

Technical Specification

Product: **Body Fridge with 6 small doors**
Cat.-No.: **MA-1120**

Body Fridge with 6 small doors

Type: MA-1120 2T-6D-6C AISI306

Used in Anatomy, Legal Medicine and Pathology

General Description

Fully hygienic construction for body cooling at **+3°C**.

2 tier / 6 small doors.

Capacity : 6 corpses

80mm polyurethane insulation.

Foamed with cyclopentane, 100% CFC-free according to norm DIN EN 10204-2.1! 40kg/m³. Insulation: gravity 40kg/m³, heat conductivity 025 acc. to norm EN / DIN 4108.

k-value = 0,25 W/m² K (Kelvin) acc. to norm EN / DIN 52612.

Heatbridge-free, self carrying cell-elements in sandwich construction, connection by means of groove & tongue technique and corrosion protected excentric rod strainer for fast installation.

The joints between the panels are closed by means of a unique overlapping system which guarantees optimum hygienic conditions.

Proposed furnishings inside the cell (see separate spec-sheet)

6 x body trays

3 x body tray support for 2 body trays each with 4 height-adjustable feet (40mm) for exact positioning of transfer-height.

Incl. safety break system (stop) in the back of U-rails to avoid contact with rear wall.

Note: the body trays and the body tray supports are not included in the delivery of the cell and must be ordered separately!

Construction of floor

Absolutely tight against any kind of liquid (even when using steam pressure cleaning systems). Drainage not necessary for hygienic reasons because the dew water is already vaporized.

Certified operating temperature: -5°C to +12°C at a surrounding temperature of +32°C (option 45°C). Gap-free floor and side panels (see enclosed technical drawing) with patented unique overlapping technique. Non-slip floor construction (class R11).

Construction of all corners

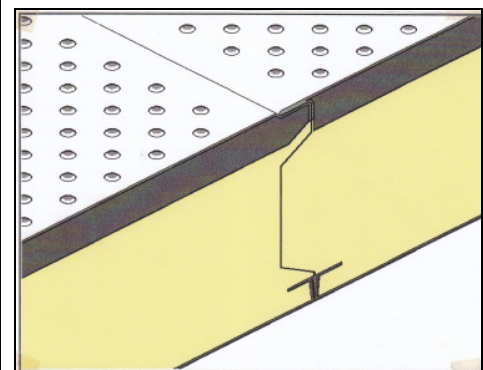
Radius of 20mm for best possible hygiene / cleaning



ma-1120 Body Fridge for 6 Corpses (2 Tier)



ma-1120 Loading with Universal Transporter



Silicon gap-free Construction of Floor and Walls

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Doors

Single door to be opened to the outside with magnetic profile gasket and adjustable hinges. Lever lock system (spring loaded). Cylindric lock and emergency inner opening device when door may be locked from outside. Opening limitation. Both sides covered with stainless steel sheets AISI 306. Insulation: 80mm
Door handles with special "compression lever" design
Door frame made of stainless steel.
Door opening (free opening): 700(W) x 500(H) mm

Special features

- Digital temperature display showing temperature of inside of cell incl. over-/under temperature alarm
- Light switch
- Pressure equalizing valve
- Inner light 100W (splash water protected, protection IP44)
- Automatic dew water elimination
- Electronic temperature-control

Material of Insulation Elements

- Inner and outer surfaces stainless steel EN DIN 1.4301 (AISI 306)
- Floor: anti-slip design, class R 11, mech. load: 1500 N / 4cm²

Dimensions

Outer dimensions: 2700(L)x2400(D)x2410(H)mm (w/o aggregate)

Outer dimensions: 2700(L)x2400(D)x2950(H)mm (with aggregate on top of cell).

Inner dimensions: 2540(L) x 2240(D) x 2250(H) mm

Insert heights: 1st tier = 600mm
2nd tier = 1200mm

Refrigeration

Refrigeration Unit (Made in Germany), Type CT 2000
Compact, ready to plug in refrigeration unit with electronic remote control system for temperatures ranging from -5 to +12°C at max. 32°C surrounding temperature. Installation on top of cold room or behind cold room.

It is also possible to install a so called "split aggregate" where the cooling unit is located in another room (surcharge!). Distance from evaporator to fridge unit is max. 12meters!



ma-1120 Insert of a Body Tray

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Time controlled automatic defrost cycles. Compressor and evaporator-housing complete made of stainless steel. Automatic dew water evaporation. No dew water pipe necessary.
Sound pressure level: 61 dB (A)
Weight: 97,5kgs

Refrigeration data

- Evaporator, stainless steel expansion valve, collector / dryer, pressure controller, electr. wire 4m.
- Refrigeration fluid: R404a
Power: AC 230V / 50Hz
Refrigeration capacity at +3°C : 1100W
Noise level: 63dB (A)

Prerequisites for cold room installation

- Waterlevel floor, drain outside cell area for cleaning / waste water
- Electricity supply: 230V AC / 50Hz

Made in Germany according to the valid EN/DIN norms and ISO 9002 regulations



Cooling units (made in Germany) with evaporator for installation into ceiling of cold room.
Refrigerant: R 404 A

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