

## Optionals

-  OZONE
-  HACCP USB
-  WATER COOLED CONDENSER
-  VERTICAL CONTROL PANEL
-  ADDITIONAL INSTALLATION KIT
-  SOUNDPROOF CONDENSING UNIT
-  400 mm TUNNEL LENGTH EXTENSION



## Capacity



**610 kg**

+90°C → +3°C



**560 kg**

+90°C → -18°C

**3**

Trolleys  
800 x 850 mm

**6**

Trolleys  
450 x 650 GN

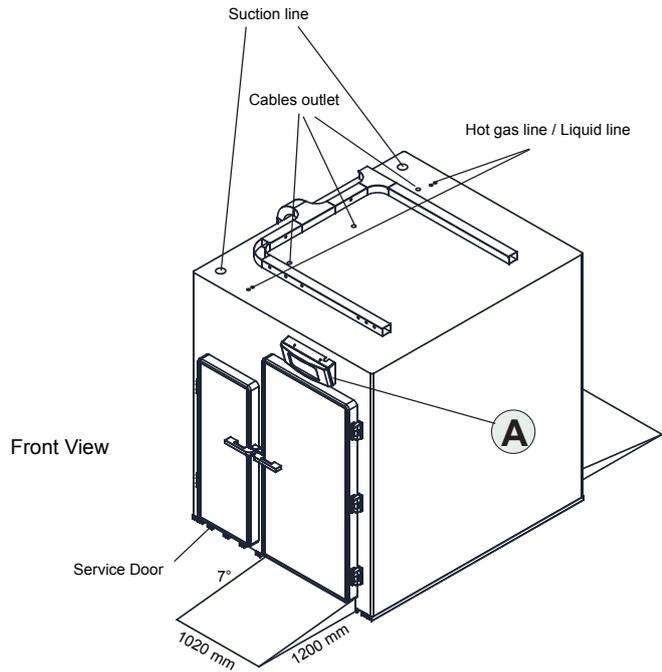
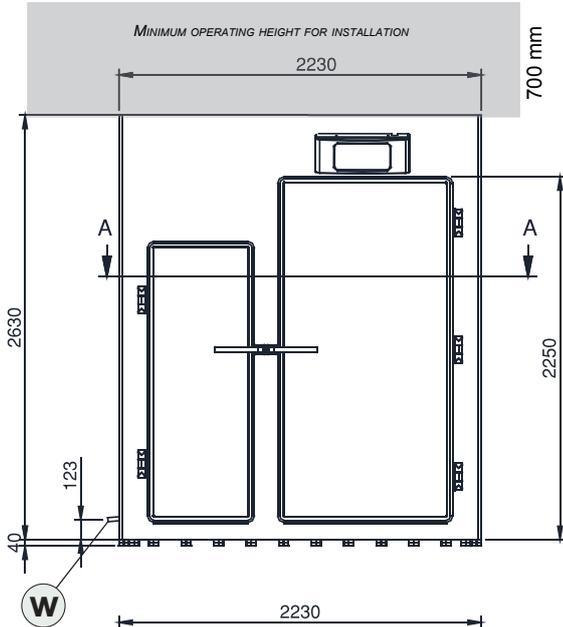
## Features

Code number	MT3	MT3 1/2
Power supply	400V/3N/50HZ	400V/3N/50HZ
Outside length	2230 / 980 mm	2230 / 980 mm
Depth	2630 / 2430 mm	3030 / 2830 mm
Height	2630 / 2080 mm	2630 / 2080 mm
Capacity 800x850 mm / 450x650 GN	3 / 6	3 / 8
Output chilling (+90°C/+3°C)	610 kg	610 kg
Output freezing (+90°C/-18°C)	560 kg	560 kg
Electronic card	BASE	BASE
Absorbed power	21 kW	21 kW

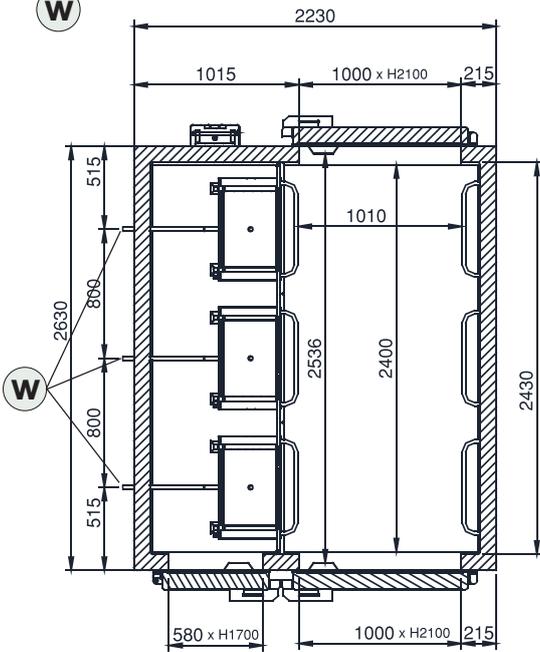
### REMOTE UNIT FEATURES (MAX DISTANCE 15 M)

Power supply	400V/3N/50HZ	400V/3N/50HZ
Refrigeration Power (Cond:-20°/+40 (°C)	39,7kW - 27 HP	39,7kW - 27 HP
Absorbed power (Cond:-20°/+40 (°C)	20 kW	20 kW
Diameter Discharge Pipe (<15 mt)	22 mm	22 mm
Diameter Suction Pipe (<15 mt)	54 mm	54 mm
Diameter Hot Gas Pipe (<15 mt)	22 mm	22 mm
Gas	R 452a (GWP2141)	R 452a (GWP2141)
Dimensions	2200 x 1300 x 1850 mm	2200 x 1300 x 1850 mm

## Dimensions

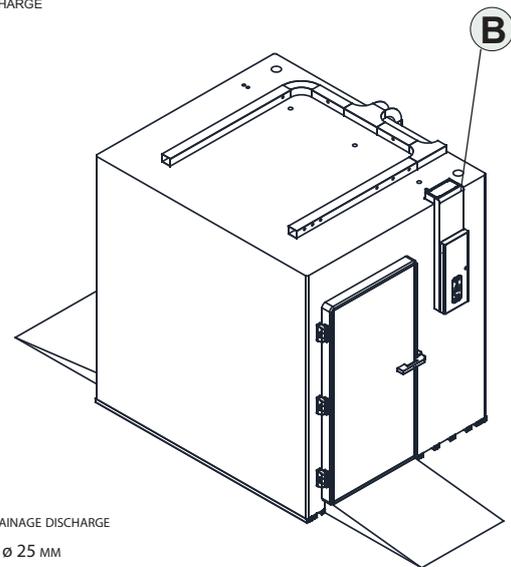


Front View



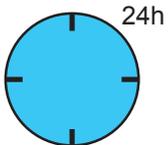
**W** DRAINAGE DISCHARGE

Top View



**W** DRAINAGE DISCHARGE  
ø 25 MM

## For running 24 hours a day

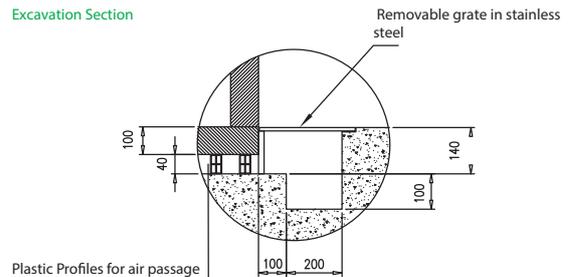


24h

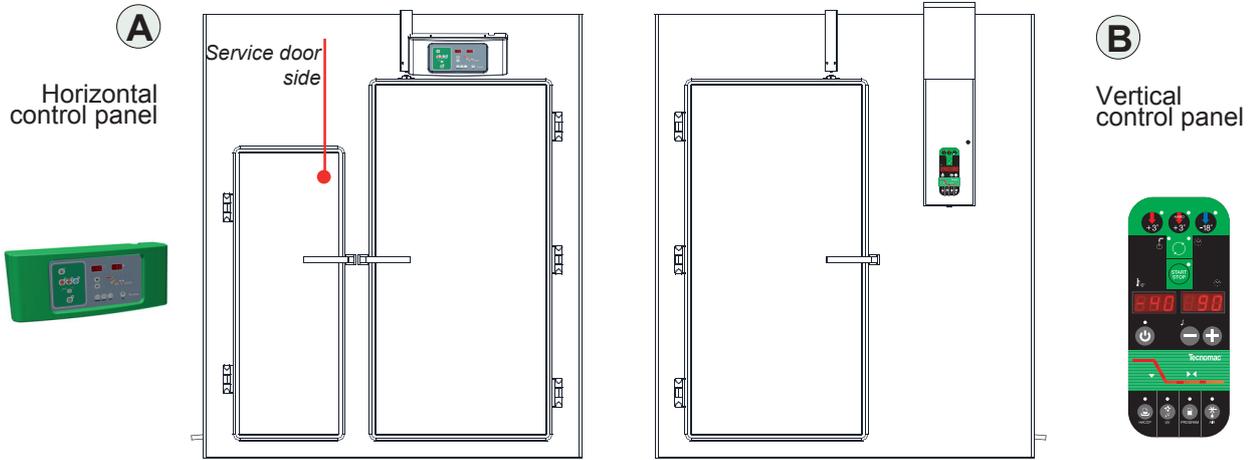


Excavation example

## Excavation Section



## Alternative solutions Control Panel Position



## REMOTE UNIT FEATURES

### Machine delivered without condensing unit - Disclaimer Clause

Castelmac guarantees only the good functioning of the components of the machine. It's excluded from the warranty:

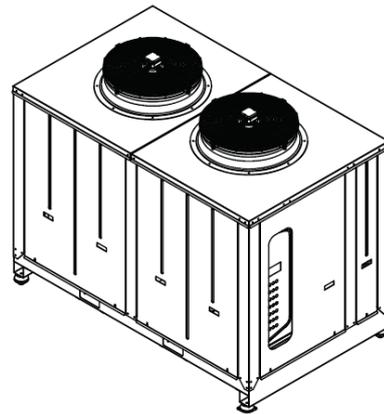
- the cooling performance of the machine
- malfunctioning or damages due to the partial or not complete connection of the machine with the central cooling unit or there not original condensing unit. In particular there is no warranty on damages on the machine due to the missed connection of the alarm input which stops the machine in case of alarm coming from the central cooling unit or the not original condensing unit. Hot gas defrosting available only if hot gas supplied (distance < 25 m). Alternative air defrosting available from control panel.

### CONNECTION TO CENTRAL COOLING UNIT

- Blast Freezing function must be disabled (do not work)
- Use the freezing line (-28°C / -30°C Evaporation)
- Output signal supplied for liquid line valve control (valve not supplied)
- Input signal available for general alarm from the central cooling unit, which stops the machine

### CONNECTION TO CONDENSING UNIT NOT SUPPLY BY TECNOMAC

- Output signal supplied for switch on compressor
- Output signal supplied for switch on hot gas valve (if present)
- Input signal available for alarm coming from the condensing unit, which stops the machine



CONDENSING UNIT WITH BOX