Medical Ward Unit
Thorsman MWU
Customised and pre-wired
– ready to use
Thorsman MWU Medical Ward Units are available in three versions

**MWU-300, for common wards**
The panel is optimised to provide an “ordinary” ward with lighting for reading and main lighting, as well as every kind of technical connection for electric power, phone, data, nurse call, medical gases, etc.

It is softly shaped and is supplied in the desired length and colour to blend well into the room. Being modular in terms of its base and its technical content, the panel can always be extended and modified to suit changing requirements.

For the MWU-300 there are more than a hundred outlets, connections, devices and accessories to meet every conceivable need.

The panel has smooth surfaces and minimal joints for simple, effective cleaning.

**MWU-300C, the discreet panel**
The technical design of the panel is the same as the MWU-300 above, but to tone down even further the technical impression in the ward, MWU-300C has shutters on the front to conceal outlets and connections. Each shutter opens a small part of the panel, making it easy to connect plugs.

The shutter can be closed also when plugs have been connected. The medical gas outlets face downwards to avoid that the connected equipment gets in the way of the shutters.

The panel has smooth surfaces and minimal joints for simple, effective cleaning.

**MWU-500, for intensive care**
For the technically demanding intensive care situation, MWU-500 provides space for every kind of technical connection: electric power, phone, data, nurse call, medical gas, and so on.

For the MWU-500 there are more than a hundred outlets, connections, devices and accessories to meet every conceivable need.

The panel has a very stable aluminium base which, for example, allows the medical accessory rail to carry heavy equipment.

The panel has smooth surfaces and minimal joints for simple, effective cleaning.
All technical functions are grouped on the Medical Ward Unit – practical and safe

The MWU medical ward unit brings together all the technical needs of the ward in the immediate vicinity of the patient. This obviously has many practical advantages, but it also makes major demands on the shape and operation of the panel. The patient’s environment must not feel cluttered with technology but it must still meet all the stringent technical requirements that are a feature of modern health care.

This is a tightrope. On one hand, the personnel need to have maximum accessibility to sockets and functions so that they can look after the patient properly. On the other hand, the patient is entitled to a calm and harmonious environment in the ward.

For the MWU-500, our intensive care panel, there is only one objective – maximum accessibility. But for the MWU-300, the panel for the common ward, it is not so obvious what is the most important aspect. That’s why we have made two versions of the panel – with and without shutters to conceal the technical content.

Unique marking system
Clear marking and colour coding indicate which sockets should be used for what.

Comfort light
Comfort light is housed in a CYB apparatus unit. This allows one or more to be positioned freely on the panel.

Advanced lighting
Powerful, dimmable lighting which does not intrude on the service content. Extra long downlight gives shadow-free light for reading and a good light for medical examinations.

Easy to install
There is no need to open the panel at installation. It hangs on hidden brackets and is secured at the bottom edge.

Convenient connection
The feeder trunking is slightly rounded to give a soft impression. The connections are placed where you want them.

Nurse call
Several types of nurse call systems can be fitted to the panel.

Medical gas
Most manufacturers’ outlets can be installed in the panel.

Medical accessory rail
To hang up equipment temporarily there is a stable medical accessory rail, which can be of any length. Integrates into the panel or is fixed to the wall.

Data and telephone
Sockets for phone and data on copper/fibre networks.

Special sockets
The CYB range of fittings and socket outlets offers every possibility, even for DIN-rail applications.
Thorsman MWU Medical Ward Unit
– a compact solution guaranteed for ten years

Thorsman MWU Medical Ward Unit offer a customised and pre-wired compact installation solution, primarily for a medium-intensity hospital environment. The panel, which can be ordered up to 20 metres long, has separate installation spaces for power, low-voltage and gas, with grouped, easily-accessible infeed points. The panel has a soft, friendly shape and can be ordered in any colour or more than one colour. The surfaces are smooth and the joints are kept to a minimum for easy cleaning.

Easy installation; the MWU simply hangs on the hidden brackets and is secured at the bottom edge. The panel can be ordered with integrated or separate lighting and with or without gas outlets and medical accessory rail.

**Thorsman MWU for reasons of economy**

Installing switches, electrical socket outlets, call systems, etc. in trunking and panels is now standard practice in the hospital environment. Flexibility and overall economy are improved considerably since the installation becomes quick and efficient. The installation can then be conveniently upgraded or replaced.

Thorsman medical ward units are supplied pre-wired, i.e. fitted with ready-wired outlets and fittings for electric power, phone, data, medical gas and lighting according to customer specification. The panel is connected electrically to easily accessible terminals. The gas outlets are connected to gas pipes which are sealed at the specified connection point. Reasons of economy are perhaps the clearest and most powerful incentive for choosing Thorsman MWU medical ward units.

**... for aesthetic reasons**

There is a clear trend in the care sector to want to make patient rooms more homely. Above all, the MWU panel is an advanced technical installation which satisfies strict demands for simple installation in existing environments. But with its styled lighting, soft panel shapes and the offer of any colour it still meets the requirements for a more discreet technical installation.

Notice in particular MWU-300C, where we have gone one step further in concealing the technology.

**... for reasons of safety**

The length, colour, equipment etc of the MWU panel are specified in a planning program which automatically takes account of the parameters that govern the equipment and its positioning. For example, outlets for gas and electric power are positioned in accordance with current safety regulations and standards.

Socket outlets and fittings have a unique marking system which makes them easier to use and eliminates the risk of mistakes when changes are made to installation.

Every panel is given a unique serial number and undergoes function testing before dispatch. This means that we can give a ten-year warranty on the electrical connections.

The gas outlets are pressure-tested to current standards. Guarantee certificate, gas certificate, test report, installation instructions, and wiring diagram are enclosed with the shipment when it is dispatched from the factory.
Manufacturers of gas outlets:

**Facing forwards:**
- For Scandinavia: GCE (AGA) and QMT.
- For UK standard: most well-known manufacturers (Dräger, BOC-Medeas, Mips, etc.).

**In a 45° angle and facing downwards:**
- For Scandinavia: GCE and QMT.

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**MWU-300**

1. Lighting unit
2. Light fixing bracket
3. Lamp fixing
4. Wall bracket
5. Washer
6. Stop end
7. Mounting clip
8. Accessory rail
9. Gas compartment
10. Electrical compartment

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**MWU-300C**

1. Lighting unit
2. Light fixing bracket
3. Lamp fixing
4. Wall bracket
5. Washer
6. Stop end
7. Mounting clip
8. Accessory rail
9. Gas compartment
10. Electrical compartment

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**MWU-500**

1. Lighting unit
2. Light fixing bracket
3. Lamp fixing
4. Wall bracket
5. Washer
6. Stop end
7. Mounting clip
8. Accessory rail
9. Gas compartment
10. Electrical compartment

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**Facing forwards:**
- For Scandinavia: GCE (AGA) and QMT.
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