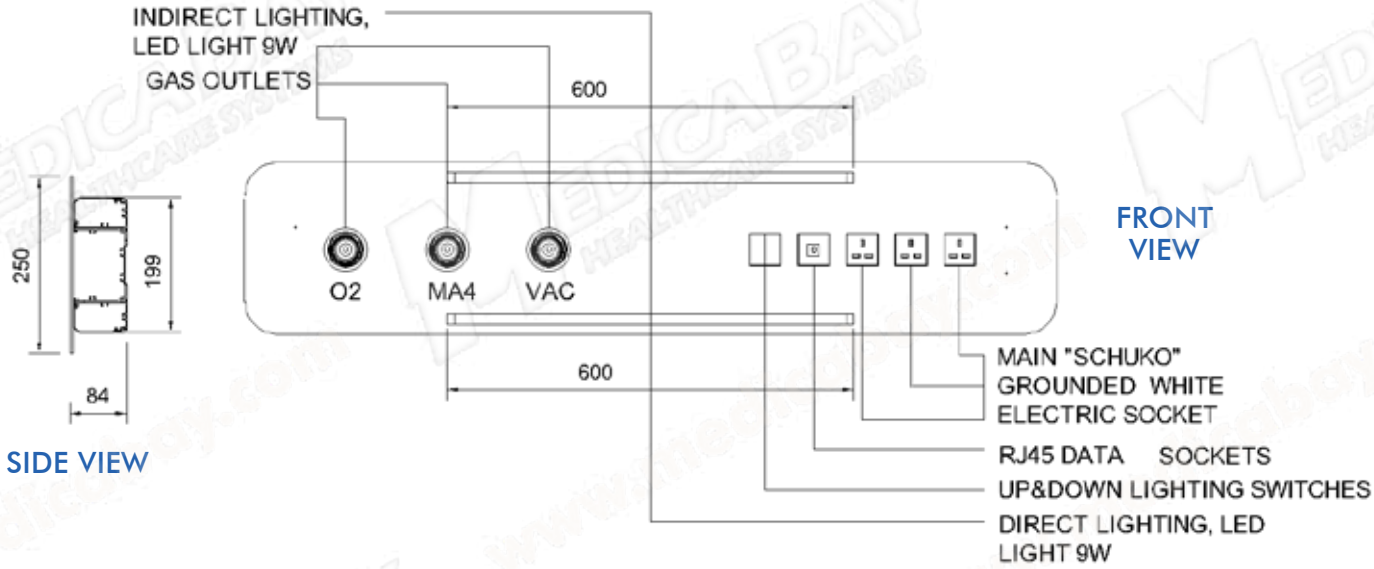
Versions

Single Unit, Double Unit, Triple Unit, Quadruple Unit

MODEL	ENERGY	MATERIAL	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	OPERATING TEMPERATURE
UNICORN SPECIAL PATIENT UNITS	100/240 V 50/60 Hz	Aluminum Extruded Profile Vinly Applied Front Cover	• German (DIN), • British (BS), • French (NF) Standard Norms If Requested • American (DISS) • Swedish (AGA) Standard Norms	• Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) • Nurse Call Sockets • Equipotential Earth Nodes, • Lighting Switches (One way, Two way, Pull Cord) • Double or Single RJ 45 Data Sockets (CAT6, CAT6A) • HDMI, DVI Sockets, USB Chargers	-10°C to +45°C



TECHNICAL DRAWING OF UNICORN BEDHEAD UNIT



PRODUCT ORDERS

Patient Bed Head Units are available in unibody designs for 1, 2, 3, or 4 units, with customizable lengths ranging from 1000 mm to 6000 mm. They can also feature single, double, triple, or quadruple gas and electrical channels, tailored to meet specific requirements. Each unit is meticulously designed and manufactured to deliver optimal functionality and reliability. For fully customized solutions, feel free to contact us at sales@medicabay.com..

ART Series - Woody Special Patient Units

The Medicabay "Woody" Special Patient Units are meticulously crafted to deliver a harmonious combination of practicality and visual appeal. Designed with healthcare standards in mind, these units elevate the ambiance of patient rooms while ensuring the seamless integration of essential medical functionalities. By incorporating a sleek high pressure laminated body and a customizable front frame that can display calming artwork or photographs, the units enhance patient comfort and satisfaction.

Key Features

Front Frame Design: Each unit is equipped with a front frame that can display customizable artwork or photographs, adding a unique and calming element to the patient environment.

Body Construction: Durable metal structure ensures long-lasting use and reliability in healthcare settings.

High Quality MDF Plates: On to the wooden MDF plates allow the installation of essential components such as electrical sockets, lighting switches, data sockets, and nurse call buttons.

Customization Options

Back Panel Options (HPL): We offer a wide range of aesthetically pleasing HPL back panels in various patterns to suit your design preferences.

Photos, Artworks or Digital Screens: From our photo library you can freely choose special photo or artworks for your special patient rooms.

MODEL	ENERGY	MATERIAL	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	OPERATING TEMPERATURE
WOODY SPECIAL PATIENT UNIT	100/240 V 50/60 Hz	Aluminum Extruded Profile HPL Panels	• German (DIN), • British (BS), • French (NF) Standard Norms If Requested • American (DISS) • Swedish (AGA) Standard Norms	• Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) • Nurse Call Sockets • Equipotential Earth Nodes, • Lighting Switches (One way, Two way, Pull Cord) • Double or Single RJ 45 Data Sockets (CAT6, CAT6A) • HDMI, DVI Sockets, USB Chargers	-10°C to +45°C

2008 5015 5024

9001 9010 9016

STANDARD RAL COLORS OF MEDICABAY

While we provide a range of standard colors, we are also able to produce custom colors upon request to meet your specific requirements.

PRODUCT ORDERS

The Medicabay "Woody" Special Patient Units combine functionality and aesthetic appeal, with customizable frames for artwork and durable construction, offering tailored solutions—contact our architects at sales@medicabay.com for advice.

MOD Series - Icon Vertical Patient Units

The Medicabay "Icon" Vertical Patient Units are purpose-built for intensive care settings, offering a highly flexible and ergonomic solution for critical care environments. Designed with adaptability in mind, these units support the efficient organization of medical equipment while maintaining ease of use for healthcare professionals. The Icon series is equipped with right-and-left channel systems or right-and-lef profile systems, ensuring stability and accessibility for a variety of medical devices. Available in configurations for single or double patient care stations.

ICON VERTICAL PATIENT UNIT

Key Features

High-Quality Construction: Durable aluminum body with electrostatic powder coating for long-term performance.

Multi-Task Design: Medical gas and electrical installations are separated into distinct sections for safety and ease of access.

Ergonomic Design: Easily mountable front covers provide practical access for maintenance and use.

Accessory Integration: Monitor stands, IV poles, vacuum bags, flow meters, and more can be attached to suit specific requirements.

Customization Options

RAL Catalog Colors: Standard colors include 2008, 5015, 5024, 9001, 9010, and 9016. Additional RAL codes and wood-pattern finishes are available upon consultation.

Versions

- Single Unit, Double Unit.
- Profile, Channel Accessory Mountable

MODEL	ENERGY	MATERIAL	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	OPERATING TEMPERATURE
ICON VERTICAL INTENSIVE CARE UNIT	100/240 V 50/60 Hz	Aluminum Extruded Profile	• German (DIN), • British (BS), • French (NF) Standard Norms If Requested • American (DISS) • Swedish (AGA) Standard Norms	• Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) • Nurse Call Sockets • Equipotential Earth Nodes, • Lighting Switches (One way, Two way, Pull Cord) • Double or Single RJ 45 Data Sockets (CAT6, CAT6A) • HDMI, DVI Sockets, USB Chargers	-10°C to +45°C

PROFILES FOR ACCESSORIES (RIGHT & LEFT)

POWDER COATED RAL PAINT (COVER-BODY COLOURS)

GAS OUTLETS (DIN, BS, NF)

2008	5015	5024
9001	9010	9016

STANDARD RAL COLORS OF MEDICABAY

While we provide a range of standard colors, we are also able to produce custom colors upon request to meet your specific requirements.

DATA & TELEPHONE SOCKETS (CAT 3, CAT 5, CAT6A)

ELECTRICAL SOCKETS (BS, DIN, UNIVERSAL)

CHANNELS & RAILS FOR ACCESSORIES (RIGHT & LEFT)

GAS OUTLETS (DIN, BS, NF)

ELECTRICAL SOCKETS (BS, DIN, UNIVERSAL)

DATA TELEPHONE SOCKETS (CAT 3, CAT 5, CAT6A)

PRODUCT ORDERS

Patient Bed Head Units are available in unibody designs for 1, or 2 units, with customizable lengths ranging from 1000 mm to 6000 mm. They can also feature single, double, triple, or quadruple gas and electrical channels, tailored to meet specific requirements. Each unit is meticulously designed and manufactured to deliver optimal functionality and reliability. For fully customized solutions, feel free to contact us at sales@medicabay.com..

MOD Series - Robust Vertical Patient Units

The Medicabay "Robust" Vertical Patient Units are purpose-built for intensive care settings, offering a highly flexible and ergonomic solution for critical care environments. Designed with adaptability in mind, these units support the efficient organization of medical equipment while maintaining ease of use for healthcare professionals. The Robust series is equipped with right-and-left channel systems or right-and-lef profile systems, ensuring stability and accessibility for a variety of medical devices. Available in configurations for single or double patient care stations.

ROBUST VERTICAL PATIENT UNIT

Key Features

High-Quality Construction: Durable aluminum body with electrostatic powder coating for long-term performance

Accessory Integration: Monitor stands, IV poles, vacuum bags, flow meters, and more can be attached to suit specific requirements.

Customization Options

RAL Catalog Colors: Standard colors include 2008, 5015, 5024, 9001, 9010, and 9016. Additional RAL codes and wood-pattern finishes are available upon consultation.

Versions

Single Unit, Double Unit, Triple Unit, Quadruple Unit

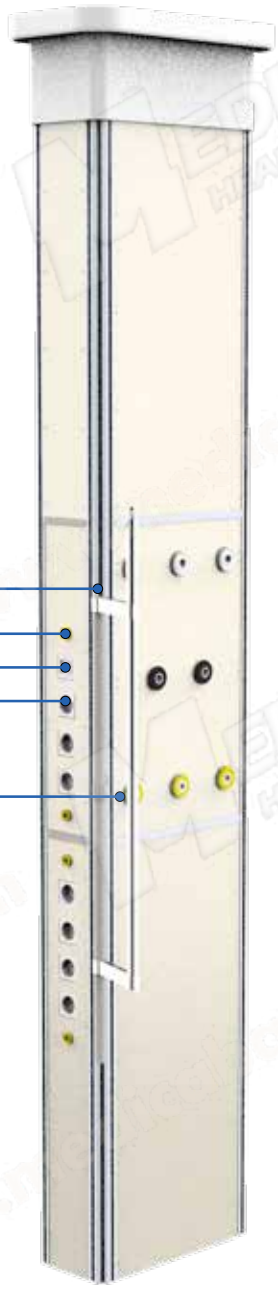
MODEL	ENERGY	MATERIAL	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	OPERATING TEMPERATURE
ROBUST VERTICAL INTENSIVE CARE UNIT	100/240 V 50/60 Hz	Aluminum Extruded Profile	• German (DIN), • British (BS), • French (NF) Standard Norms If Requested • American (DISS) • Swedish (AGA) Standard Norms	• Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) • Nurse Call Sockets • Equipotential Earth Nodes, • Lighting Switches (One way, Two way, Pull Cord) • Double or Single RJ 45 Data Sockets (CAT6, CAT6A) • HDMI, DVI Sockets, USB Chargers	-10°C to +45°C

2008 5015 5024

9001 9010 9016

STANDARD RAL COLORS OF MEDICABAY

While we provide a range of standard colors, we are also able to produce custom colors upon request to meet your specific requirements.



PRODUCT ORDERS

Patient Bed Head Units are available in unibody designs for 1, or 2 units, with customizable lengths ranging from 1000 mm to 6000 mm. Each unit is meticulously designed and manufactured to deliver optimal functionality and reliability. For fully customized solutions, feel free to contact us at sales@medicabay.com.

PWB Series - Patient Wall Modules

Patient Wall Modules are essential components in modern healthcare environments, designed to streamline and centralize critical utilities required for patient care. These modules are especially suited for use in operating room theatres, where precision and reliability are paramount. By integrating medical gas outlets, lighting, and electrical components into a compact unit, they enhance functionality and optimize space usage. The modular design ensures flexibility, allowing facilities to tailor configurations to meet specific clinical demands. Whether for new constructions or retrofitting existing spaces, Patient Wall Modules provide a reliable and aesthetically pleasing solution that complements the overall healthcare infrastructure. These modules are built with precision, adhering to stringent safety standards, ensuring durability and long-term performance. With a variety of mounting and material options available, they can seamlessly fit into diverse hospital or clinic setups.

3 GAS WALL MODULE SS COVER RECESSED

4 GAS WALL MODULE ALUMINUM COVER RECESSED

3 GAS WALL MODULE ALUMINUM COVER SURFACE MOUNTED

1 GAS WALL MODULE PLASTIC

4 GAS WALL MODULE ALUMINUM COVER RECESSED WITH ELECTRICAL SOCKETS

5 GAS WALL MODULE ALUMINUM COVER RECESSED

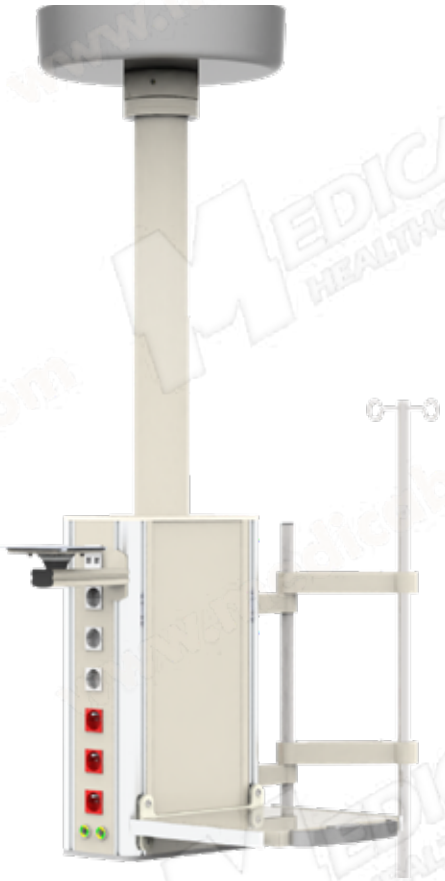
PRODUCT CODES

You can order your Zone Control Unit by the codes down below. For ordering you can ask for order sheets.
For "3 Gas Wall Module Recessed with SS Cover (Oxygen - Medical Air 4 - Vacuum)" Code will be like down below.

"MDU.PGW.SS.O2-MA4-VAC.RC.03

WALL MODULE COVER	GAS TYPES	FIXING TYPES	GAS SPEC. (Quantity)
SS - STAINLESS STEEL EP - ELECTROSTATICAL PAINT	O2 - OXYGEN N2O -NITROUSOXIDE MA4 - MEDICAL AIR 4 SA7 - SURGICAL AIR 7 N2 - NITROGEN CO2 - CARBONDIOXIDE VAC - VACUUM	RC - RECESSED SF - SURFACE MOUNTED	01- 1 GAS 02 - 2 GASES 03 - 3 GASES 04 - 4 GASES 05 - 5 GASES 06 - 6 GASES

PNDI SERIES - ICU Rigid Pendant Arms



Medicabay PNDI Series ICU Rigid Pendant Arms offer a complete range of modern medical support units designed for intensive care, endoscopic, and diagnostic applications. These units are globally compatible, ensuring seamless integration into healthcare facilities worldwide. With a design that prioritizes versatility and ergonomic movement, Medicabay provides user-friendly and fully reliable medical support systems.

Key Features

Tailored Sizing: Units can be custom-manufactured according to specific size requirements.

Adjustable Shelving: The number of shelves can be increased upon request to accommodate multiple medical devices.

Integrated Drawers: Optional tray drawers can be added for additional storage convenience.

Infusion & Monitoring Solutions: Optional accessories such as IV poles, infusion hangers, and monitor stands can be included.

Accessory Integration: Monitor stands, IV poles, vacuum bags, flow meters, and more can be attached to suit specific requirements.

Multi-Functional Channels: These allow seamless integration of multiple accessories for increased functionality.

Benefits

Enhanced Efficiency & Compact Design: The PNDI Series ICU Rigid Pendant Arms are compact and ergonomic, allowing maximum efficiency while utilizing minimal space.

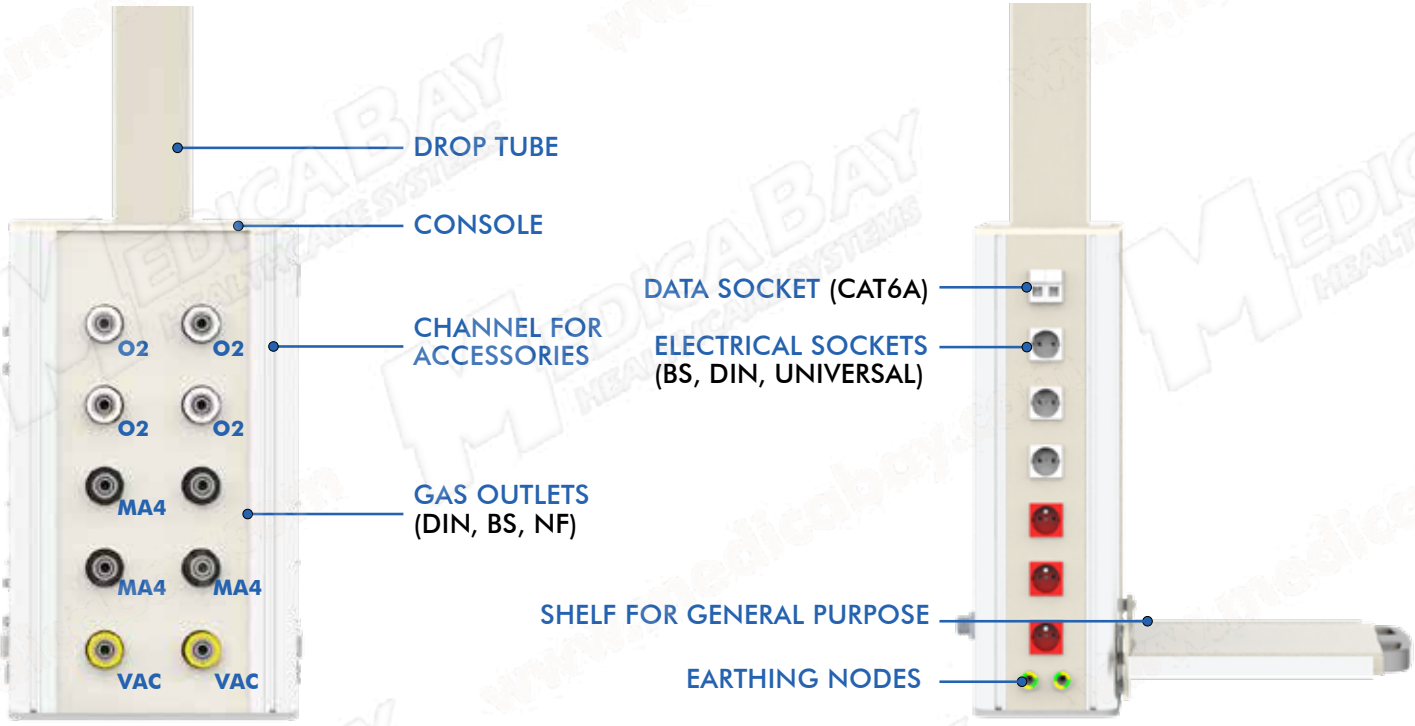
Reliable & High-Capacity Design: With a robust structure, the standard pendant arms can support up to 120 kg.

Multi-Device Mounting: Multiple medical devices can be securely mounted on various stands.

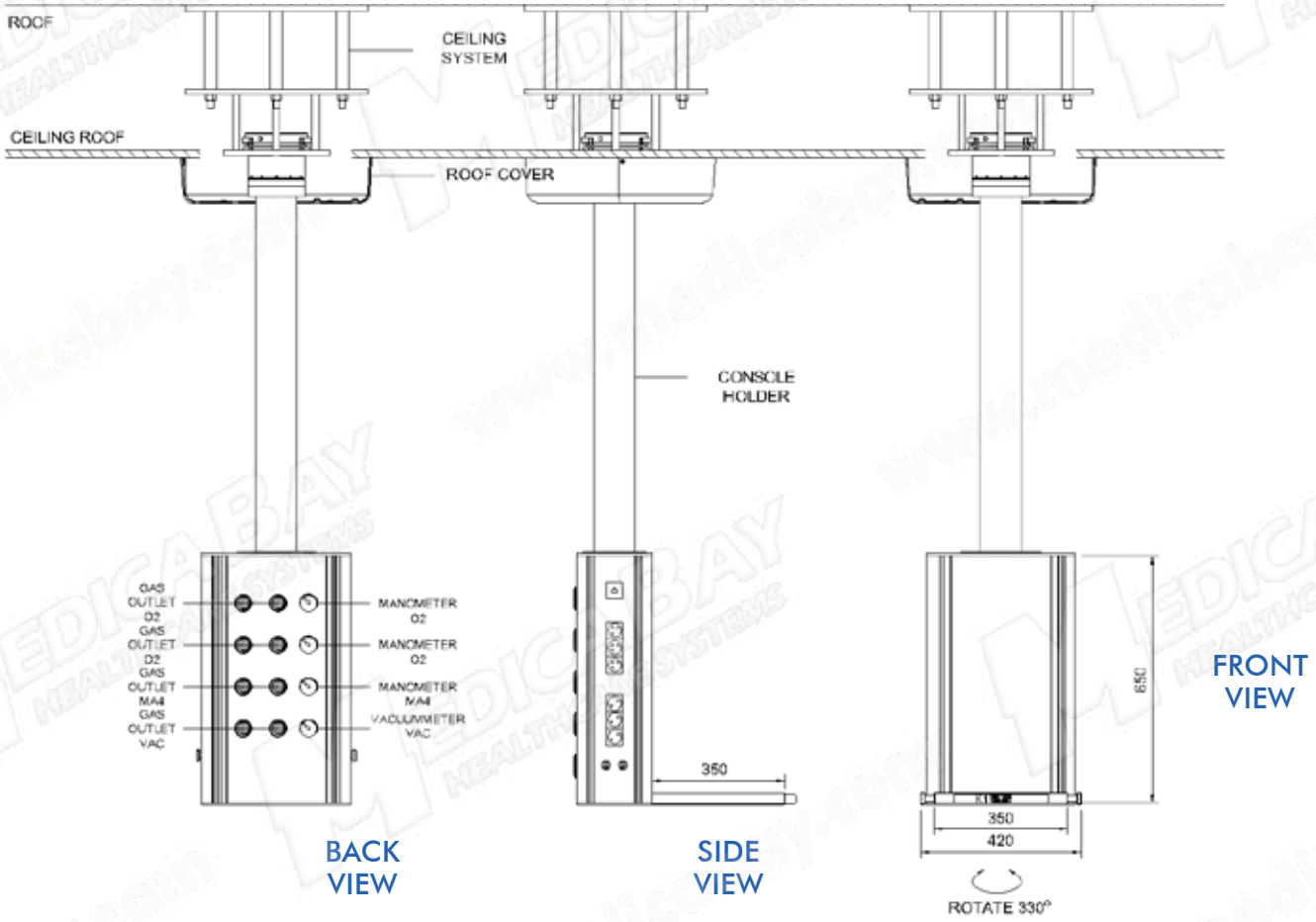
Optimized for Medical Personnel: The consoles are designed to enhance the efficiency of healthcare professionals attending to patients.

Seamless Workflow: Designed to optimize workflow, these pendant arms support healthcare professionals in delivering high-quality patient care.

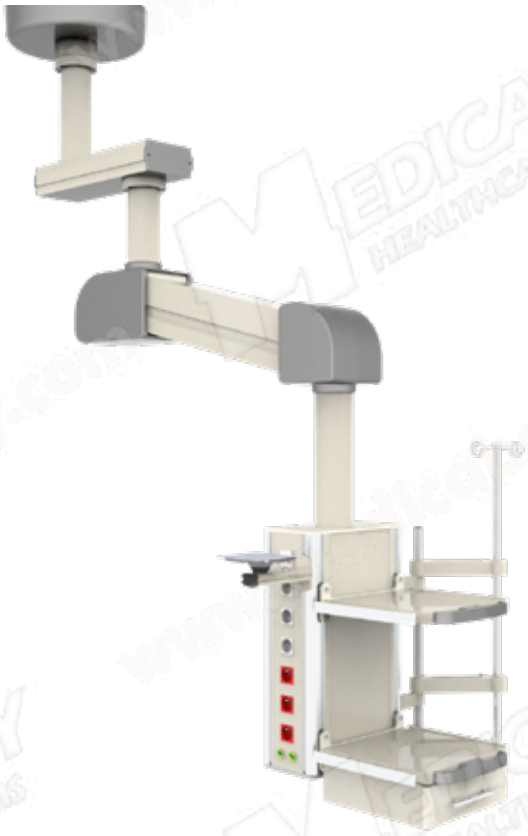
MODEL	ENERGY	ARM	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	GAS TYPE
RIGID INTENSIVE CARE UNIT PENDANT	100/240 V 50/60 Hz	Drop Tube	• German (DIN), • British (BS), • French (NF) Standard Norms If Requested • American (DISS) • Swedish (AGA) Standard Norms	• Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) • Equipotential Earth Nodes, • Double or Single RJ 45 Data Sockets (CAT6, CAT6A) • HDMI, DVI Sockets, USB Chargers	O2 - OXYGEN N2O -NITROUSOXIDE MA4 - MEDICAL AIR 4 SA7 - SURGICAL AIR 7 N2 - NITROGEN CO2 - CARBONDIOXIDE VAC - VACUUM AGS - ANAESTHESIA GAS SCAVENGING



TECHNICAL DRAWING OF RIGID PENDANT UNIT



PNDO SERIES - General Operation Pendants



Medicabay's PNDO Series General Operation Pendants are designed to provide essential medical gas and equipment management solutions in operating rooms and general medical environments. These pendants are available in both motorized and non-motorized versions, ensuring flexibility and adaptability to various healthcare settings. With a robust and ergonomic design, PNDO Series pendants optimize workspace efficiency and enhance operational workflows.

Key Features

Motorized & Non-Motorized Options: Choose between motorized pendants for effortless positioning or non-motorized vehrsions for cost-effective yet reliable performance.

Ergonomic & Space-Saving Design: Designed to maximize efficiency while minimizing footprint, ensuring a clutter-free working environment.

Integrated Drawers: Optional tray drawers can be added for additional storage convenience.

Infusion & Monitoring Solutions: Optional accessories such as IV poles, infusion hangers, and monitor stands can be included.

Accessory Integration: Monitor stands, IV poles, vacuum bags, flow meters, and more can be attached to suit specific requirements.

Benefits

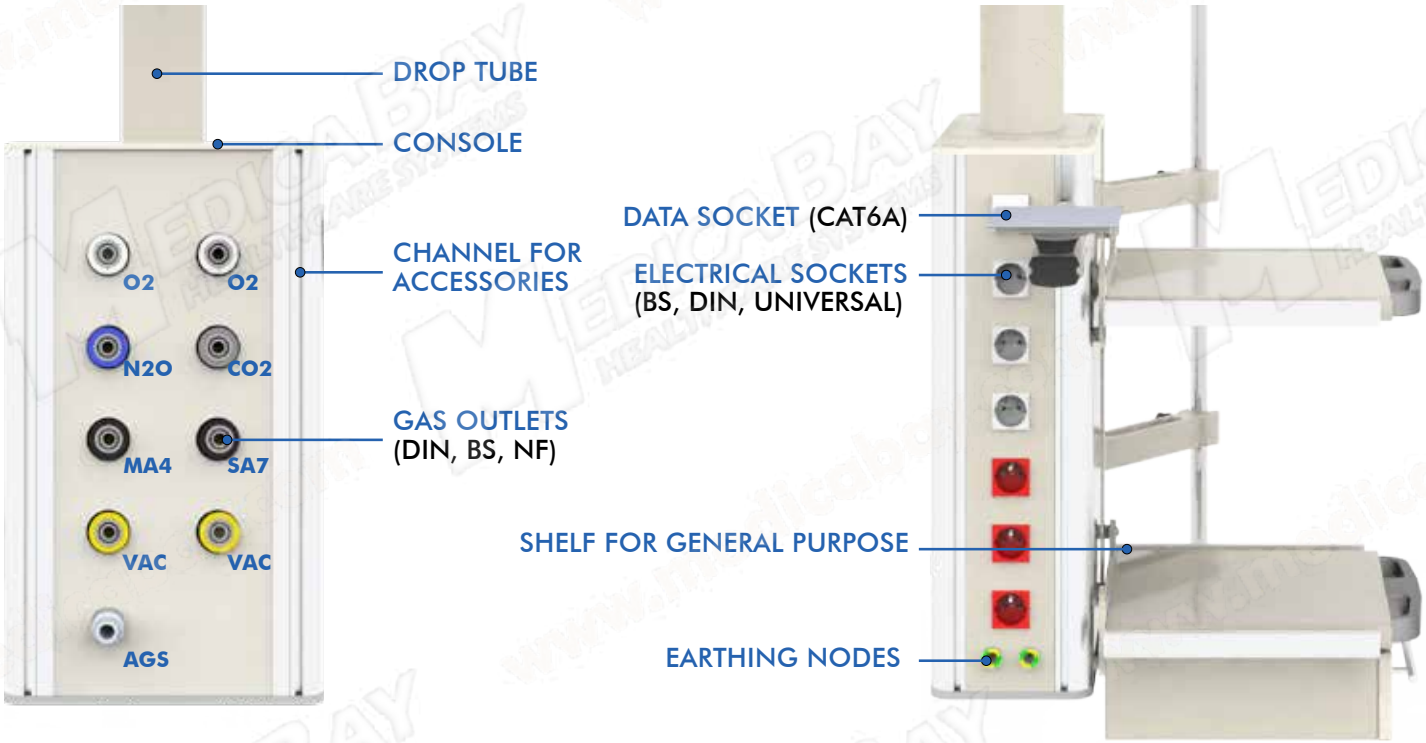
Enhanced Workflow Efficiency: Provides seamless access to medical gases and equipment, improving operational effectiveness.

Flexibility in Usage: Suitable for various surgical and medical applications due to customizable options.

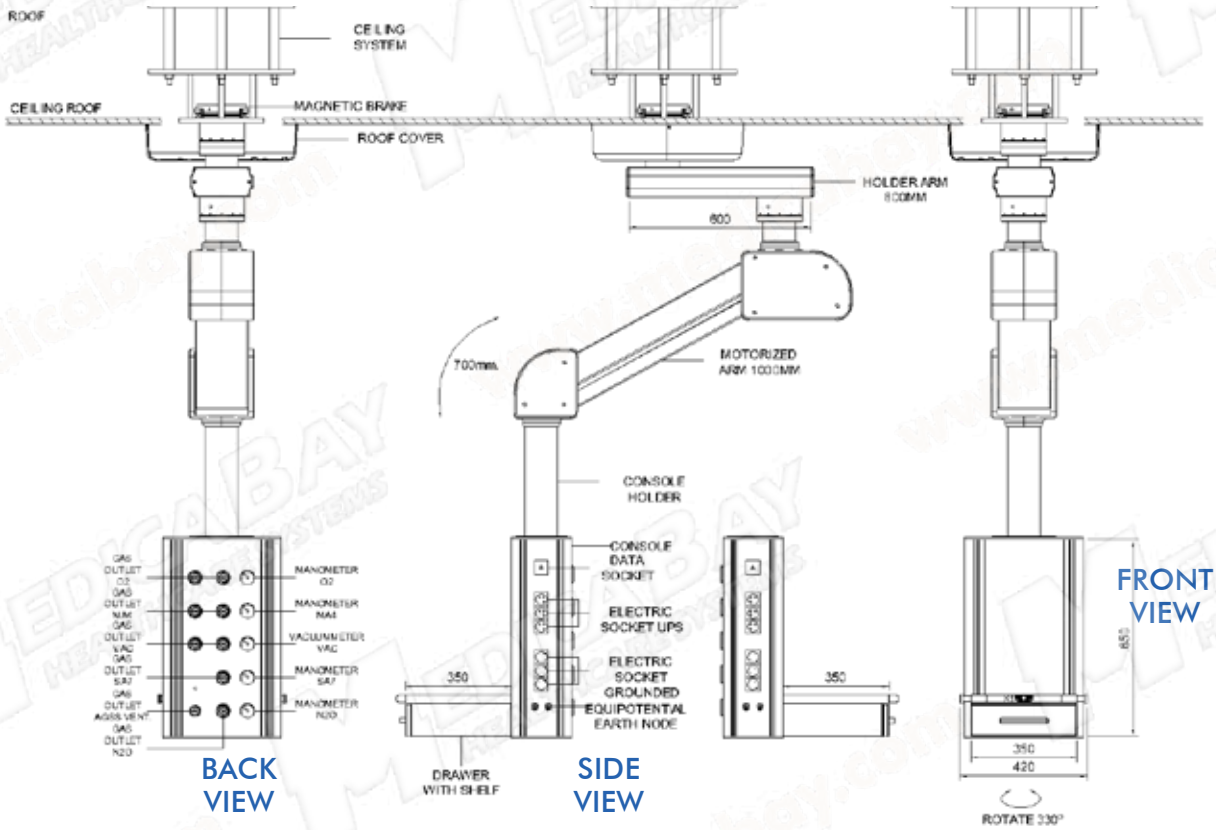
Optimized Space Utilization: Reduces workspace congestion by offering an organized and accessible equipment management system.

Improved Safety Standards: Ensures safe and efficient delivery of medical gases with integrated safety features.

MODEL	ENERGY	ARM	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	GAS TYPE
GENERAL OPERATION PENDANT	100/240 V 50/60 Hz	Drop Tube Motorless Arm Motorized Arm	• German (DIN), • British (BS), • French (NF) Standard Norms If Requested • American (DISS) • Swedish (AGA) Standard Norms	• Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) • Equipotential Earth Nodes, • Double or Single RJ 45 Data Sockets (CAT6, CAT6A) • HDMI, DVI Sockets, USB Chargers	O2 - OXYGEN N2O -NITROUSOXIDE MA4 - MEDICAL AIR 4 SA7 - SURGICAL AIR 7 N2 - NITROGEN CO2 - CARBONDIOXIDE VAC - VACUUM AGS - ANAESTHESIA GAS SCAVENGING



TECHNICAL DRAWING OF GENERAL PENDANT UNIT



PNDO SERIES - Anaesthesist Pendants

Medicabay's PNDO Series General Operation Pendants are designed to provide essential medical gas and equipment management solutions in operating rooms and general medical environments. These pendants are available in both motorized and non-motorized versions, ensuring flexibility and adaptability to various healthcare settings. With a robust and ergonomic design, PNDO Series pendants optimize workspace efficiency and enhance operational workflows.

Key Features

Motorized & Non-Motorized Options: Choose between motorized pendants for effortless positioning or non-motorized vehrsions for cost-effective yet reliable performance.

Ergonomic & Space-Saving Design: Designed to maximize efficiency while minimizing footprint, ensuring a clutter-free working environment.

Integrated Drawers: Optional tray drawers can be added for additional storage convenience.

Infusion & Monitoring Solutions: Optional accessories such as IV poles, infusion hangers, and monitor stands can be included.

Accessory Integration: Monitor stands, IV poles, vacuum bags, flow meters, and more can be attached to suit specific requirements.

Benefits

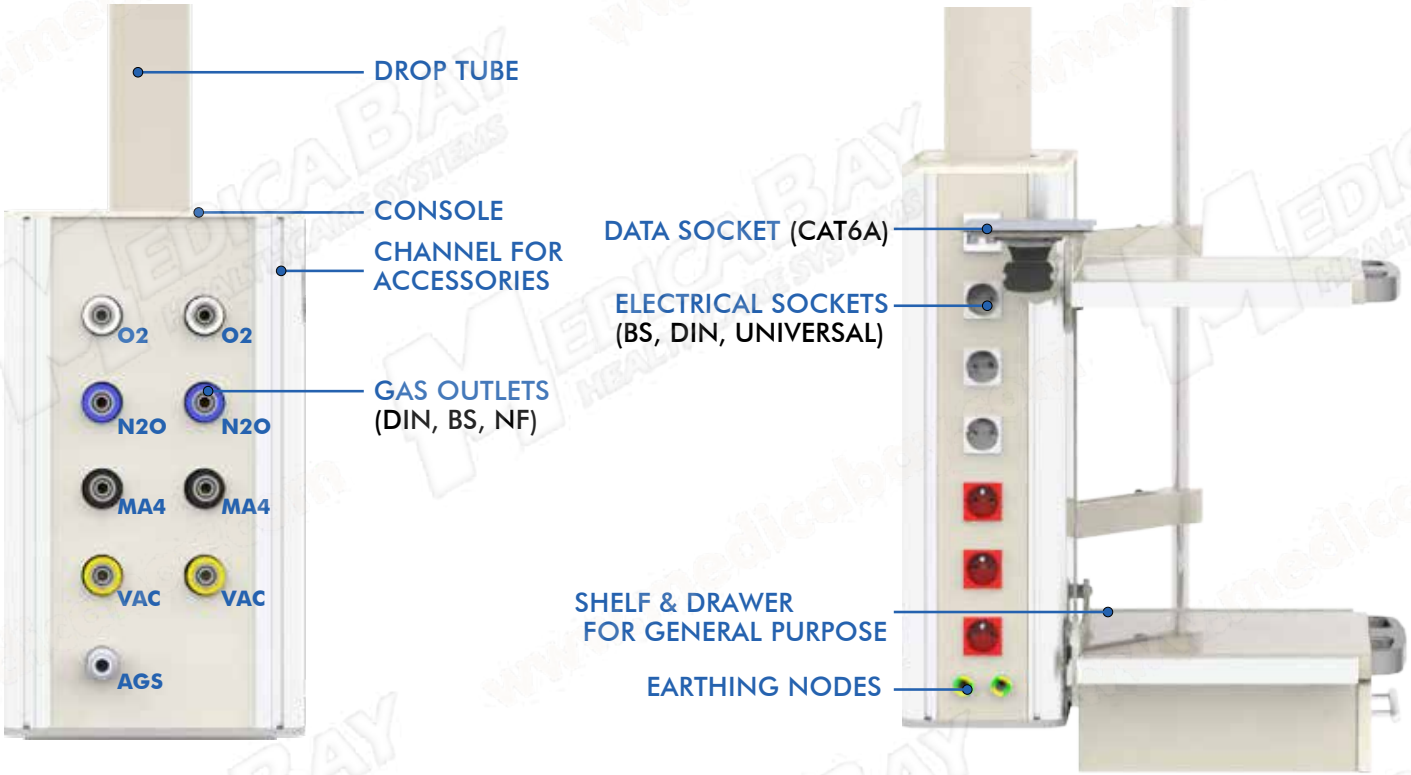
Enhanced Workflow Efficiency: Provides seamless access to medical gases and equipment, improving operational effectiveness.

Flexibility in Usage: Suitable for various surgical and medical applications due to customizable options.

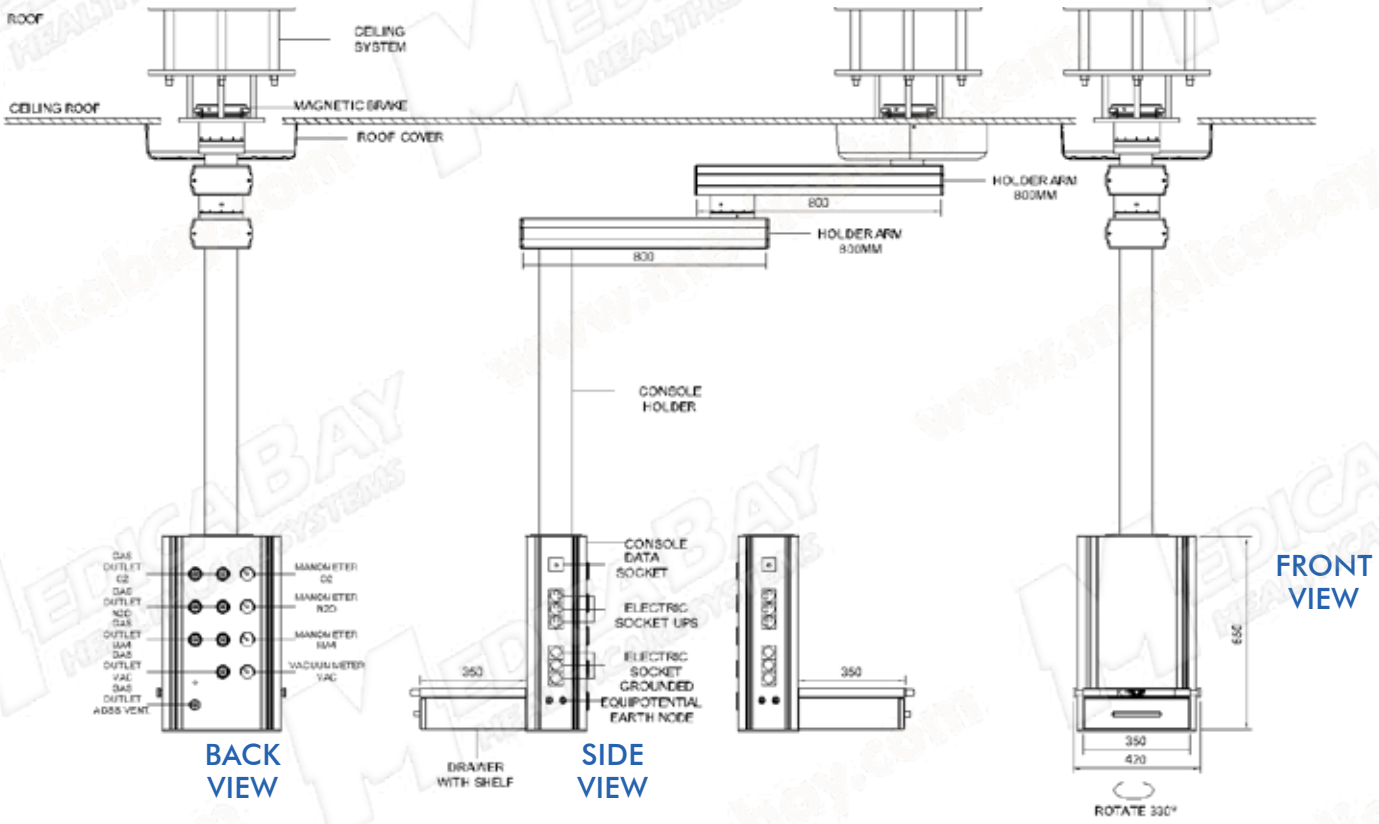
Optimized Space Utilization: Reduces workspace congestion by offering an organized and accessible equipment management system.

Improved Safety Standards: Ensures safe and efficient delivery of medical gases with integrated safety features.

MODEL	ENERGY	ARM	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	GAS TYPE
ANESTHESIST OPERATION PENDANT	100/240 V 50/60 Hz	Drop Tube Motorless Arm Motorized Arm	• German (DIN), • British (BS), • French (NF) Standard Norms If Requested • American (DISS) • Swedish (AGA) Standard Norms	• Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) • Equipotential Earth Nodes, • Double or Single RJ 45 Data Sockets (CAT6, CAT6A) • HDMI, DVI Sockets, USB Chargers	O2 - OXYGEN N2O -NITROUSOXIDE MA4 - MEDICAL AIR 4 SA7 - SURGICAL AIR 7 N2 - NITROGEN CO2 - CARBONDIOXIDE VAC - VACUUM AGS - ANAESTHESIA GAS SCAVENGING



TECHNICAL DRAWING OF ANAESTHESIST PENDANT UNIT



PNDO SERIES - Surgeon Pendants

The PNDO Series Surgeon Pendants are designed to provide exceptional medical gas and equipment management solutions in operating rooms and healthcare environments. Available in both motorized and non-motorized versions, these pendants offer adaptability to various surgical settings. With an ergonomic and durable design, the PNDO Series surgeon pendants optimize surgical workflows, ensuring a safer and more efficient working environment for medical professionals.

Key Features

Motorized & Non-Motorized Options: Choose between motorized pendants for effortless positioning or non-motorized vehrsions for cost-effective yet reliable performance.

Ergonomic & Space-Saving Design: Designed to maximize efficiency while minimizing footprint, ensuring a clutter-free working environment.

Integrated Drawers: Optional tray drawers can be added for additional storage convenience.

Infusion & Monitoring Solutions: Optional accessories such as IV poles, infusion hangers, and monitor stands can be included.

Accessory Integration: Monitor stands, IV poles, vacuum bags, flow meters, and more can be attached to suit specific requirements.

Benefits

Enhanced Workflow Efficiency: Provides seamless access to medical gases and equipment, improving operational effectiveness.

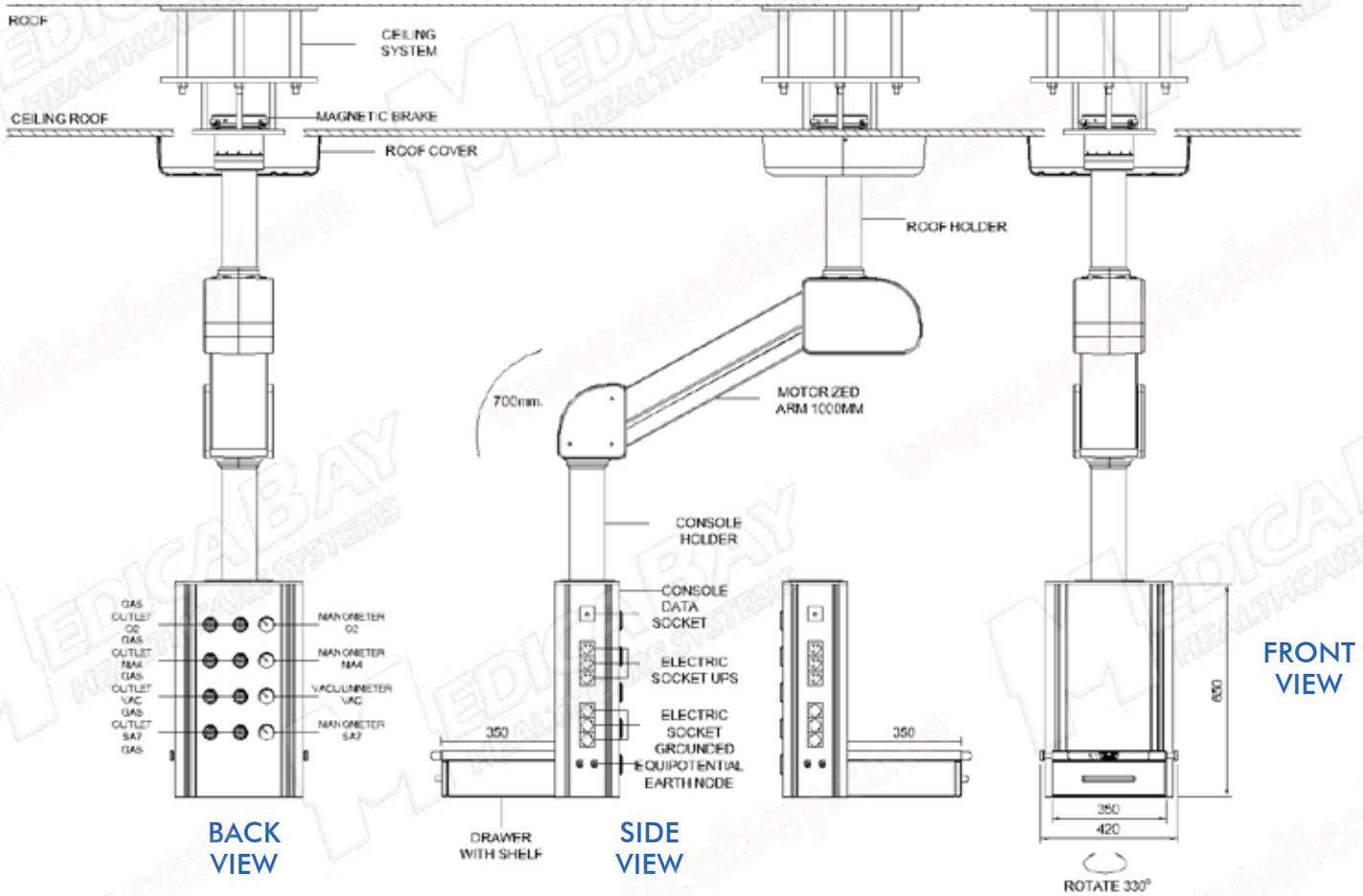
Flexibility in Usage: Suitable for various surgical and medical applications due to customizable options.

Optimized Space Utilization: Reduces workspace congestion by offering an organized and accessible equipment management system.

Improved Safety Standards: Ensures safe and efficient delivery of medical gases with integrated safety features.

MODEL	ENERGY	ARM	GAS EQUIPMENT	ELECTRICAL EQUIPMENT	GAS TYPE
SURGEON OPERATION PENDANT	100/240 V 50/60 Hz	Drop Tube Motorless Arm Motorized Arm	• German (DIN), • British (BS), • French (NF) Standard Norms If Requested • American (DISS) • Swedish (AGA) Standard Norms	• Double or Single Electrical Sockets (Schuko, BS), (With Switch, Without Switch) • Equipotential Earth Nodes, • Double or Single RJ 45 Data Sockets (CAT6, CAT6A) • HDMI, DVI Sockets, USB Chargers	O2 - OXYGEN N2O -NITROUSOXIDE MA4 - MEDICAL AIR 4 SA7 - SURGICAL AIR 7 N2 - NITROGEN CO2 - CARBONDIOXIDE VAC - VACUUM AGS - ANAESTHESIA GAS SCAVENGING

TECHNICAL DRAWING OF ANAESTHESIST PENDANT UNIT



MGO SERIES - Medical Gas Outlets & Probes

Medicabay Healthcare Systems specializes in the production of high-quality medical gas outlets, designed to meet international standards for safety, reliability, and efficiency. Our gas outlets are fully compatible with DIN, BS, and AFNOR norms, ensuring seamless integration into hospital and clinical environments. These outlets are engineered for use in pendants and bed head units, providing essential medical gases in critical care settings.

CRESTA BS 5682 STANDARD MEDICAL GAS OUTLETS

- Manufactured to BS 5682 / ISO 9170-1 specifications
- Compatible with British Standard probes
- Available for Oxygen, Nitrousoxide, Enthonox, Medical Air 4, Surgical Air 7, Carbondioxide, Nitrogen, Vacuum, Heliox.
- Color-coded for easy identification
- High-flow capacity for medical applications.
- Equipped with double valve mechanism for enhanced safety.

CRESTA MEDICAL GAS OUTLETS	
MDU.MGO.CR.BS.00O2	Oxygen (O2) Medical Gas Outlet BS Norm
MDU.MGO.CR.BS.0N2O	Nitrousoxide (N2O) Medical Gas Outlet BS Norm
MDU.MGO.CR.BS.0MA4	Medical Air 4 Bar (MA4) Gas Outlet BS Norm
MDU.MGO.CR.BS.0SA7	Surgical Air 7 Bar (SA7) Gas Outlet BS Norm
MDU.MGO.CR.BS.0CO2	Carbondioxide (CO2) Medical Gas Outlet BS Norm
MDU.MGO.CR.BS.0VAC	Vacuum (VAC) Medical Gas Outlet BS Norm

CRESTA DIN 13260-2 STANDARD MEDICAL GAS OUTLETS

- Designed according to DIN 13260-2 / ISO 9170-1 specifications
- Compatible with DIN Standard probes
- Available for Oxygen, Nitrousoxide, Enthonox, MedicalAir 4, Surgical Air 7, Carbondioxide, Nitrogen, Vacuum, Heliox.
- Color-coded for easy identification
- High-flow capacity for medical applications.
- Equipped with double valve mechanism for enhanced safety.

CRESTA MEDICAL GAS OUTLETS	
MDU.MGO.CR.DIN.00O2	Oxygen (O2) Medical Gas Outlet DIN Norm
MDU.MGO.CR.DIN.0N2O	Nitrousoxide (N2O) Medical Gas Outlet DIN Norm
MDU.MGO.CR.DIN.0MA4	Medical Air 4 Bar (MA4) Gas Outlet DIN Norm
MDU.MGO.CR.DIN.0SA7	Surgical Air 7 Bar (SA7) Gas Outlet DIN Norm
MDU.MGO.CR.DIN.0CO2	Carbondioxide (CO2) Medical Gas Outlet DIN Norm
MDU.MGO.CR.DIN.0VAC	Vacuum (VAC) Medical Gas Outlet DIN Norm

CRESTA NF S 90-116 STANDARD MEDICAL GAS OUTLETS

- Designed according to NF S 90-116 / ISO 9170-1 specifications
- Compatible with French Standard probes
- Available for Oxygen, Nitrousoxide, Enthonox, Medical Air 4, Surgical Air 7, Carbondioxide, Nitrogen, Vacuum, Heliox.
- Color-coded for easy identification
- High-flow capacity for medical applications.
- Equipped with double valve mechanism for enhanced safety.

CRESTA MEDICAL GAS OUTLETS	
MDU.MGO.CR.NFS.00O2	Oxygen (O2) Medical Gas Outlet NF-S Norm
MDU.MGO.CR.NFS.0N2O	Nitrousoxide (N2O) Medical Gas Outlet NF-S Norm
MDU.MGO.CR.NFS.0MA4	Medical Air 4 Bar (MA4) Gas Outlet NF-S Norm
MDU.MGO.CR.NFS.0SA7	Surgical Air 7 Bar (SA7) Gas Outlet NF-S Norm
MDU.MGO.CR.NFS.0CO2	Carbondioxide (CO2) Medical Gas Outlet NF-S Norm
MDU.MGO.CR.NFS.0VAC	Vacuum (VAC) Medical Gas Outlet NF-S Norm

AURA BS 5682 STANDARD MEDICAL GAS OUTLETS

- Manufactured to BS 5682 / ISO 9170-1 specifications
- Compatible with British Standard probes
- Available for Oxygen, Nitrousoxide, Enthonox, Medical Air 4,Surgical Air 7, Carbondioxide, Nitrogen, Vacuum, Heliox.
- Color-coded for easy identification
- High-flow capacity for medical applications.
- Equipped with double valve mechanism for enhanced safety.
- Chromium plated brass cover.

AURA MEDICAL GAS OUTLETS	
MDU.MGO.AR.BS.00O2	Oxygen (O2) Medical Gas Outlet BS Norm
MDU.MGO.AR.BS.0N2O	Nitrousoxide (N2O) Medical Gas Outlet BS Norm
MDU.MGO.AR.BS.0MA4	Medical Air 4 Bar (MA4) Gas Outlet BS Norm
MDU.MGO.AR.BS.0SA7	Surgical Air 7 Bar (SA7) Gas Outlet BS Norm
MDU.MGO.AR.BS.0CO2	Carbondioxide (CO2) Medical Gas Outlet BS Norm
MDU.MGO.AR.BS.0VAC	Vacuum (VAC) Medical Gas Outlet BS Norm

AURA BS TYPE MEDICAL GAS OUTLET WITH BACK FIXTURE

AURA BS TYPE MEDICAL GAS OUTLET

AURA DIN 13260-2 STANDARD MEDICAL GAS OUTLETS

- Designed according to DIN 13260-2 / ISO 9170-1 specifications
- Compatible with DIN Standard probes
- Available for Oxygen, Nitrousoxide, Enthonox, Medical Air 4, Surgical Air 7, Carbondioxide, Nitrogen, Vacuum, Heliox.
- Color-coded for easy identification
- High-flow capacity for medical applications.
- Equipped with double valve mechanism for enhanced safety.

AURA MEDICAL GAS OUTLETS	
MDU.MGO.AR.DIN.00O2	Oxygen (O2) Medical Gas Outlet DIN Norm
MDU.MGO.AR.DIN.0N2O	Nitrousoxide (N2O) Medical Gas Outlet DIN Norm
MDU.MGO.AR.DIN.0MA4	Medical Air 4 Bar (MA4) Gas Outlet DIN Norm
MDU.MGO.AR.DIN.0SA7	Surgical Air 7 Bar (SA7) Gas Outlet DIN Norm
MDU.MGO.AR.DIN.0CO2	Carbondioxide (CO2) Medical Gas Outlet DIN Norm
MDU.MGO.AR.DIN.0VAC	Vacuum (VAC) Medical Gas Outlet DIN Norm

AURA BS TYPE MEDICAL GAS OUTLET WITH BACK FIXTURE

AURA BS TYPE MEDICAL GAS OUTLET

ANAESTHESIA GAS SCAVENG ACTIVE (VENTURI) MEDICAL GAS OUTLETS

- Designed according to ISO 7396-2 / EN 9170-2 specifications
- Base-block, gas-specific, to be connected to the related AGSS network
- Gas-specific nickel-plated brass terminal unit with identification label
- Aluminium fixation support for secure installation
- On-Off & Adjusting Pneumatic Switch for precise control
- Requires 4-bar compressed air supply for optimal Venturi effect
- Durable and corrosion-resistant materials

ANAESTHESIA GAS SCAVENG ACTIVE (VENTURI) MEDICAL GAS OUTLETS	
MDU.MGO.CR.AGS.V001	AGS Venturi Type Medical Gas Outlet

ANAESTHESIA GAS SCAVENG ACTIVE (VENTURI) MEDICAL GAS PROBES	
MDU.MGO.PR.AGS.V001	AGS Venturi Type Medical Gas Probe

ANAESTHESIA GAS SCAVENG PASSIVE (PUMP) MEDICAL GAS OUTLETS

- Designed according to ISO 7396-2 / EN 9170-2 specifications
- Gas-specific base block for secure AGSS network connection
- Nickel-plated brass terminal unit with identification label
- Aluminium fixation support for durable installation
- Passive system relying on central AGSS pumps for effective gas evacuation
- No additional compressed air supply required
- Durable and corrosion-resistant materials

ANAESTHESIA GAS SCAVENG PASSIVE (PUMP) MEDICAL GAS OUTLETS	
MDU.MGO.CR.AGS.P001	AGS Pump Type Medical Gas Outlet

ANAESTHESIA GAS SCAVENG PASSIVE (PUMP MEDICAL GAS PROBES	
MDU.MGO.PR.AGS.P001	AGS Pump Type Medical Gas Probe

MGO SERIES - Medical Gas Probes

Key Features
Durable Construction: Made from high-quality materials like brass or stainless steel, ensuring long-lasting durability and resistance to corrosion.
Standard Compliance: Manufactured according to DIN, BS, and NF standards, ensuring reliable, safe, and consistent performance.

MEDICAL GAS PROBES	
MDU.MGO.PR.BS.00O2	Oxygen (O2) Medical Gas Probe BS Norm
MDU.MGO.PR.BS.0N2O	Nitrousoxide (N2O) Medical Gas Probe BS Norm
MDU.MGO.PR.BS.0MA4	Medical Air 4 Bar (MA4) Gas Probe BS Norm
MDU.MGO.PR.BS.0SA7	Surgical Air 7 Bar (SA7) Gas Probe BS Norm
MDU.MGO.PR.BS.0CO2	Carbondioxide (CO2) Medical Gas Probe BS Norm
MDU.MGO.PR.BS.0VAC	Vacuum (VAC) Medical Gas Probe BS Norm

MEDICAL GAS PROBES	
MDU.MGO.PR.DIN.00O2	Oxygen (O2) Medical Gas Probe DIN Norm
MDU.MGO.PR.DIN.0N2O	Nitrousoxide (N2O) Medical Gas Probe DIN Norm
MDU.MGO.PR.DIN.0MA4	Medical Air 4 Bar (MA4) Gas Probe DIN Norm
MDU.MGO.PR.DIN.0SA7	Surgical Air 7 Bar (SA7) Gas Probe DIN Norm
MDU.MGO.PR.DIN.0CO2	Carbondioxide (CO2) Medical Gas Probe DIN Norm
MDU.MGO.PR.DIN.0VAC	Vacuum (VAC) Medical Gas Probe DIN Norm

MEDICAL GAS PROBES	
MDU.MGO.PR.NFS.00O2	Oxygen (O2) Medical Gas Outlet NF S Norm
MDU.MGO.PR.NFS.0N2O	Nitrousoxide (N2O) Medical Gas Outlet NF S Norm
MDU.MGO.PR.NFS.0MA4	Medical Air 4 Bar (MA4) Gas Outlet NF S Norm
MDU.MGO.PR.NFS.0SA7	Surgical Air 7 Bar (SA7) Gas Outlet NF S Norm
MDU.MGO.PR.NFS.0CO2	Carbondioxide (CO2) Medical Gas Outlet NF S Norm
MDU.MGO.PR.NFS.0VAC	Vacuum (VAC) Medical Gas Outlet NF S Norm

FLW SERIES - Oxygen Flowmeters

OXYGEN (O2) FLOWMETER (0-15 LPM) WITH HUMIDIFIER 200CC

Key Features

Polycarbonate Outer & Inner Tube: Provides transparency and durability for easy visibility of the flow.
Chromium Plated Brass Body: Offers corrosion resistance, strength, and durability for long-lasting performance.
Flow Rate: 15 L/min, ideal for steady and precise gas flow control in medical applications.
Back Pressure Compensated: Ensures consistent flow even under varying backpressure conditions.
Steady Flow Adjustment: Allows for precise and stable flow rate control, ensuring patient safety.
Brass Construction for Durability: Designed to withstand frequent use and provide lasting reliability.
Manufactured According to Standards: Conforms to BS, DIN, and NF standards, ensuring quality and safety.

OXYGEN FLOWMETER WITH HUMIDIFIER	
MGA.FLW.BS.PC.H00O2	Oxygen (O2) Flowmeter With P. Humidifier BS Norm
MGA.FLW.DIN.PC.H00O2	Oxygen (O2) Flowmeter With P. Humidifier DIN Norm
MGA.FLW.NF.PC.H00O2	Oxygen (O2) Flowmeter With P. Humidifier NF Norm
MGA.FLW.BS.MT.H00O2	Oxygen (O2) Flowmeter With Metal Humidifier BS Norm
MGA.FLW.DIN.MT.H00O2	Oxygen (O2) Flowmeter With Metal Humidifier DIN Norm
MGA.FLW.NF.MT.H00O2	Oxygen (O2) Flowmeter With Metal Humidifier NF Norm

OXYGEN (O2) FLOWMETER RAIL TYPE (0-15 LPM) WITH HUMIDIFIER

Key Features

Polycarbonate Outer & Inner Tube: Provides transparency and durability for easy visibility of the flow.
Chromium Plated Brass Body: Offers corrosion resistance, strength, and durability for long-lasting performance.
Flow Rate: 15 L/min, ideal for steady and precise gas flow control in medical applications.
Back Pressure Compensated: Ensures consistent flow even under varying backpressure conditions.
Steady Flow Adjustment: Allows for precise and stable flow rate control, ensuring patient safety.
Long Hose for Easy Connection: Comes with a long hose for convenient and flexible connection with probes compliant with DIN, BS, or NF standards.
Aluminum Rail Mounting Parts: Features lightweight, durable aluminum rail mounting components for secure, easy installation on rail systems.

OXYGEN FLOWMETER RAIL TYPE WITH HUMIDIFIER	
MGA.FLW.R.BS.PC.H00O2	Rail Type Oxygen (O2) Flowmeter With P. Humidifier BS Norm
MGA.FLW.R.DIN.PC.H00O2	Rail Type Oxygen (O2) Flowmeter With P. Humidifier DIN Norm
MGA.FLW.R.NF.PC.H00O2	Rail Type Oxygen (O2) Flowmeter With P. Humidifier NF Norm

OXYGEN (O2) FLOWMETER (0-15 LPM) WITH HOSE CONNECTOR

Key Features

Durable Polycarbonate Tube & Brass Body: Provides transparency, strength, and corrosion resistance.
Flow Rate: 15 L/min with back pressure compensation for consistent flow.
Hose Connection: Ensures a reliable and safe connection to medical gas systems.
Steady Flow Adjustment: Allows precise and stable flow control.
Built to Standards: Manufactured according to BS, DIN, and NF standards.

OXYGEN FLOWMETER WITH HOSE CONNECTOR	
MGA.FLW.BS.HC.00O2	Oxygen (O2) Flowmeter With Hose Connector BS Norm
MGA.FLW.DIN.HC.00O2	Oxygen (O2) Flowmeter With Hose Connector DIN Norm
MGA.FLW.NF.HC.00O2	Oxygen (O2) Flowmeter With Hose Connector NF Norm

HUMIDIFIER BOTTLE 200CC

Key Features

Autoclavable up to 134°C: Can be safely sterilized for repeated use, ensuring hygiene.
Polycarbonate or Metal Bottle: Durable, impact-resistant material designed for maximum longevity.
200cc Capacity: Ideal size for consistent humidification in medical environments.
Internal Micro Filter: Prevents inhalation of debris, ensuring cleaner airflow and better patient protection.
Reusable Design: Environmentally friendly and cost-effective, designed for multiple uses.

HUMIDIFIER BOTTLE 200CC	
MGA.FLW.PC.H00O2	Plastic Humidifer Bottle 200cc.
MGA.FLW.MT.H00O2	Metal Humidifer Bottle 200cc.

OXYGEN (O2) FLOWMETER (0-15 LPM) WITH HUMIDIFIER & MANOMETER

Key Features

Integrated Oxygen Manometer: Built-in manometer for accurate pressure readings alongside the flowmeter with another hose connection.
Flow Rate: Provides precise oxygen flow measurement, typically ranging from 0-15 L/min (depending on model).
Durable Construction: Made from high-quality materials such as chromium-plated brass and polycarbonate for durability and reliability.
Clear Readability: Manometer and flowmeter markings are easy to read for accurate and quick measurements.
Back Pressure Compensated: Ensures consistent flow even under varying backpressure conditions.
Oxygen Specific Design: Optimized for oxygen use, offering safety and accurate performance.
Standard Compliance: Manufactured according to BS, DIN, and NF standards to ensure reliability and safety.

OXYGEN FLOWMETER WITH HUMIDIFIER & MANOMETER	
MGA.FLW.M.BS.PC.H00O2	Oxygen (O2) Flowmeter With P. Humidifier & Manometer BS Norm
MGA.FLW.M.DIN.PC.H00O2	Oxygen (O2) Flowmeter With P. Humidifier & Manometer DIN Norm
MGA.FLW.M.NF.PC.H00O2	Oxygen (O2) Flowmeter With P. Humidifier & Manometer NF Norm

TWIN OXYGEN (O2) FLOWMETER (0-15 LPM) WITH HUMIDIFIER 200CC

Key Features

Dual Flow Measurement: Allows simultaneous measurement of two independent flow rates for multiple gas channels.
Precise Flow Control: Provides accurate flow readings, typically from 0-15 L/min for each channel (depending on the model).
Back Pressure Compensation: Ensures consistent flow rates even with varying back pressure, enhancing reliability.
Durable Construction: Made from high-quality materials like chromium-plated brass and polycarbonate for long-lasting use.
Dual Outlet Connectors: Includes two secure DISS 9/16 outlet connectors for easy hose connections to medical systems.
Steady Flow Adjustment: Allows fine-tuned control for each individual gas channel, ensuring safety and accuracy.
Standard Compliance: Manufactured according to BS, DIN, and NF standards for quality and safety.

OXYGEN FLOWMETER WITH HUMIDIFIER	
MGA.FLW.TW.BS.PC.H00O2	Twin Oxygen (O2) Flowmeter With P. Humidifier BS Norm
MGA.FLW.TW.DIN.PC.H00O2	Twin Oxygen (O2) Flowmeter With P. Humidifier DIN Norm
MGA.FLW.TW.NF.PC.H00O2	Twin Oxygen (O2) Flowmeter With P. Humidifier NF Norm
MGA.FLW.TW.BS.MT.H00O2	Twin Oxygen (O2) Flowmeter With Metal Humidifier BS Norm
MGA.FLW.TW.DIN.MT.H00O2	Twin Oxygen (O2) Flowmeter With Metal Humidifier DIN Norm
MGA.FLW.TW.NF.MT.H00O2	Twin Oxygen (O2) Flowmeter With Metal Humidifier NF Norm

OXYGEN (O2) THERAPY DEVICE WITH HUMIDIFIER 200CC

Key Features

Pressure Resistance: High-pressure resistant manometer ensures secure and reliable performance with a robust brass body for durability and strength.
Connection Compatibility: Easily connects with humidifiers or nebulizers for versatile oxygen therapy setups.
Flow Measurement: Polycarbonate outer and inner tube for visibility and durability, chromium-plated brass body for corrosion resistance, 15 L/min flow rate with back pressure compensation for consistent and accurate oxygen flow, and outlet connector DISS 9/16 for secure and easy hose connections.
Flow Control: Control knob allows steady and precise adjustment of the flow rate for optimal oxygen delivery, with brass construction ensuring durability over time.
Sterilization: Reusable design, autoclavable up to 134°C for easy sterilization, ensuring hygiene and maximum durability.
Filtration: Internal micro filter prevents the inhalation of debris, ensuring cleaner and safer oxygen delivery.

OXYGEN THERAPY DEVICE WITH HUMIDIFIER	
MGA.FLW.CYL.BS.PC.H00O2	Oxygen (O2) Therapy Device With P. Humidifier Cylinder Connection For G 5/8" BS 341 nr.3
MGA.FLW.CYL.DIN.PC.H00O2	Oxygen (O2) Therapy Device With P. Humidifier Cylinder Connection For G 3/4" DIN 477 nr.9
MGA.FLW.CYL.NF.PC.H00O2	Oxygen (O2) Therapy Device With P. Humidifier Cylinder Connection For Ø 22,91 x 1,814 NF E 29-650/F

RGL Series - Medical Gas Regulators

MEDICAL GAS MANOMETER WITH HOSE CONNECTION

Key Features

Pressure Measurement: Provides accurate and reliable pressure readings for medical gas systems, ensuring safety and efficiency.
High-Pressure Resistance: Designed to withstand high pressures, offering secure and dependable performance in critical healthcare environments.
Durable Construction: Robust body made of brass for exceptional strength and long-lasting durability in demanding medical applications.
Clear Readability: Large, easy-to-read dial for quick and accurate pressure monitoring during medical procedures.
Connector Compatibility: Compatible with a wide range of medical gas equipment for versatile usage across different healthcare systems.
Standard Compliance: Manufactured according to BS, DIN, and NF standards, ensuring quality and safety in medical applications.

MEDICAL GAS MANOMETER WITH HOSE CONNECTION	
MGA.MGR.MNT.DIN.00O2	Oxygen (O2) Medical Gas Manometer DIN Norm
MGA.MGR.MNT.DIN.0N2O	Nitrousoxide (N2O) Medical Gas Manometer DIN Norm
MGA.MGR.MNT.DIN.0MA4	Medical Air 4 Bar (MA4) Medical Gas Manometer DIN Norm
MGA.MGR.MNT.DIN.0SA7	Surgical Air 7 Bar (SA7) Medical Gas ManometerDIN Norm
MGA.MGR.MNT.DIN.0CO2	Carbondioxide (CO2) Medical Gas Manometer DIN Norm
MGA.MGR.MNT.BS.00O2	Oxygen (O2) Medical Gas Manometer BS Norm
MGA.MGR.MNT.BS.0N2O	Nitrousoxide (N2O) Medical Gas Manometer BS Norm
MGA.MGR.MNT.BS.0MA4	Medical Air 4 Bar (MA4) Medical Gas Manometer BS Norm
MGA.MGR.MNT.BS.0SA7	Surgical Air 7 Bar (SA7) Medical Gas Manometer BS Norm
MGA.MGR.MNT.BS.0CO2	Carbondioxide (CO2) Medical Gas Manometer BS Norm
MGA.MGR.MNT.NFS.00O2	Oxygen (O2) Medical Gas Manometer NF Norm
MGA.MGR.MNT.NFS.0N2O	Nitrousoxide (N2O) Medical Gas Manometer NF Norm
MGA.MGR.MNT.NFS.0MA4	Medical Air 4 Bar (MA4) Medical Gas Manometer NF Norm
MGA.MGR.MNT.NFS.0SA7	Surgical Air 7 Bar (SA7) Medical Gas Manometer NF Norm
MGA.MGR.MNT.NFS.0CO2	Carbondioxide (CO2) Medical Gas Manometer NF Norm

OXYGEN REGULATOR WITH MEDICAL GAS OUTLET CYLINDER CONNECTOR

Key Features
Oxygen Gas Outlet : Secure and reliable outlet for oxygen supply, designed for safe and efficient oxygen delivery in healthcare environments.
Regulator Integration : Built-in regulator for precise control of oxygen pressure, ensuring optimal flow and reducing the risk of over-pressurization.
Cylinder Connection: Compatible with standard oxygen cylinders for easy and secure connection, ensuring continuous oxygen supply.
Standard Compliance: Manufactured according to BS, DIN, and NF standards for safety and reliability.

OXYGEN REGULATOR WITH MEDICAL GAS OUTLET CYLINDER CONNECTOR	
MGA.MGR.CYL.MGO.BS.O2	Oxygen Regulator W. Med. BS Outlet, Cyl.Con. For G 5/8" BS 341 nr.3
MGA.MGR.CYL.MGO.DIN.O2	Oxygen Regulator W. Med. DIN Outlet Cyl. Con. For G 3/4" DIN 477 nr.9
MGA.MGR.CYL.MGO.NFS.O2	Oxygen Regulator W. Med. NF Outlet Cyl.Con. For Ø 22,91 x 1,814 NF E 29-650/F

DOUBLE MEDICAL GAS OUTLET ADAPTER

Key Features:

Dual Gas Connection: Allows simultaneous connection of two medical gas lines for efficient and flexible gas distribution.

Compatibility: Designed to fit standard medical gas outlets, ensuring seamless integration with existing hospital infrastructure.

Durable Construction: Made of high-quality brass and corrosion-resistant materials for long-lasting performance in medical environments.

Secure and Leak-Proof Design: Precision-engineered fittings ensure a tight, secure connection, minimizing the risk of leaks.

Easy Installation: Quick and hassle-free setup with standard gas outlets and connectors.

Standard Compliance: Manufactured according to BS, DIN, and NF standards, ensuring safety and reliability in medical applications.

DOUBLE MEDICAL GAS OUTLET ADAPTER	
MGA.MGO.DB.BS.00O2	Double Oxygen (O2) Medical Gas Outlet Adapter BS Norm
MGA.MGO.DB.BS.0N2O	Double Nitrousoxide (N2O) Medical Gas Outlet Adapter BS Norm
MGA.MGO.DB.BS.0MA4	Double Medical Air 4 Bar (MA4) Gas Outlet Adapter BS Norm
MGA.MGO.DB.BS.0SA7	Double Surgical Air 7 Bar (SA7) Gas Outlet Adapter BS Norm
MGA.MGO.DB.BS.0CO2	Double Carbondioxide (CO2) Medical Gas Outlet Adapter BS Norm
MGA.MGO.DB.BS.0VAC	Double Vacuum (VAC) Medical Gas Outlet BS Norm
MGA.MGO.DB.DIN.00O2	Double Oxygen (O2) Medical Gas Outlet DIN Norm
MGA.MGO.DB.DIN.0N2O	Double Nitrousoxide (N2O) Medical Gas Outlet DIN Norm
MGA.MGO.DB.DIN.0MA4	Double Medical Air 4 Bar (MA4) Gas Outlet DIN Norm
MGA.MGO.DB.DIN.0SA7	Double Surgical Air 7 Bar (SA7) Gas Outlet DIN Norm
MGA.MGO.DB.DIN.0CO2	Double Carbondioxide (CO2) Medical Gas Outlet DIN Norm
MGA.MGO.DB.DIN.0VAC	Double Vacuum (VAC) Medical Gas Outlet DIN Norm
MGA.MGO.DB.NF.00O2	Double Oxygen (O2) Medical Gas Outlet Adapter NF Norm
MGA.MGO.DB.NF.0N2O	Double Nitrousoxide (N2O) Medical Gas Outlet Adapter NF Norm
MGA.MGO.DB.NF.0MA4	Double Medical Air 4 Bar (MA4) Gas Outlet Adapter NF Norm
MGA.MGO.DB.NF.0SA7	Double Surgical Air 7 Bar (SA7) Gas Outlet Adapter NF Norm
MGA.MGO.DB.NF.0CO2	Double Carbondioxide (CO2) Medical Gas Outlet Adapter NF Norm
MGA.MGO.DB.NF.0VAC	Double Vacuum (VAC) Medical Gas Outlet NF Norm

MEDICA BAY HEALTHCARE SYSTEMS

MGV Series - Medical Suction Devices

VACUUM REGULATOR WITH TRAP JAR 200CC

Key Features

Precise Vacuum Regulation: Gradually adjustable vacuum level ensures accurate suction control for patient aspiration.
Hose Connection: Designed for easy and secure transfer to the aspiration jar, providing efficient fluid collection.
Dual Scale Pressure Display: Clearly marked pressure gauge with both psi and kPa readings for precise monitoring.
High-Pressure Handwheel Connector: Ensures a secure and stable connection for reliable vacuum performance.
Safety Features: Integrated excess pressure safety valve prevents over-pressurization, ensuring patient safety.
On/Off Switch: Allows quick activation and deactivation of aspiration when needed.
Universal Compatibility: Available with different European connectors and inlets, making it adaptable for various medical environments.
Durable Construction: Robust brass body for long-lasting performance and resistance to wear.

VACUUM REGULATOR WITH TRAP JAR	
MGA.MGV.BS.VI.T0VAC	Vacuum (VAC) Regulator With Trap Jar BS Norm
MGA.MGV.DIN.VI.T0VAC	Vacuum (VAC) Regulator With Trap Jar DIN Norm
MGA.MGV.NF.VI.T0VAC	Vacuum (VAC) Regulator With Trap Jar NF Norm

VACUUM (VAC) REGULATOR RAIL TYPE WITH HOSE CONNECTOR

Key Features
Precise Vacuum Regulation: Gradually adjustable vacuum level for controlled and accurate suction.
Rail-Mounted Design: Securely attaches to standard medical equipment rails, allowing easy access and space-saving installation.
Hose Connection: Ensures easy and reliable transfer to the aspiration jar for fluid collection.
Dual Scale Pressure Gauge: Displays both psi and kPa readings for precise monitoring and control.
High-Pressure Handwheel Connector: Provides a stable and leak-proof connection to the medical vacuum system.
Integrated Safety System: Built-in excess pressure safety valve prevents over-pressurization, ensuring patient safety.
On/Off Switch: Allows quick activation and deactivation of aspiration when needed.
Universal Compatibility: Available with different European connectors and inlet types, making it adaptable to various medical systems.

RAIL TYPE VACUUM REGULATOR WITH HOSE CONNECTOR	
MGA.MGV.R.BS.VI.00VAC	Rail Type Vacuum (VAC) Regulator With Hose Connector BS Norm
MGA.MGV.R.DIN.VI.00VAC	Rail Type Vacuum (VAC) Regulator With Hose Connector DIN Norm
MGA.MGV.R.NF.VI.00VAC	Rail Type Vacuum (VAC) Regulator With Hose Connector NF Norm

VACUUM REGULATOR WITH HOSE CONNECTOR

Key Features

Precise Vacuum Regulation: Gradually adjustable vacuum level for controlled and accurate suction.
Hose Connection: Ensures easy and reliable transfer to the aspiration jar for fluid collection.
Dual Scale Pressure Gauge: Displays both psi and kPa readings for precise monitoring and control.
High-Pressure Handwheel Connector: Provides a stable and leak-proof connection to the medical vacuum system.
On/Off Switch: Allows quick activation and deactivation of aspiration when needed.

VACUUM REGULATOR WITH HOSE CONNECTOR	
MGA.MGV.BS.VI.00VAC	Vacuum (VAC) Regulator With Hose Connector BS Norm
MGA.MGV.DIN.VI.00VAC	Vacuum (VAC) Regulator With Hose Connector DIN Norm
MGA.MGV.NF.VI.00VAC	Vacuum (VAC) Regulator With Hose Connector NF Norm

VACUUM TRAP 200CC

Key Features

Fluid Collection & Contamination Prevention
Effectively traps fluids and prevents them from entering the vacuum system, ensuring equipment protection.
High-Quality Material: Made from impact-resistant polycarbonate for maximum durability and long-term use.
Secure & Leak-Proof Design: Precision-engineered seals and connectors prevent leakage, ensuring a safe and hygienic operation.
Hose Connection for Easy Transfer: Allows seamless connection to medical suction systems for efficient fluid collection.
Autoclavable for Sterilization: Designed for autoclaving up to 134°C, ensuring easy cleaning and reuse.
Clear Visibility: Transparent body for easy fluid level monitoring during medical procedures.

HUMIDIFIER BOTTLE 200CC	
MGA.MGV.PC.T00O2	Plastic Trap Bottle 200cc.

TURBO VACUUM REGULATOR WITH TRAP JAR

Key Features

Vacuum Conversion Technology: Efficiently converts Medical Air 4 or Surgical Air 7 into vacuum, making it ideal for facilities without a central vacuum system.
Integrated Trap Jar: Collects fluids and prevents contamination, protecting the vacuum regulator and ensuring safe operation.
ON/OFF Switch: Allows quick activation and deactivation for user convenience and safety.
Dual Scale Pressure Gauge: Displays both psi and kPa for precise vacuum monitoring and control.
Hose Connection for Easy Transfer: Ensures smooth and secure connection to the aspiration jar for fluid collection.
High-Pressure Handwheel Connector: Provides a secure and leak-proof connection for stable vacuum performance.
Universal Compatibility: Available with different European connectors and inlet options, making it adaptable to various medical gas systems.

TURBO VACUUM REGULATOR WITH TRAP JAR	
MGA.MGV.T.BS.VI.T0VAC	Turbo Vacuum (VAC) Regulator With Trap Jar BS Norm
MGA.MGV.T.DIN.VI.T0VAC	Turbo Vacuum (VAC) Regulator With Trap Jar DIN Norm
MGA.MGV.T.NF.VI.T0VAC	Turbo Vacuum (VAC) Regulator With Trap Jar NF Norm

TURBO VACUUM REGULATOR WITH HOSE CONNECTOR

Key Features

Vacuum Conversion Technology: Efficiently converts Medical Air 4 or Surgical Air 7 into vacuum, making it ideal for facilities without a central vacuum system.
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Universal Compatibility: Available with different European connectors and inlet options, making it adaptable to various medical gas systems.

TURBO VACUUM REGULATOR WITH HOSE CONNECTOR	
MGA.MGV.T.BS.VI.00VAC	Turbo Vacuum (VAC) Regulator With Hose Connector BS Norm
MGA.MGV.T.DIN.VI.00VAC	Turbo Vacuum (VAC) Regulator With Hose Connector DIN Norm
MGA.MGV.T.NF.VI.00VAC	Turbo Vacuum (VAC) Regulator With Hose Connector NF Norm

VACUUM TRAP JAR 2000ML WITH PLASTIC RAIL MOUNTING APPARATUS

Key Features

Large 2000ml Capacity: Provides high fluid collection capacity, reducing the need for frequent emptying.
Plastic Rail Mounting System: Ensures secure attachment to medical equipment rails for easy access and space-saving installation.
Impact-Resistant Material: Made from durable polycarbonate, offering high impact resistance for long-term use.
Leak-Proof Seal: Precision-engineered connectors prevent leakage, ensuring safe and hygienic operation.
Autoclavable for Sterilization: Designed for autoclaving up to 134°C, allowing easy cleaning and reuse.
Clear Transparent Design: Allows easy monitoring of fluid levels during medical procedures.

HUMIDIFIER BOTTLE 200CC	
MGA.MGV.PC.T00O2	Plastic Trap Bottle 200cc.
MGA.RAIL.H0001	Plastic Rail Holder Apparatus

CATHETER HOLDER WITH RAIL MOUNTING APPARATUS

Key Features

Durable Polycarbonate Construction: Made from high-quality polycarbonate, providing impact resistance and long-lasting performance.
Secure Catheter Holding: Designed to firmly hold catheters in place, preventing displacement and ensuring accurate positioning during procedures.
Plastic Rail Mounting System: Easily attaches to medical equipment rails, offering convenient placement and saving valuable workspace.
Compact and Lightweight: Compact design for easy installation and minimal space usage, yet strong enough to securely hold the catheter.
Easy to Clean & Sterilize: The polycarbonate material is easy to clean and autoclavable up to 134°C, allowing for quick sterilization and reuse.

CATHETER HOLDER WITH RAIL MOUNTING APPARATUS	
MGA.CTH.H0001	Catheter Holder With Rail Mounting Apparatus

VACUUM TROLLEY WITH JARS

Key Features

High-Capacity Fluid Collection: Supports 2 or 4 pieces of 2000ml vacuum jars, ideal for extended medical procedures.
Integrated Vacuum Regulation: Equipped with a Vacuum Regulator or Turbo Vacuum Regulator for controlled and efficient suction.
Durable Aluminum Construction: Lightweight yet sturdy aluminum frame, ensuring long-lasting durability and easy cleaning.
Flexible Silicone Hose Connections: Provides secure and hygienic fluid transfer, preventing leaks and ensuring smooth operation.
Smooth Mobility & Stability: Mounted on five 50mm caster wheels for effortless movement and positioning.
Easy-to-Read Graduated Markings: Transparent jars with clear volume indicators for precise monitoring.
Hygienic & Easy to Clean: Smooth surfaces allow quick sterilization and disinfection for a sterile medical environment.

VACUUM REGULATOR WITH TRAP JAR	
MGA.MGV.T.2.BS.VI.T0VAC	Vacuum Trolley W. 2x2000 Trap Jar BS Norm
MGA.MGV.T.TR.2.BS.VI.T0VAC	Vacuum Turbo Trolley With 2x2000 Trap Jar BS Norm
MGA.MGV.T.2.DIN.VI.T0VAC	Vacuum Trolley W. 2x2000 Trap Jar DIN Norm
MGA.MGV.T.TR.2.DIN.VI.T0VAC	Vacuum Turbo Trolley W. 2x2000 Trap Jar DIN Norm
MGA.MGV.T.2.NF.VI.T0VAC	Vacuum Trolley W. 2x2000 Trap Jar NF Norm
MGA.MGV.T.TR.2.NF.VI.T0VAC	Vacuum Turbo Trolley W. 2x2000 Trap Jar DIN Norm
MGA.MGV.T.4.BS.VI.T0VAC	Vacuum Trolley W. 4x2000 Trap Jar BS Norm
MGA.MGV.T.TR.4.BS.VI.T0VAC	Vacuum Turbo Trolley With 4x2000 Trap Jar BS Norm
MGA.MGV.T.4.DIN.VI.T0VAC	Vacuum Trolley W. 4x2000 Trap Jar DIN Norm
MGA.MGV.T.TR.4.DIN.VI.T0VAC	Vacuum Turbo Trolley W. 4x2000 Trap Jar DIN Norm
MGA.MGV.T.4.NF.VI.T0VAC	Vacuum Trolley W. 4x2000 Trap Jar NF Norm
MGA.MGV.T.TR.4.NF.VI.T0VAC	Vacuum Turbo Trolley W.4x2000 Trap Jar DIN Norm

SILICONE HOSES

Key Features

Medical-Grade Silicone: Made from biocompatible, non-toxic, and latex-free silicone, ensuring patient safety.
High-Temperature Resistance: Can withstand high sterilization temperatures, making it autoclavable and reusable.
Leak-Proof & Secure Connection: Designed to fit tightly with medical gas systems, vacuum regulators, and suction jars.

SILICONE HOSE	
MGA.SLC.H0001	Silicone Hose for Vacuum Jars

MEDICAL HOSES

Safe, non-toxic, and compliant with healthcare standards
Size: 6x12 mm (Inner Ø6 mm, Outer Ø12 mm)
Wide Temperature Resistance: Operates efficiently from -40°C to +200°C
Flexible & Durable: Resistant to bending, cracking, and kinking
Smooth Inner Surface: Ensures optimal airflow and prevents blockages

MEDICAL HOSES	
MGA.PVC.PND.V0001	Various Colors Medical Hoses (Yellow, White,Black,Blue)

HERO Series - Wired Nurse Call Systems

Medicabay Healthcare Systems specializes in high-quality medical solutions, including advanced Nurse Call Systems designed to enhance patient care and hospital efficiency.

Medicabays Hero Nurse Call Systems provide a reliable and effective communication channel between patients and healthcare staff. Designed with cutting-edge technology, our solutions ensure fast response times and improved patient safety.

Key Features

User-Friendly Interface: The Hero Nurse Call System features an intuitive design, making it easy for both patients and healthcare staff to operate. With minimal training, users can quickly understand the system, ensuring that communication remains clear and simple.
Reliable Communication & Alerts: Hero guarantees reliable, real-time alerts for patient calls. Whether it's a request for assistance or a critical emergency, Hero ensures that your staff receives instant notifications to take immediate action.
Wired Configuration for Stability: With Hero, you receive the reliability and security of a wired system, eliminating the risks of interference or connectivity issues that can occur with wireless systems. Your hospital's communication will be stable and dependable.
Emergency Response with Blue Code: Hero includes Blue Code functionality for urgent, life-threatening situations. This integrated feature ensures that critical emergencies receive immediate attention, allowing staff to respond faster and more effectively.
Remote Lighting Control: Hero offers the convenience of controlling room lighting directly from the handset. This feature is particularly helpful in low-light situations and improves the overall efficiency of staff interactions with patients.
Customizable Configurations: The Hero Nurse Call System is highly customizable, ensuring that your system can be tailored to the unique requirements of your healthcare facility. Whether adjusting alert priorities or configuring the user interface, Hero adapts to your needs.

The Hero Nurse Call System is made up of several key components that work seamlessly together to ensure effective communication in healthcare settings.

Hero Nurse Desk Unit

The central hub for managing patient calls, the Nurse Desk Unit features an alarm panel with real-time temperature and time tracking, enabling staff to prioritize and respond to patient needs more efficiently.

Hero Room Address Module

Helps identify and manage patient rooms, providing clear room addresses that ensure quick and accurate responses to calls.

Hero Nurse Call Button

A simple yet essential device, the Nurse Call Button enables patients to easily request assistance with a single press, ensuring staff are notified promptly.

Hero Handset

The portable communication device that allows healthcare staff to stay connected and respond to patient calls from anywhere in the facility. The handset supports mobility and ensures staff can address requests efficiently.

Hero WC Bathroom Pull Cord Button

Installed in restrooms for patient safety, the pull cord button allows patients to immediately alert staff in case of an emergency, ensuring quick and reliable assistance when needed most.

Hero Lighting Module

The Lighting Module allows staff to control room lighting directly from the handset, offering greater convenience and reducing the need to move around the room, especially during nighttime care.

Hero Door Top Lamp

The Door Top Lamp is designed to visually signal when a patient has called for assistance. This lamp is mounted above the patient's door and provides a clear, visible indicator of the call status, ensuring that staff can easily identify and prioritize patient calls from a distance.

System Applications

Hero Nurse Call System

Hero provides reliable and instant communication between patients and healthcare staff. It ensures quick responses and effective patient care, making it an essential tool for healthcare facilities of all sizes.

Hero Blue Code

The Blue Code feature allows for immediate alerts in critical situations, ensuring that staff can respond quickly to life-threatening emergencies. This functionality reduces the response time in emergency situations and contributes to better patient outcomes.

HERO NURSE CALL SYSTEM	
MGA.NCS.WD.DESK	Hero Nurse Call Desk Panel
MGA.NCS.WD.WB01	Hero Nurse Call Button
MGA.NCS.WD.HS01	Hero Nurse Call Hand Set
MGA.NCS.WD.WB02	Hero Nurse Call WC/Bathroom Pull Cord
MGA.NCS.WD.RMD01	Hero Nurse Call Room Address Module
MGA.NCS.WD.LGH01	Hero Nurse Call Lighting Control Module
MGA.NCS.WD.BC01	Hero Nurse Emergency Button

MCP Series - Medical Copper Pipes

Medicabay Healthcare Systems provides high-quality medical copper pipes designed for use in medical gas pipeline systems. Our pipes meet international standards and ensure the safe and efficient delivery of medical gases in healthcare facilities.

Material and Standards

Manufactured from high-purity, deoxidized copper.

- Conforms to EN 13348 and BS EN 1057 standards.
- Suitable for oxygen, nitrous oxide, carbon dioxide, medical air, and vacuum applications.
- Seamless construction for enhanced durability and safety.

The available copper pipe sizes are as follows: 8mm, 10mm, 12mm, 15mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76mm and 108mm.

To ensure a reliable and secure installation, we provide a full range of medical copper pipe fittings, including:

Straight Couplings: Used to connect two pipes of the same diameter.
Reducing Couplings: Designed to connect pipes of different diameters.
Elbows (45° and 90°): Used to change the direction of the pipeline smoothly.
Tees (Equal and Reducing): Allow for branch connections in the pipeline.
Cross Fittings: Enable multi-directional flow distribution.
End Caps: Seal off unused pipe ends securely.
Adapters: Allow transition to other connection types, including threaded or flanged connections.
Fixing Clamps: Secure pipes in place and prevent movement.
Rails: Provide structured mounting for secure pipe installations.
Tieges: Ensure stable positioning and reinforcement.
Nuts: Used in conjunction with fittings for firm and secure connections.
Brazing Rods: High-quality rods for secure and leak-proof brazed joints.


COUPLINGS


REDUCERS


EQUAL TEE'S


90° TEE'S


45° TEE'S


FIXING CUPS


BRAZING RODS


UNEQUAL TEE'S


TIEGES


NUTS


RAILS

MCY Series - Medical Gas Cylinders

STEEL GAS CYLINDERS

Medicabay Healthcare Systems provides a comprehensive range of high-quality medical equipment, including steel cylinders essential for various medical applications. These cylinders are designed to offer safety, reliability, and superior performance in critical medical environments. We source premium products that meet the highest standards to meet the needs of healthcare providers and contribute to enhancing patient care.

Product Range & Specifications:

We offer a wide selection of steel cylinders suitable for medical gases. Available in multiple sizes and pressure ratings, these cylinders are well-suited for a range of medical applications, offering flexibility and reliability for various healthcare needs.

Applications of Medical Respiratory Cylinders:

Our cylinders are designed for use with a variety of medical gases, ensuring efficient and continuous gas delivery to patients who need respiratory support. The following gases can be filled into our cylinders:

- Oxygen (O2)
- Nitrous Oxide (N2O)
- Medical Air (compressed air for medical use)
- Entonox (a mixture of Nitrous Oxide and Oxygen)
- Carbon Dioxide (CO2)
- Heliox (a mixture of Helium and Oxygen)

These gases are crucial in a range of medical scenarios, from anesthesia to emergency respiratory care. Our cylinders are designed to handle these gases safely, ensuring the effective and controlled delivery of medical gas to patients in need.

VOLUME	WORKING / TEST PRESSURE	HEIGHT	DIAMETER	THICKNESS	WEIGHT	MATERIAL	STANDARD	VALVE INLET
2 liters	166 / 250 Bar	340 mm	108 mm	2.4 mm	4.1 kg	37 Mn	ISO 9809-1	25 E
5 liters	166 / 250 Bar	740 mm	140 mm	3.1 mm	8.1 kg	37 Mn	ISO 9809-1	25 E
10 liters	166 / 250 Bar	840 mm	140 mm	3.1 mm	13.5 kg	37 Mn	ISO 9809-1	25 E
10 liters	200 / 300 Bar	840 mm	140 mm	3.3 mm	13.5 kg	34CrMo4	ISO 9809-1	25 E
20 liters	200 / 300 Bar	790 mm	203 mm	4.6 mm	23 kg	34CrMo4	ISO 9809-1	25 E
40 liters	166 / 250 Bar	1300 mm	219 mm	5.2 mm	48 kg	37 Mn	ISO 9809-1	25 E
50 liters (H_2)	200 / 300 Bar	1500 mm	229 mm	6.3 mm	70 kg	34CrMo4	ISO 9809-1	25 E
50 liters	166 / 250 Bar	1460 mm	232 mm	5.0 mm	55 kg	37 Mn	ISO 9809-1	25 E
50 liters	230 / 345 Bar	1490 mm	229 mm	5.6 mm	58 kg	34CrMo4	ISO 9809-1	25 E

ALUMINIUM GAS CYLINDERS

Medicabay Healthcare Systems is a trusted supplier of high-quality aluminum cylinders for medical gas applications. While we do not manufacture these cylinders, we partner with leading manufacturers to offer a range of premium aluminum cylinders designed to meet strict safety standards. Our cylinders provide healthcare professionals with a lighter, more portable alternative to traditional steel cylinders, offering reliable and durable performance in a variety of medical settings.

Applications of Medical Respiratory Cylinders:

Our cylinders are designed for use with a variety of medical gases, ensuring efficient and continuous gas delivery to patients who need respiratory support. The following gases can be filled into our cylinders:

- Oxygen (O2)
- Nitrous Oxide (N2O)
- Medical Air (compressed air for medical use)
- Entonox (a mixture of Nitrous Oxide and Oxygen)
- Carbon Dioxide (CO2)
- Heliox (a mixture of Helium and Oxygen)

These gases are crucial in a range of medical scenarios, from anesthesia to emergency respiratory care. Our cylinders are designed to handle these gases safely, ensuring the effective and controlled delivery of medical gas to patients in need.

Advantages of Aluminum Cylinders:

Lightweight Design: Aluminum cylinders are significantly lighter than steel cylinders, making them easier to handle and transport.
Durability & Strength: Despite their lighter weight, aluminum cylinders are engineered to withstand high pressures and ensure reliable performance.
Corrosion-Resistant: Aluminum is resistant to corrosion, making these cylinders ideal for use in medical environments where durability and longevity are key.

VOLUME	WORKING / TEST PRESSURE	HEIGHT	DIAMETER	THICKNESS	WEIGHT	MATERIAL	STANDARD	VALVE INLET
1 liter	200 / 300 Bar	221 mm	102 mm	6.8 mm	1.76 kg	6061 T6	EN ISO 7866	17 E
2 liters	200 / 300 Bar	402 mm	102 mm	6.8 mm	2.76 kg	6061 T6	EN ISO 7866	17 E
2 liters	200 / 300 Bar	358 mm	111 mm	7.4 mm	2.89 kg	6061 T6	EN ISO 7866	17 E
3 liters	200 / 300 Bar	493 mm	111 mm	7.4 mm	3.85 kg	6061 T6	EN ISO 7866	17 E
4 liters	200 / 300 Bar	640 mm	111 mm	7.4 mm	4.81 kg	6061 T6	EN ISO 7866	17 E
5 liters	200 / 300 Bar	525 mm	140 mm	9.3 mm	6.7 kg	6061 T6	EN ISO 7866	25 E
10 liters	200 / 300 Bar	654 mm	176 mm	11.7 mm	13 kg	6061 T6	EN ISO 7866	25 E
20 liters	200 / 300 Bar	905 mm	205 mm	13.5 mm	24 kg	6061 T6	EN ISO 7866	25 E
50 liters	200 / 300 Bar	1500 mm	250 mm	16.5 mm	55.3 kg	6061 T6	EN ISO 7866	25 E

MEDICURTAIN Series - Hospital Curtains

Medicabay Healthcare Systems is dedicated to providing high-quality healthcare solutions, including hospital curtains. Our curtains are designed to meet the highest standards of durability, hygiene, and comfort, offering privacy and optimal functionality for healthcare environments. We offer a wide range of hospital curtains to meet the diverse needs of hospitals, clinics, and medical facilities.

Modular system allowing flexibility of configurations to satisfy individual requirements

- Rigid and durable
- Glides run smoothly and quietly
- Runner access points enable curtains to be changed easily
- Metal components are powder coated to provide an aesthetic and easy to clean finish
- Available in three standard colours: BLUE, Grey and Cream, or can be powder coated to any BS, RAL or custom colour subject to quantity
- Anti-ligature components available

HOSPITAL CURTAIN COMPONENTS

HOSPITAL CURTAIN ALUMINIUM RAIL MOUNTING

HOSPITAL CURTAIN CURVES

HOSPITAL CURTAIN FIXING

HOSPITAL CURTAIN HANGER

HOSPITAL CURTAIN ROOF FIXES

ALL CONNECTION ACCESSORIES

PHB Series - Hospital Patient Beds

At Medicabay Healthcare Systems, we are committed to delivering high-quality, ergonomic, and durable patient hospital beds designed to enhance patient comfort and caregiver efficiency. Our range includes manual, semi-electric, and fully electric beds, each engineered with precision to meet the highest medical standards.

With a focus on innovation and reliability, we strive to provide solutions that improve patient outcomes and medical staff workflow. Explore our collection and discover the difference in quality and care.

PHB-MDBAB001C - SINGLE CRANK HOSPITAL BED

KG 230

- Patient bed with single crank
- Backrest adjusted by crank
- Removable abs head and foot boards
- Aluminium side rails
- Detachable legs for easy packing and delivery
- With two brake castors
- All metal parts are epoxy painted
- With or without serum holder
- Overall sizes: 2060mm x 950mm x 460mm
- Laying surface sizes: 1900mm x 850mm

PHB-MDBAB002C - DOUBLE CRANKS HOSPITAL BED

- Patient bed with two cranks
- Backrest and legrest adjusted by cranks
- Removable abs head and foot boards
- Aluminium side rails
- Detachable legs for easy packing and delivery
- With two brake castors
- All metal parts are epoxy painted
- With or without serum holder
- Overall sizes: 2060mm x 950mm x 460mm
- Laying surface sizes: 1900mm x 850mm

KG 230

PBH-MDBAB200D - PATIENT BED WITH DOUBLE MOTORS

- Patient bed with two motors
- Hand remote control unit
- Backrest and legrest adjusted by motor
- Removable pp head and foot boards
- PP side rails
- 125mm with two brake castors
- Metal or abs mattress platform (optional)
- All metal parts are epoxy painted
- With serum holder
- Bumpers on 4 corners of the bed
- Overall sizes: 2130mm x 1030mm x 430mm
- Mattress paltform sizes: 1900mm x 850mm

2 MOTORS KG 230

PBH-MDBAB200T - PATIENT BED WITH DOUBLE MOTORS & TRENDELENBURG

- Patient bed with two motors
- Hand remote control unit
- Backrest and legrest adjusted by motor
- Trendelenburg position is adjusted by gas piston
- Removable pp head and foot boards
- PP side rails
- 125mm with two brake castors
- Metal or abs mattress platform (optional)
- All metal parts are epoxy painted with serum holder
- Bumpers on 4 corners of the bed
- Overall sizes: 2130mm x 1030mm x 430mm
- Mattress paltform sizes: 1900mm x 850mm

2 MOTORS KG 230

PBH-MDBAB300D - PATIENT BED WITH TRIPLE MOTORS

- Backrest, Legrest, Up-Down, positions are adjusted by motors with Handset,
- Cardiac position, Fowler position, Examination position, Auto Regression,
- Head and Foot parts are made of PP and they are easily removable.
- Manual CPR for head part in case of emergency (optional)
- 4 pcs side Rails made of PP,
- 4 pcs 125 mm two with brake castors,
- Mattress platform is made of cleanable ABS plastic.(opti onal)
- Overall sizes: 2140 x 1040 x (410-700) mm
- 4 bumpers in every corner.
- All corners IV rod places available, 1 pcs IV rod.
- Angle indicator
- Drainage bag holders

3 MOTORS KG 230

PBH-MDBAB300T - PATIENT BED WITH TRIPLE MOTORS & TREDELENBURG

- Backrest, Legrest, Up-Down, positions are adjusted by motors with Handset,
- Cardiac position, Fowler position, Examination position, Auto Regression,
- Trendelenburg position is adjusted by gas piston
- Head and Foot parts are made of PP and they are easily removable.
- Manual CPR for head part in case of emergency (optio nal)
- 4 pcs side Rails made of PP,
- 4 pcs 125 mm two with brake castors,
- Mattress platform is made of cleanable ABS plastic.(opti onal)
- Overall sizes: 2140 x 1040 x (410-700) mm
- 4 bumpers in every corner.
- All corners IV rod places available, 1 pcs IV rod.
- Angle indicator
- Drainage bag holders

3 MOTORS KG 230

PBH-MDBAB400T - PATIENT BED WITH QUADRUPLE MOTORS & TRENDELENBURG

- Backrest, Legrest, Up-Down, Trendelenburg / Anti Trendelenburg positions are adjusted by motors with Handset,
- Cardiac position, Fowler position, Examination position, Auto Regression,
- Head and Foot parts are made of PP and they are easily removable.
- 4 pcs side Rails made of PP,
- 4 pcs 125mm two with brake or central locking castors, (optional)
- Mattress platform is made of cleanable HPL or ABS.
- 4 bumpers in every corner.

All corners IV rod places available, 1 pcs IV rod.

- Angle indicator for backrest
- Drainage bag holders
- Battery (optional)
- Nurse control unit (optional)
- Overall sizes: 2130 x 1030 x (430-780) mm
- Mattress platform : 1950 x 850 mm

4 MOTORS KG 230

PBH-MDBAB400D - PRIME PATIENT BED WITH QUADRUPLE MOTORS & TRENDELENBURG

- Backrest, Legrest, Up-Down, Trendelenburg / Anti Trendelenburg positions are adjusted by motors with side rail control panels,
- Cardiac position, Fowler position, Examination position, Auto Regression,
- Head and Foot parts are made of PP and they are easily removable.
- 4 pcs side Rails made of PP,
- 4 pcs 150mm central locking castors,
- Mattress platform is made of cleanable ABS.
- 4 bumpers in every corner.
- All corners IV rod places available, 1 pcs IV rod.
- Angle indicator for backrest
- Drainage bag holders
- Battery (optional)
- Nurse control unit (optional)
- Overall sizes: 2130 x 1030 x (430-780) mm
- Mattress platform : 1950 x 850 mm

MODEL	ADJUSTMENT	CONTROL	BOARDS & RAILS	CASTORS	OTHER FEATURES	SIZE (mm)
PHB-MDBAB001C	Backrest (Crank)	Single Crank	ABS Head & Foot, Aluminum Rails	2 Brake Castors	Detachable Legs, Optional Serum Holder	2060x950x460
PHB-MDBPW001C	Backrest (Crank)	Single Crank	Wooden Head & Foot, Aluminum Rails	2 Brake Castors	Detachable Legs, Optional Serum Holder	2060x950x460
PHB-MDBAB002C	Backrest & Legrest (Crank)	Double Crank	ABS Head & Foot, Aluminum Rails	2 Brake Castors	Detachable Legs, Optional Serum Holder	2060x950x460
PHB-MDBAB002C	Backrest & Legrest (Crank)	Double Crank	Wooden Head & Foot, Aluminum Rails	2 Brake Castors	Detachable Legs, Optional Serum Holder	2060x950x460
PBH-MDBAB200D	Backrest & Legrest (Motor)	Double Motor	PP Head & Foot, PP Rails	125mm, 2 Brake Castors	4 Bumpers, Serum Holder	2130x1030x430
PBH-MDBPW200D	Backrest & Legrest (Motor)	Double Motor	Wooden Head & Foot, Aluminum Rails	125mm, 2 Brake Castors	4 Bumpers, Serum Holder	2130x1030x430
PBH-MDBAB200T	Backrest, Legrest, Trendelenburg	Double Motor + Gas Piston	PP Head & Foot, PP Rails	125mm, 2 Brake Castors	4 Bumpers, Serum Holder	2130x1030x430
PBH-MDBAB300D	Backrest, Legrest, Height	Triple Motor	PP Head & Foot, PP Rails	125mm, 2 Brake Castors	Fowler & Cardiac Position, IV Rod, Drainage Bag Holder	2140x1040x (410-700)
PBH-MDBAB300T	Same as 300D + Trendelenburg	Triple Motor + Gas Piston	PP Head & Foot, PP Rails	125mm, 2 Brake Castors	Manual CPR (Optional), Angle Indicator	2140x1040x (410-700)
PBH-MDBAB400T	Backrest, Legrest, Height, Trend.	Quad Motor + Gas Piston	PP Head & Foot, PP Rails	125mm, Brake/ Central Locking	Battery & Nurse Control (Optional)	2130x1030x (430-780)
PBH-MDBAB400D	Same as 400T + Side Rail Control	Quad Motor + Gas Piston	PP Head & Foot, PP Rails	150mm, Central Locking	Auto Regression, Angle Indicator	2130x1030x (430-780)

MEDICA BAY HEALTHCARE SYSTEMS

WPB Series - Wall Protection Barriers

Shielding your walls and ensuring patient safety has never been easier with our Medicabay Wall Protection Barriers. Crafted with precision and attention to detail, these barriers are designed to provide robust protection while maintaining a sleek and professional appearance.

Key Features:

Optimal Dimensions: With a width of 142 mm and a protrusion of 80 mm from the wall, our barriers offer comprehensive coverage to safeguard your walls effectively.

Durable Construction: Built with high-quality aluminum profiles, our barriers boast exceptional durability to withstand everyday wear and tear. The lower construction features impact-absorbing rubber gaskets, enhancing protection against impacts.

Premium Top Cover: The top cover is made from scratch-proof, antibacterial, and fireproof vinyl acrylic material, ensuring longevity and hygiene in any healthcare environment.

Flexible Configuration: Our barriers come in 4-meter profile lengths, offering versatility to suit various wall dimensions. The wall fittings, crafted from vinyl acrylic material, are conveniently spaced at 50-70 cm intervals, providing adaptability to different setups.

Enhanced Support: Designed with patient comfort in mind, our barriers feature a holding feature that offers support while protecting the walls. The handhold components are easily mounted using proper wall plugs and screws, ensuring a secure installation.

Benefits:

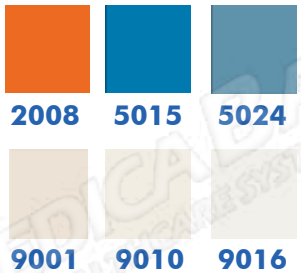
Wall Protection: Prevent damage to your walls from accidental collisions or impacts, maintaining the aesthetics and integrity of your healthcare facility.

Patient Safety: Provide added safety for patients by offering support when needed, reducing the risk of falls or injuries.

Hygienic Solution: The antibacterial properties of the vinyl acrylic material contribute to a cleaner and more sanitary environment, crucial in healthcare settings.

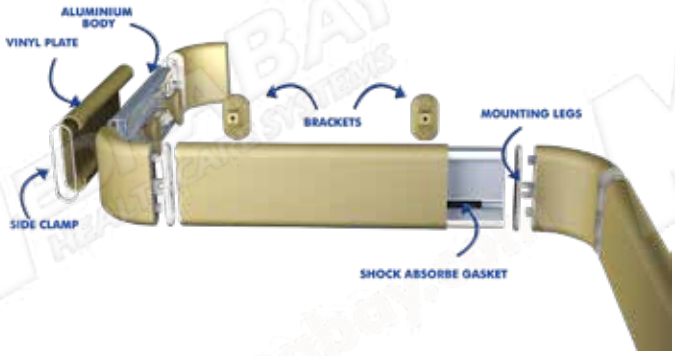
Easy Installation: With straightforward mounting instructions and included hardware, installing our barriers is hassle-free and efficient.

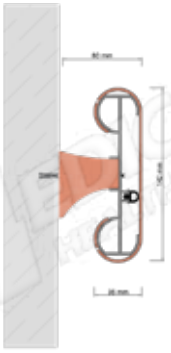
Elevate the safety and aesthetics of your healthcare facility with Medicabay Wall Protection Barriers. Trust in our quality craftsmanship and commitment to excellence for unparalleled wall protection solutions.



STANDARD RAL COLORS OF MEDICABAY

While we provide a range of standard colors, we are also able to produce custom colors upon request to meet your specific requirements.





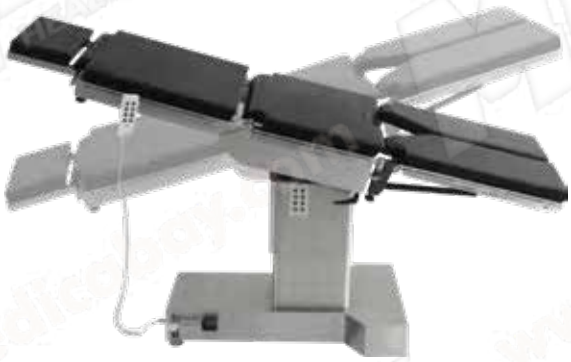
WALL PROTECTION BARRIER SECTION

OPT Series - Operation Tables

The Taurus 1000 Series is a state-of-the-art, multi-purpose operating table designed to meet the diverse needs of modern surgical environments. Engineered with precision and flexibility, it offers a comprehensive range of adjustments to accommodate various surgical procedures. The electro-mechanical control system ensures seamless operation, while the robust design guarantees durability and reliability in critical settings.

Key Features

- Electro-mechanical control for precise adjustments
- Wide range of table positions for various surgical procedures
- Detachable and adjustable head and leg sections
- High weight capacity up to 200KG
- Battery backup providing up to 45 minutes of operation
- Optional sliding feature for enhanced patient positioning
- Robust and maintenance-free dry-type battery system



Benefits

Enhanced Versatility: Supports multiple surgical procedures with various positioning options.
Improved Patient Comfort: Adjustable head and leg sections for optimal positioning.
Operational Efficiency: Remote control for seamless table adjustments.
Reliability: Durable construction with high-quality materials ensures long-term use.
Safety Assurance: Stable and secure design with a high weight-bearing capacity.
Power Independence: Backup battery operation ensures continued use during power failures.

Table Positions

Head Section (Manual): 55° up, 90° down, detachable
Lateral Tilt (Control): 20° right, 20° left lateral-tilt position
Trendelenburg (Control): 25°
Reverse Trendelenburg (Control): 25°
Back Section (Control): 70° up, -30° down
Leg Section (Piston): 20° up, 90° down, 90° side sliding detachable
Type: Electro-mechanical (Control)
Slide (Optional) (Control): 250mm
Donor Operation (Control): 140° ability of operation (with apparatus)

Specifications

Height Range: 780mm - 1120mm
Tabletop Length: 600mm x 2150mm
Head Section: 225mm x 355mm
Back Section: 530mm x 625mm
Sitting Base Section: 530mm x 530mm
Leg Sections (Each): 255mm x 710mm
Carrying Capacity: 200KG

Electrical Specifications

Power Input: 230V 50Hz
Battery: 7 Ah, 12V DC (Dry-Type, Maintenance-Free)
Battery Duration: 45 minutes
Control Voltages: 24V DC (Battery), 5V DC (Remote)

ACCESSORIES FOR TAURUS OPERATION TABLE

SSF Series - Medical Carts






MODEL	MDCEC 1420	MDCEC 1400	MDCEC 1410	MDCAC 1300	MDEC 4510	MDEC 4515
TYPE	Emergency Cart	Emergency Cart	Emergency Cart	Anesthesia Cart	Emergency Cart	Drug Anesthesia Cart
MATERIAL	Steel/Plastic	Powder Coated Steel	Stainless Steel	Powder Coated Steel	ABS, Composite Body	ABS, Composite Body
DRAWERS / COMPART-MENTS	5 Drawers, Central Lock	5 Drawers, Central Lock	5 Drawers, Central Lock	5 Drawers, Central Lock	6 Drawers, ABS Trays	6 Drawers, ABS Trays
DIMENSIONS (WxLxH) cm	60x84x108	55x77x110	55x77x110	55x77x110	55x85x103	51x85x103
KEY FEATURES	Push Handle, Adjustable IV pole, CPR Board	Telescopic Drug Table, Adjustable IV pole, CPR Board	Telescopic Drug Table, Adjustable IV pole, CPR Board	Removable Drug Compartments, 4 Castors	Seal Lock, Wastebin, 125mm Castors	Seal Lock, Wastebin, 125mm Castors






MODEL	MDEC 4520	MDEC 4525	MDCAC 1310	MDCME 1500	MDCDA 1500	MDCDA 1510
TYPE	Drug Anesthesia Cart	Dressing Cart	Anesthesia Cart	Medicine & Treatment Cart	Drug Anesthesia Cart	Drug Anesthesia Cart
MATERIAL	ABS, Composite Body	ABS, Composite Body	Stainless Steel	ABS, Aluminum Frame	Stainless Steel	Stainless Steel
DRAWERS / COMPART-MENTS	10 Drawers, ABS Trays	6 Drawers, ABS Trays	5 Drawers, Central Lock	5 Drawers, Central Lock	2 Drawers	5 Drawers, Central Lock
DIMENSIONS (WxLxH) cm	51x85x103	51x85x103	55x77x110/165	60x84x108	50x70x90	50x70x90
KEY FEATURES	Central Lock, Wastebin, 125mm Castors	Seal Lock, Wastebin, 125mm Castors	Removable Compartments, 4 Castors	Glove Box Holder, Transparent Compartments	Adjustable IV pole, Drug Boxes, Push Handle	Adjustable Dividers, Removable Compartments






MODEL	MDCDE 1515	MDCDE 1520	MDCDE 1530	MDCDE 1540	MDCDE 1545	MDCTE 1010
TYPE	Medicine & Treatment Cart	Dressing Cart	Dressing & Treatment Cart	Dressing Cart	Treatment Cart	Treatment Cart
MATERIAL	ABS, HPL, Aluminum Frame	ABS, HPL, Aluminum Frame	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
DRAWERS / COMPART-MENTS	5 Drawers, Central Lock	5 Drawers, Central Lock	2 Lockable Drawer	2 Drawers	1 Lockable Drawers,1 Cabinet	4 Plastic Boxes
DIMENSIONS (WxLxH) cm	55x77x100	60x84x108	55x77x100	60x84x108	40x50x85	46x66x90
KEY FEATURES	Dividers in Drawers, Wastebin	Glove Box Holder, Wastebin	Removable Compartments, Wastebin	IV Drip, Waste Tray	Adjustable IV pole, Push Handle	Push Handle, Bumpers on Castors






MODEL	MDCDE 1550	MDCDE 1560	MDCME 1600	MDCDE 1580	MDCDE 1590	MDCDE 1595
TYPE	Medicine Storage Cart	Dressing & Drug Cart	Dressing & Drug Cart	Dressing & Drug Cart	Dressing & Drug Cart	Dressing & Drug Cart
MATERIAL	Stainless Steel	Stainless Steel	Aluminum Frame	Stainless Steel	Stainless Steel	Stainless Steel
DRAWERS / COMPART-MENTS	2 Drawers, Dividers	2 1 Drawers	9 Drawers	2 Drawers, 1 Cupboard	5 Drawer , 1 Cupboard wih 1 Shelf	5 Drawer , 1 Cupboard wih 1 Shelf
DIMENSIONS (WxLxH) cm	50x70x90	50x70x90	61x94x158	50x70x90	56x90x100	56x90x100
KEY FEATURES	Removable Basin, Wastebin	Removable Compartments, Push Handle	Dividers, Bumpers on Castors	Drug Boxes, Push Handle	Writing Board, Wastebin	Folder Holder, Push Handle

SSF Series - Medical Cabinets






MODEL	MDDCA 2001	MDDCA 2002	MDDCA 2000	MDDCA 2003	MDDIC 2015	MDDOR 2010
TYPE	Cap Bonnet and Mask Cupboard	Cap Bonnet and Mask Cupboard	Cap Bonnet and Mask Cupboard	Cap Bonnet and Mask Cupboard	Instrument Cupboard, Stainless Steel	Operating Theatre Cabinet
MATERIAL	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel
DRAWERS / COMPART-MENTS	6 compartments for clean cap, bonnet, and mask (top), Tilt cabinet for used items (bottom)	3 compartments for clean cap, bonnet, and mask (top), Bottom compartments for used items, Wall-mounted	3 compartments for clean cap, bonnet, and mask (top), Tilt cabinet for used items (bottom), Four castors with two brakes	3 compartments (top), Wall-mounted	3 height-adjustable shelves, Lockable doors	2 shelves on top, 2 drawers in the middle, Cupboard with door at the bottom
DIMENSIONS (WxLxH) cm	42x65x150	23,5x45x55	42x65x120	23,5x45x30	43x90x180	43x90x180






MODEL	MDDRU 2420	MDDIC 2020	MDDEN 2560	MDDEN 2550	MDDUK 2300	MDDRU 2400
TYPE	Modular Drug Cupboard, Stainless Steel	Instrument and Drug Cabinet, Stainless Steel	Endoscope Drying Cupboard, Stainless Steel	Endoscope Storage Cupboard, Stainless Steel	Modular Catheter Cupboard, Stainless Steel	Modular Drug Cupboard, Stainless Steel
MATERIAL	304 Grade Stainless Steel	304 Grade Stainless Steel	Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel
DRAWERS / COMPART-MENTS	E Type, 3 Panels, 5 Plastic Baskets, Four castors with 2 brakes	Lockable glass doors, 3 adjustable shelves, Height-adjustable feet	Various drying programs, UV lamp feature for cleanliness, Ventilation areas, Removable water tray	4 Scope Hangers, Lockable half glass door, Durable	4x6x24 catheter hangers, Four castors with 2 brakes	5 Panels, E Type, 10 Plastic Baskets, Four castors with 2 brakes
DIMENSIONS (WxLxH) cm	52x65x115	43x90x180	N/A	50x65x210	42x65x155	52x65x175






MODEL	MDDPB 2100	MDDRU 3000	MDDNA 2200	MDORC 2800	MDORC 2820	MDORC 2830
TYPE	Pass Box	Modular Drug Cupboard, Stainless Steel	Narcotic Cabinet	Operating Room Built-in Cabinet	Operating Room Built-in Cabinet	Operating Room Built-in Cabinet
MATERIAL	304 Grade Stainless Steel	304 Grade Stainless Steel, HPL, Epoxy Coated Metal	Epoxy Coated Metal	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel
FEATURES	Glass doors, UV lamp system, Sealed door system, Electromagnetic lock system, Easy to clean inner chamber	Visible glass door with lock, Sliding door, Four castors with 2 brakes	Double doors, Double Locking system, Ventilation grilles, Wall-mounted	4 Modules, 3 height adjustable shelves per module, Lockable Doors, Tempered glass	2 Modules, 3 height adjustable shelves per module, Lockable Doors, Tempered glass	2 Modules, 7 ABS Plastic Removable Baskets per module, Lockable Doors, Tempered glass
DIMENSIONS (WxLxH) cm	60x60x60	80x105x180	20x70x50	52x260x175	52x130x175	52x175x130

SSF Series - Transfer & Transport Trolleys






MODEL	MDTST 3000	MDTSH 3040	MDTMT 3080	MDTMT 3060	MDTMT 3090	MDTMT 3070
TYPE	Slipper Trolley	Sponge Hanger	Mayo Table, Hydraulic	Mayo Table, Mechanic	Mayo Table, Hydraulic	Mayo Table, Hydraulic
MATERIAL	304 grade stainless steel	304 grade stainless steel	-	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel
FEATURES	For use in sterile environments, 6 Shelves, Flexible production, Four castors with two brakes	For use in sterile environments, 5 Rows Hanging System, Total 100 Sponges Capacity, Tray for Liquid Waste, Four castors with two brakes	-	Designed for sterilization centers, Hand operated height adjustment, 360-degree swivel, T shaped base, Three castors with two brakes	Designed for sterilization centers, Height adjustment with foot pedal, Raised and rounded edges, 360-degree swivel, T shaped base, Three castors with two brakes	Designed for sterilization centers, Height adjustment with foot pedal, Raised and rounded edges, 360-degree swivel, T shaped base, Three castors with two brakes
DIMENSIONS (WxLxH) cm	56x96x180	40x60x140	50x70x115	50x70x85/115	52x72,5x95/135	52x72,5x85/115






MODEL	MDTDE 3000	MDTFT 3200	MDTAC 3300	MDTAC 3310	MDTAC 3350	MDTAC 3360
TYPE	Device Trolley	Falcate Table	Instrument Table with Drawer	Instrument Table with Drawer	Instrument Transport Trolley, 2 Shelves	Instrument Transport Trolley, 3 Shelves
MATERIAL	-	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel
FEATURES	For use in sterile environments, 3 Shelves, User-friendly design, Four castors with 2 brakes, Ease of mobility	For use in sterile environments, Flexible production, Six castors with 2 brakes, Ease of mobility	For use in sterile environments, Flexible production, 1 Drawer, Four castors with 2 brakes, Ease of mobility	For use in sterile environments, Flexible production, 1 Drawer, Four castors with 2 brakes, Ease of mobility	For use in sterile environments, Flexible production in different designs and dimensions, Four castors with 2 brakes, Easy movement with push handle	For use in sterile environments, Flexible production in different designs and dimensions, 3 pcs Shelves, Four castors with 2 brakes, Easy movement with push handle
DIMENSIONS (WxLxH) cm	-	45x175x90	55x85x90	50x70x90	55x86x90	55x86x90






MODEL	MDTAC 3390	MDTAC 3320	MDTAC 3330	MDTAC 3340	MDTAC 3370	MDTDA 3400
TYPE	Container Transport Trolley, 3 Shelves	Instrument Table	Instrument Table	Instrument Table	Surgical Instrument Storage and Transport Trolley	Medical Waste Trolley
MATERIAL	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel
FEATURES	For use in sterile environments, Flexible production in different designs and dimensions, 3 pcs Shelves, Four castors with 2 brakes, Easy movement with push handle	For use in sterile environments, Flexible production in different designs and dimensions, Four castors with 2 brakes, Ease of mobility	For use in sterile environments, Flexible production in different designs and dimensions, Four castors with 2 brakes, Ease of mobility	For use in sterile environments, Flexible production in different designs and dimensions, Four castors with 2 brakes, Ease of mobility	For use in sterile environments, Flexible production in different designs and dimensions, Four castors with 2 brakes, Double surgical bowls with lids, Easy movement with push handle	For use in sterile environments, Flexible production in different designs and dimensions, Double Lids, Drain Valve for waste water, Four castors with 2 brakes, With double side push handles for easy movement
DIMENSIONS (WxLxH) cm	62x66x90	55x88x90	50x70x90	40x60x85	40x90x90	60x120x125

MODEL	MDUST 3500	MDUST 3501	MDUST 3502	MDUST 3503	MDUST 3504	MDUST 3505	MDUST 3506
TYPE	Dustbin 5 lt	Dustbin 8 lt	Dustbin 12 lt	Dustbin 16 lt	Dustbin 20 lt	Dustbin 30 lt	Dustbin 40 lt
MATERIAL	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
FEATURES	Includes plastic bucket, For use in sterile environments	Includes plastic bucket, For use in sterile environments	Includes plastic bucket, For use in sterile environments	Includes plastic bucket, For use in sterile environments	Includes plastic bucket, For use in sterile environments	Includes plastic bucket, For use in sterile environments	Includes plastic bucket, For use in sterile environments
DIMENSIONS (WxLxH) cm	-	205x355	245x355	245x445	315x355	315x445	315x630

MODEL	MDKIB 3510	MDKIB 3511	MDKIB 3512	MDTLA 3605	MDTLA 3600	MDTLA 3610	MDTLA 3620
TYPE	Kick Bucket 20 Lt	Kick Bucket 36 Lt	Kick Bucket 50 Lt	Laundry Trolley	Laundry Trolley, Single	Laundry Trolley, Double	Clean & Dirty Linen Trolley
MATERIAL	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 stainless frame, PE bin	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel
FEATURES	Four castors with 2 brakes, circular bumper, user-friendly design	Four castors with 2 brakes, circular bumper, user-friendly design	Four castors with 2 brakes, circular bumper, user-friendly design	Large capacity, customizable, four castors with 2 brakes	Washable bag, wheel bumper, four castors with 2 brakes	Two washable bags, four castors with 2 brakes	Three shelves, ergonomic handle, four castors with 2 brakes
DIMENSIONS (WxLxH) cm	30x32	36x36	40x40	72x83x90	55x55x90	55x110x90	55x110x90

MODEL	MDSBO 3700	MDSBO 3710	MDSBO 3705	MDSBO 3706	MDLEH 3800	MDLEH 3810	MDTAC 3380
TYPE	Surgical Bowl, Single	Surgical Bowl, Double	Surgical Bowl, Single	Surgical Bowl, Double	Lead Apron Hanger, Classic	Lead Apron Hanger, 5 Hangers	Mobile Table with Filtration
MATERIAL	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel
FEATURES	Height adjustable, 5 castors for durability	Height adjustable, 5 castors for durability	Four castors with two brakes	Four castors with two brakes	Customizable design, four castors with two brakes	Customizable design, four castors with two brakes	Grid top table, user-friendly, four castors with two brakes
DIMENSIONS (WxLxH) cm	60x60x90	60x60x90	32x32x85	32x62x85	60x80x185	52x62x150	60x60x85

MODEL	MDTAC 3385	MDBSS 3839	MDBSS 3837	MDBSS 3838	MDTAC 3395	MDTAC 3396	MDTAC 3388
TYPE	Paper Trolley	Mobile Basket	Basket, Stainless Steel	Basket, Stainless Steel	Sterilized Product, Basket & Container	Sterilized Product, Basket & Container	Trolley with 3 Baskets
MATERIAL	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel
FEATURES	Safe paper transport, push handle, four castors with two brakes	Customizable design, easy mobility, four castors with 2 brakes	-	-	6 containers capacity, four castors with 2 brakes	9 containers capacity, 270° door opening, airtight gasket	Three wire baskets, four castors with 2 brakes
DIMENSIONS (WxLxH) cm	60x120x90	61x61x75	60x30x20	60x30x30	65x75x110	65x110x125	56x60x170





MODEL	MDTAC 3389	MDFSS 5000	MDIVS 3850	MDIVS 3860	MDIVS 3870
TYPE	Trolley with 6 Baskets	Shelves Storage Unit	IV Stand, Stainless Steel Hooks	IV Stand, Plastic Hooks	IV Stand
MATERIAL	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel	304 grade stainless steel
FEATURES	Six wire baskets, four castors with 2 brakes	Flexible shelf system, 3 shelves, 2 wire baskets	4 stainless steel hooks, height adjustable, five castors	4 plastic hooks, height adjustable, five castors	4 hooks, telescopic height adjustment, five castors
DIMENSIONS (WxLxH) cm	56x60x170	60x60x180	60x120x210	60x120x210	60x120x210





MODEL	MDSTO 3900	MDSTO 3910	MDSTO 3920	MDSTO 3930	MDSTO 3940
TYPE	Surgical Stool, Foot Operated	Surgical Stool with Backrest, Foot Op.	Stool, Hand Operated, Footrest	Stool, Hand Operated, Backrest	Stool, Hand Operated, Backrest, Footrest
MATERIAL	Aluminium, Vinyl Leather	Aluminium, Vinyl Leather	Vinyl Leather	ABS Plastic, Vinyl Leather	ABS Plastic, Vinyl Leather
FEATURES	Anti-static, foot height control, rotating seat	Ergonomic backrest, anti-static, foot height control	Anti-static, rotating seat, hand height control	Ergonomic backrest, anti-static, rotating seat	Ergonomic backrest, anti-static, hand height control

SSF Series - Washing Units & Tables






MODEL	MDOHS 1100	MDOHS 1200	MDOHS 1300	MDVA 3053	MDVA 3054	MDVA 3055
TYPE	Single Hand Wash Scrub Unit	Double Hand Wash Scrub Unit	Triple Hand Wash Scrub Unit	Brush Dispenser	Brush Dispenser	Z-Folded Paper Towel Dispenser
MATERIAL	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel
FEATURES	Photocell and knee operated water and soap flow, user-friendly curved basin, stainless steel adjustable feet, flexible production in different designs	Photocell and knee operated water and soap flow, user-friendly curved basin, stainless steel adjustable feet, flexible production in different designs	Photocell and knee operated water and soap flow, user-friendly curved basin, stainless steel adjustable feet, flexible production in different designs	Wall-mounted, 20 disposable brush capacity, double channel body	Wall-mounted, 9 disposable brush capacity, single channel	Wall-mounted, 200 pcs capacity, user-friendly dispensing system
DIMENSIONS (WxLxH) cm	60x75x120 cm	60x150x120 cm	60x180x120 cm	12x11.5x40.5 cm	5x13x35 cm	10.2x28x21 cm





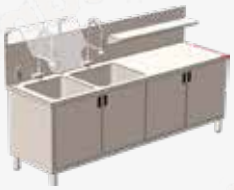

MODEL	MDVA 3056	MDVA 3057	MDVA 3058	MDVA 3059	MDUCS 4500	MDUCS 4550
TYPE	Z-Folded Paper Towel Dispenser	Soap Dispenser with Sensor	Manual Disinfectant Dispenser	Baticon Dispenser, Foot Pump	Ultrasonic Pre-Cleaning Station	Pre-Washing Counter with Double Sink and Base Shelf
MATERIAL	304 Grade Stainless Steel	-	-	-	304 Grade Stainless Steel	304 Grade Stainless Steel
FEATURES	Wall-mounted, 400 pcs capacity, user-friendly dispensing system	Wall-mounted, 1100 ml capacity, locking system with battery	Wall-mounted, 1000 ml capacity	Foot pedal operated, 1000 ml capacity	28 L Ultrasonic cleaner, air and water gun rinser, customizable production	Double sink, 1 professional faucet kit, 1 air/water gun rinser, bottom shelf
DIMENSIONS (WxLxH) cm	10.2x28x35.5 cm	12x12x40 cm	-	-	70x200x85 cm	70x180x85 cm





MODEL	MDINI 4000	MDUCS 4100	MDINI 4010	MDINI 4020	MDINI 4030	MDINI 4040
TYPE	Instrument Washing Sink (Double Sink)	Tabletop Ultrasonic Cleaner	Instrument Washing Sink with Cabinet	Instrument Washing Sink with Cabinet and Drawers	Endoskope Washing Sink	Instrument Washing Sink with Cabinet (Double Sink)
MATERIAL	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel
DRAWERS / COMPART-MENTS	Double sink, 1 faucet included	Water release valve, 28 lt, digital and analog control options	Double sink, 2 faucet kit, double sliding doors	Single sink, 4 drawers, faucet kit, double sliding doors	Single washing and cleaning sink, double cabinet	Double sink, faucet kit, double sliding doors
DIMENSIONS (WxLxH) cm	60x160x85 cm	-	60x160x85 cm	70x160x90 cm	70x120x85 cm	60x140x85 cm



MODEL	MDINI 4050	MDASG 4990	MDINI 4060	MDINI 4070	MDINI 4080	MDINI 4085
TYPE	Baby Washing Sink with Sensor Operated and Spiral Faucet	Air/Water Gun Rinser	Plaster Preparation Table	Pre-Washing Counter	Intensive Care Hand Washing Sink	Intensive Care Hand Washing Sink
MATERIAL	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel
DRAWERS / COMPART-MENTS	Sensor operated, triple drawers, high barrier, spiral faucet	8 nozzle option, pressure control from trigger	Triple drawers, single cabinet, kick bucket, drain assembly	Two sinks with air & water gun, plexiglass eye protection, back shelf	Foot operated, wall mounted	Sensor and knee operated faucet, built-in soap dispenser, wall mounted
DIMENSIONS (WxLxH) cm	70x160x85 cm	-	60x160x85 cm	70x190x85 cm	40x50x85 cm	40x50x25 cm

MODEL	MDINI 4086	MDINI 4090	MDINI 4087	MDTVA 4700	MDTVA 4710	MDTVA 4711
TYPE	Intensive Care Hand Washing Sink	Slop Hopper Sink	Mop Washing Sink	Working Table	Working Table (Height Adjustable)	Working Table
MATERIAL	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel
DRAWERS / COMPART-MENTS	Sensor operated faucet, built-in soap dispenser, wall mounted	Single 36 cm liquid discharge sink, button-controlled discharge, double sliding cupboard	Raised backside to prevent splashes, removable grid system, wide sink	User-friendly design, flexible production	Adjustable feet, half bottom shelf	Single storage shelf
DIMENSIONS (WxLxH) cm	40x50x85 cm	60x140x85 cm	60x68x50/91 cm	60x130x85 cm	60x120x85 cm	60x120x85 cm

MODEL	MDTVA 4715	MDTVA 4720	MDTVA 4725	MDTVA 4730	MDTVA 4740	MDTVA 4750
TYPE	Working Table (with 2 Shelves)	Working Table (with 3 Drawers)	Working Table (with 3 Drawers and 2 Cabinets)	Cupboard (Wall Mounted)	Linen Folding Table with Light	Working Table with Sliding Door Cabinet
MATERIAL	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	-	304 Grade Stainless Steel	-
DRAWERS / COMPART-MENTS	Double storage shelf	Triple drawers	Triple drawers	-	Gradual LED light system, grounding and switch plug	-
DIMENSIONS (WxLxH) cm	60x120x85 cm	60x140x85 cm	60x140x85 cm	35x90x60 cm	70x140x85 cm	60x160x85 cm






MODEL	MDTVS 4800	MDTVS 4810	MDTVS 4880	MDRRA 4900	MDRRA 4905	MDAFS 4940-4950
TYPE	Packing Table	Working Station (Electric Adjustable)	Working Station	Rotary Roll Cutter (Double, Manual)	Rotary Roll Cutter (Single, Manual)	Foot Step (Single & Double)
MATERIAL	-	304 Grade Stainless Steel	304 Grade Stainless Steel	-	-	304 Grade Stainless Steel
DRAWERS / COMPART-MENTS	Roll hangers, 2 baskets	Storage shelves, plug socket, built-in monitor stand, rotary roll cutter	Roll shelves for sterilization, sterilization baskets, rotary roll cutter, container shelves	-	-	-
DIMENSIONS (WxLxH) cm	70x90x90/160 cm	75x179.5x75 /150 cm	137x70x85/145 cm	-	-	30x60x20 cm (single), 60x60x20/40 cm (double)








MODEL	MDEYE 4970	MDEYE 4975	MDABR 4980	MDABR 4981	MDABR 4982	MDABR 4983	MDABR 4984	MDABR 4985
TYPE	Emergency Eye and Body Shower	Emergency Eye Washing Sink	Disabled Grab Bars	Disabled Grab Bars	Disabled Grab Bars	Disabled Grab Bars	Disabled Seats	Disabled Seats
MATERIAL	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel
DRAWERS / COMPART-MENTS	Foot operated, hand-controlled eye wash	Hand-free use with continuous water flow	Two-sided use	Wall-mounted, two-sided use	Wall-mounted, paper-roll holder, two-sided use	Wall-mounted, two-sided use	Wall-mounted, wooden sitting surface	Wall-mounted, plastic sitting surface

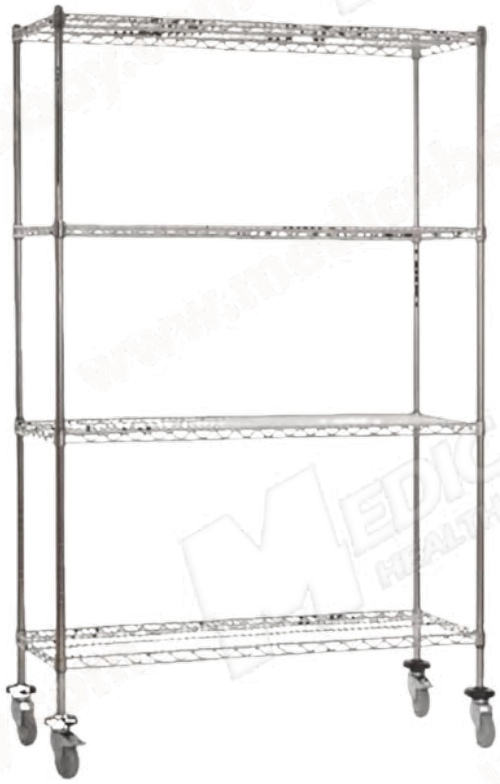
SSF Series - Storage Systems

SOLID SHELF SYSTEM

MODEL	DESCRIPTION	DIMENSIONS (cm)
MDSSE 1050	Solid Shelf System	46 X 122 X 183
MDSSE 1051	Solid Shelf System	46 X 137 X 183
MDSSE 1052	Solid Shelf System	46 X 152 X 183
MDSSE 1053	Solid Shelf System	46 X 183 X 183
MDSSE 1054	Solid Shelf System	53 X 91 X 183
MDSSE 1055	Solid Shelf System	53 X 17 X 183
MDSSE 1056	Solid Shelf System	53 X 122 X 183
MDSSE 1057	Solid Shelf System	53 X 137 X 183
MDSSE 1058	Solid Shelf System	53 X 152 X 183
MDSSE 1059	Solid Shelf System	53 X 183 X 183
MDSSE 1060	Solid Shelf System	61 X 91 X 183
MDSSE 1061	Solid Shelf System	61 X 17 X 183
MDSSE 1062	Solid Shelf System	61 X 122 X 185
MDSSE 1063	Solid Shelf System	61 X 137 X 183
MDSSE 1064	Solid Shelf System	61 X 152 X 183
MDSSE 1065	Solid Shelf System	61 X 183 X 185

PERFORATED PANEL SHELF SYSTEM

MODEL	DESCRIPTION	DIMENSIONS (cm)
MDSSE 1066	Perforated Panel Shelf System	46x91x183
MDSSE 1067	Perforated Panel Shelf System	46x17x183
MDSSE 1068	Perforated Panel Shelf System	46x122x183
MDSSE 1069	Perforated Panel Shelf System	46x137x183
MDSSE 1070	Perforated Panel Shelf System	46x152x183
MDSSE 1071	Perforated Panel Shelf System	46x183x183
MDSSE 1072	Perforated Panel Shelf System	53x91x183
MDSSE 1073	Perforated Panel Shelf System	53x17x183
MDSSE 1074	Perforated Panel Shelf System	53x122x183
MDSSE 1075	Perforated Panel Shelf System	53x137x183
MDSSE 1076	Perforated Panel Shelf System	53x152x183
MDSSE 1077	Perforated Panel Shelf System	53x183x183
MDSSE 1078	Perforated Panel Shelf System	61x91x183
MDSSE 1079	Perforated Panel Shelf System	61x17x183
MDSSE 1080	Perforated Panel Shelf System	61x122x185
MDSSE 1081	Perforated Panel Shelf System	61x137x183
MDSSE 1082	Perforated Panel Shelf System	61x152x183
MDSSE 1083	Perforated Panel Shelf System	61x183x185
MDSSE 1000	Castor With Brake 100mm	
MDSSE 1001	Castor 100mm	



WIRE SHELF SYSTEMS

MODEL	DESCRIPTION	DIMENSIONS (cm)
MDSSE 1030	Wire Shelf System	46x91x183
MDSSE 1031	Wire Shelf System	46x17x183
MDSSE 1032	Wire Shelf System	46x122x183
MDSSE 1033	Wire Shelf System	46x137x183
MDSSE 1034	Wire Shelf System	46x152x183
MDSSE 1035	Wire Shelf System	46x183x183
MDSSE 1036	Wire Shelf System	53x91x183
MDSSE 1037	Wire Shelf System	53x17x183
MDSSE 1038	Wire Shelf System	53x122x183
MDSSE 1039	Wire Shelf System	53x137x183
MDSSE 1040	Wire Shelf System	53x152x183
MDSSE 1041	Wire Shelf System	53x183x183
MDSSE 1042	Wire Shelf System	61x91x183
MDSSE 1043	Wire Shell System	61x17x183
MDSSE 1044	Wire Shell System	61x122x185
MDSSE 1045	Wire Shelf System	61x137x183
MDSSE 1046	Wire Shell System	61x152x183
MDSSE 1047	Wire Shelf System	61x183x185

MODEL	MDSED 1300	MDSED 1301	MDSED 1302	MDSED 1303	MDSED 1304
TYPE	Modular Drug Storage Shelves (Fixed, U-type)	Modular Drug Storage Shelves (Fixed, E-type)	Modular Drug Storage Cart	Modular Drug Storage Cart (Double)	Modular Drug Storage Shelves (Double)
FEATURES	10 baskets, Fixed, Modular	10 baskets, Fixed, Modular	10 baskets, Fixed, Modular	20 baskets, Mobile, Double	40 baskets, Fixed, Modular
DIMENSIONS (WxLxH) cm	65×45×190	45×65×190	70×70×190	115×70×190	70×180×190

SSF Series - Morgue & Anatomy Units



MODEL	MDOMU 6020	MDOMU 6030	MDOMU 6050
TYPE	Panel Type, Double Front Door Morgue Unit	Panel Type, Triple Front Door Morgue Unit	Double Side Door Morgue Unit
MATERIAL	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel
FEATURES	Polyurethane foam insulation (60-80mm, 38-42 kg/m³), Lockable front doors with inside opening, Interior lighting, Digital heat control (0 to +5°C, -5 to +10°C), R290 gas, Funeral trays (1.2mm stainless steel), Automatic defrost, Fan-controlled cooling, 4 lockable wheels	Polyurethane foam insulation (60-80mm, 38-42 kg/m³), Lockable front doors with inside opening, Interior lighting, Digital heat control (0 to +5°C, -5 to +10°C), R290 gas, Funeral trays (1.2mm stainless steel), Automatic defrost, Fan-controlled cooling, 4 lockable wheels	Polyurethane foam insulation, Lockable side doors with inside opening, Interior lighting, Digital heat control (0 to +5°C, -5 to +10°C), R290 gas, Funeral trays (1.2mm stainless steel), Automatic defrost, Fan-controlled cooling, 4 lockable wheels
DIMENSIONS (WxLxH) cm	87×236×150 + 40 (Engine on top)	87×236 + 50 (Engine) ×220	97×236×150 + 40 (Engine on top)




MODEL	MDOMU 6100	MDOMU 6200	MDOMU 6280	MDOMU 6300
TYPE	Autopsy Table (with Washing Sink)	Cadaver Lift (Hydraulic)	Cadaver Trolley (with Lid)	Body Washing Table
MATERIAL	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel	304 Grade Stainless Steel
FEATURES	Double 220V plug with lid, Optional vacuum system, Single faucet, Air/water gun rinser, Bottom cabinet, Dirty water outlet, Removable grid plates, Washing sink	Manual hydraulic lift, Q65 hydraulic pump, Roller system, Push handle, Lifts up to 200kg, 4 castors (2 brakes)	Lid with shock-absorbing system, Four castors (2 brakes), Compatible with morgue units	Inclined pooled top tray, Fluid flow design, Dirty water outflow
DIMENSIONS (WxLxH) cm	90×265×90	68×202×38	68×210×60+35	90×210×90

OPD Series - Operation & Intensive Care Unit Doors

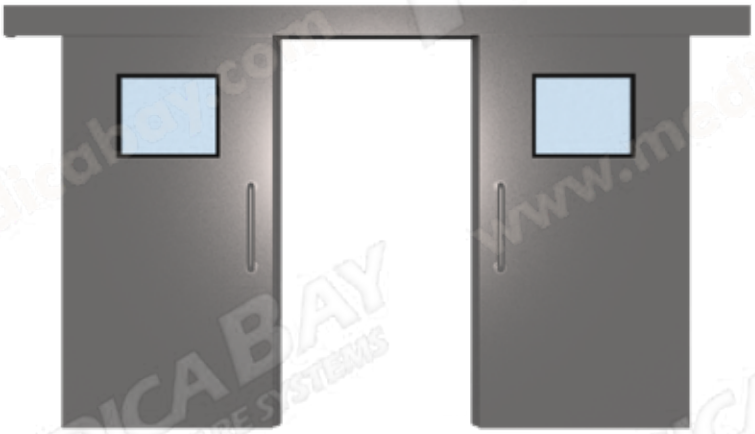
SINGLE SLIDING OPERATION ROOM DOORS

Medicabay's Single Sliding Operation Room Doors are engineered to meet the stringent hygiene and safety requirements of modern healthcare environments.

Material Options: High-Pressure Laminate (HPL), Stainless Steel (SS), Glass

Sealing Options: Available in Hermetic and Semi-Hermetic configurations

Key Features: Space-efficient design, smooth sliding mechanism, easy-to-clean surfaces, optimal hygiene control



DOUBLE SLIDING OPERATION ROOM DOORS

Our Double Sliding Operation Room Doors are designed to facilitate seamless movement of medical equipment and personnel in high-traffic areas.

Material Options: High-Pressure Laminate (HPL), Stainless Steel (SS), Glass

Sealing Options: Hermetic and Semi-Hermetic options available

Key Features: Wide, synchronized sliding panels, durable construction, minimal maintenance requirements

SINGLE SWINGING OPERATION ROOM DOORS

Ideal for areas requiring rapid and frequent access, these doors combine robustness with ergonomic functionality.

Material Options: High-Pressure Laminate (HPL), Stainless Steel (SS), Glass

Sealing Options: Hermetic and Semi-Hermetic configurations available

Key Features: Ergonomic handle design, smooth swinging mechanism, enhanced hygiene control, robust durability

DOUBLE SWINGING OPERATION ROOM DOORS

Our Double Swinging Operation Room Doors are crafted for maximum flexibility and reliability in demanding healthcare settings.

Material Options: High-Pressure Laminate (HPL), Stainless Steel (SS), Glass

Sealing Options: Hermetic and Semi-Hermetic options

Key Features: Dual-leaf design for wide access, superior sealing performance, high durability, easy operation

X-RAY ROOM DOORS

Specially designed to offer effective radiation protection while maintaining aesthetic and functional standards.

Material Options: High-Pressure Laminate (HPL), Stainless Steel (SS)

Lead Integration: Built-in lead lining for comprehensive radiation shielding

Key Features: High radiation protection efficiency, durable surface finishes, customizable dimensions, compliance with safety standards

INTENSIVE CARE UNIT DOORS

Our Intensive Care Unit Doors are developed to enhance patient care by providing clear visibility and effortless access.

Material Options: High-quality Glass, High-Pressure Laminate (HPL), Stainless Steel (SS)

Opening Types: Available in Single or Double configurations, Sliding or Swinging mechanisms

Sealing Options: Hermetic and Semi-Hermetic configurations available

Key Features : Transparent panels for optimal visibility, smooth operation, easy-to-sanitize surfaces, modern aesthetic

DOOR CONTROL OPTIONS

Medicabay hospital doors can be equipped with advanced opening technologies to enhance accessibility and hygiene control in healthcare environments.

Radar Sensors: Enable automatic, contactless door opening when motion is detected.

Touchless Hand Sensors: Allow doors to open with a simple hand gesture, reducing the risk of contamination.

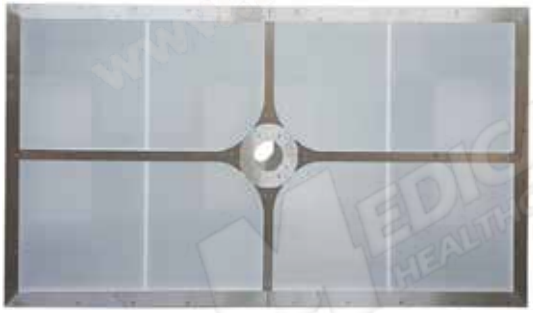
RFID Access: Provides secure access through RFID cards, ideal for controlled environments.

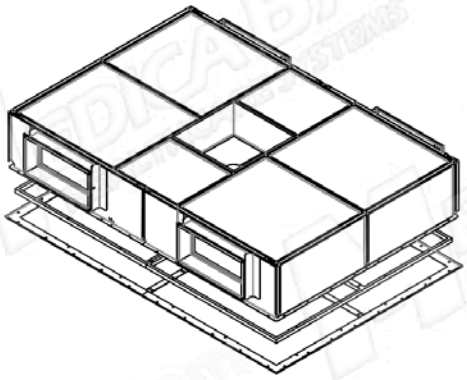
Keypad Access: Ensures restricted entry with customizable security codes for sensitive areas.

PRODUCT	MATERIAL OPTIONS	OPENING MECHANISM	SEALING TYPE
Single Sliding Operation Room Door	HPL, Stainless Steel (SS), Glass	Sliding (Single)	Hermetic / Semi-Hermetic
Double Sliding Operation Room Door	HPL, Stainless Steel (SS), Glass	Sliding (Double)	
Single Swinging Operation Room Door	HPL, Stainless Steel (SS), Glass	Swinging (Single)	
Double Swinging Operation Room Door	HPL, Stainless Steel (SS), Glass	Swinging (Double)	
Lead-Integrated X-ray Room Door	HPL, Stainless Steel (SS)	Sliding / Swinging	
Intensive Care Unit Door	HPL, Stainless Steel (SS), Glass	Sliding / Swinging	

SLF Series - Laminar Flow Units

The Medicabay® Laminar Flow Unit is a critical system designed for operating rooms and other hospital areas that require a hygienic and sterile environment. By providing linear and low-turbulent airflow, these units protect both the surgical team and the patient, ensuring the highest standards of infection control. Produced with a focus on reliability and precision, our Laminar Flow Units meet international standards for safety and performance.





KEY FEATURES & TECHNICAL SPECIFICATIONS

Manufacturing Material Options:
304 or 316 Quality Stainless Steel: For durability, corrosion resistance, and ease of maintenance.

COMPLIANCE & STANDARDS

DIN 1946/4 Standard: Designed and manufactured in accordance with recognized healthcare airflow standards.

Leakproofness Testing: Guaranteed to pass comprehensive leakproofness tests for high-quality performance.

HVAC Validation Tests: All units are guaranteed to pass HVAC validation for optimal air quality and safety.

AIRFLOW DESIGN

Linear and Low Turbulent Airflow: Ensures the even distribution of air, maintaining a sterile environment with minimal disruption.

Full Surface Filter Options: Laminar flow units with full-surface filter options for optimal protection.

FILTER SPECIFICATIONS

HEPA Filters (H13 / H14 Efficiency):
99.95% efficiency for H13 filters and 99.995% for H14 filters in MMPS (Most Penetrating Particle Size).

Filter casing options: MDF or Galvanized Steel for long-lasting performance.
Filter Housings: Suitable for HEPA filters with both gel filler gaskets and EPDM gaskets for airtight sealing.

Slotted Slots for Filter Tightness Testing: Ensuring full filtration integrity.

LIGHTING

Low-Energy LED Lighting: Provides bright illumination with minimal energy consumption, contributing to cost savings and a sustainable operating environment.

Pressure Monitoring:
Differential Pressure Connection Probes: For accurate and continuous monitoring of airflow integrity and performance.

Customizable Design Options:
Height-Constrained Spaces: Low-level production options for environments with ceiling height limitations.

Customized to Project Specifications: Manufactured to fit the specific dimensions and design requirements of each hospital or clinic.

Your Vision, Our Commitment

At **Medicabay Healthcare Systems**, we are more than just a manufacturer—we are your partner in advancing healthcare solutions. Our dedication to innovation, quality, and customer satisfaction drives us to deliver products that not only meet but exceed industry standards.

As you explore our catalog, we hope you've discovered the breadth and depth of our offerings, designed to support the critical needs of healthcare facilities worldwide. Whether you require tailored solutions or expert guidance, our team is always here to assist you.

Thank you for considering Medicabay as your trusted healthcare partner.

Together, we can build a healthier future.

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HEALTHCARE SYSTEMS

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