

ASSEMBLY MANUAL FOR MRL CABINET:

- **CM320-R-MK2-EN81.20**
- **CM320-MK2-EN81.20**
- **CM-MK2-EN81.20**



DELIVERY CONTENT:

- N°1 Left side panel
- N°1 Right side panel
- N°1 Lower horizontal panel
- N°1 Middle horizontal panel
- N°2 Vertical back side panel sections
- N°1 Top horizontal cover
- N°1 Front Skirting
- N°2 Doors
- N°1 Controller fixing bracket
- N°1 Main switch fixing bracket
- N°1 Service light fixing
- N°1 Fastening kit:
 - N°38 Pan head screws M5x10 with cross recess EN 7045
 - N°8 Hexagon head bolt M6x16 with flange DIN 6921
 - N°4 Cage nuts
 - N°2 Cabinet keys

Needed tools:

- PH2 screwdriver
- Fixed key, size 10



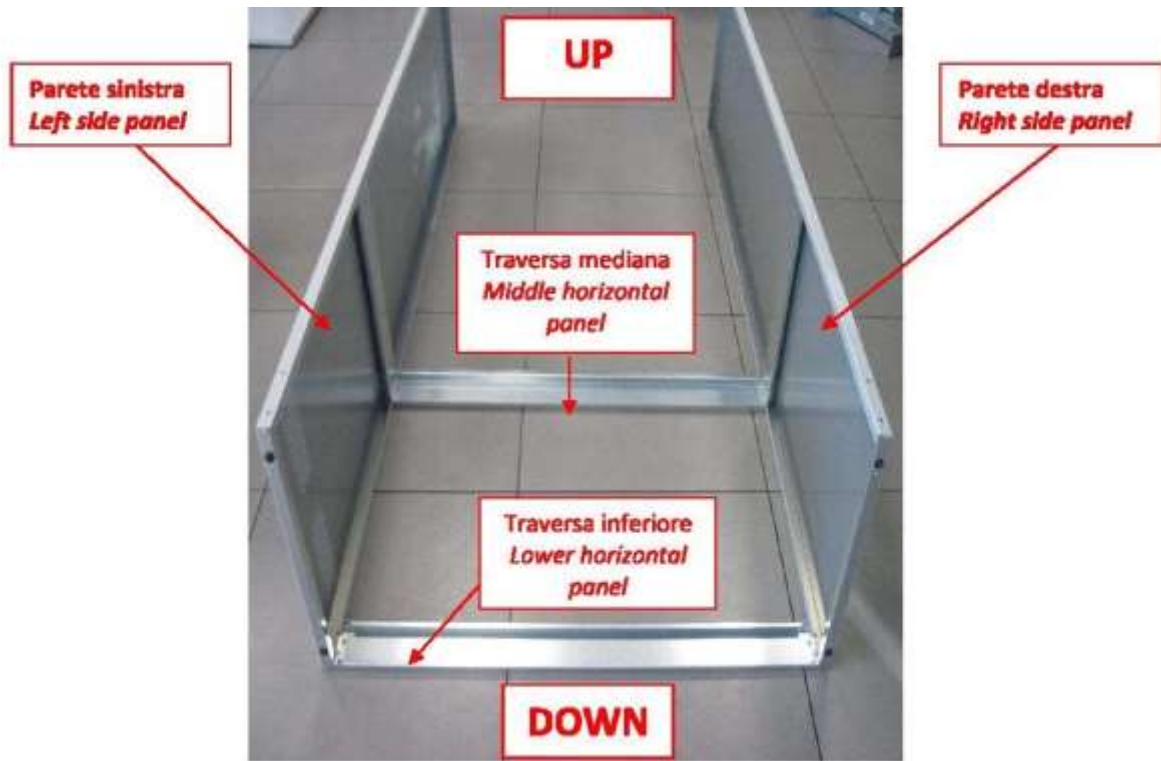
Pic. 1: Box

Warning: before starting with assembly, identify an area where to position the cabinet, verify that the floor is leveled. The cabinet will be initially assembled in horizontal position: please verify that you have enough room for the operation (see picture 2). Before assembling every component, remove the protective film.

Phase 1

Place on the ground the right and left side panels, facing each other (the panel side facing the cabinet doors can be identified easily by the presence of two holes with thread; the panel side facing the cabinet roof can be identified by the MORIS logo puncture on the metal sheets, see picture 2).

Assemble the two side panels with the lower horizontal panel, using 4 screws M5x10 (EN 7045) (picture 3). Then assemble the middle horizontal panel with 4 screws M5x10 (EN 7045) (picture 4).



Pic. 2



Pic. 3: lower horizontal panel



Pic. 4: middle horizontal panel

Phase 2

Assemble the 2 vertical back side panel sections, with 3 screws M5x10 (EN 7045) (the bottom side facing the ground is identified by the provisions for the two rectangular openings, for hose routing).



Pic. 5



Pic. 6

Phase 3

Place the assembled back side between the vertical panels, placing the hose opening provisions facing the ground. Align the back side with the middle horizontal panel. The ribs must be in the external position of the cabinet. Fix the back side to the frame using 2 screws M5x10 (EN 7045) (picture 8).



Pic. 7



Pic. 8

Phase 4

Place the top cover above the side panels and the backside panel, taking care to place the roof opening provisions at the back of the cabinet, while the hook at the front of the cabinet (picture 9). Fix the top cover to the back side panel using 4 screws M5x10 (EN 7045); fix then the lateral side panels to the top cover using 4 screws M5x10 (EN 7045).



Pic. 9



Pic. 10

Phase 5 (optional)

Optional: fix the dedicated bracket in the upper part to fix the cabinet at the wall, using 2 screws M5X10 (EN 7045)



Pic. 11



Pic. 12

Phase 6

Fix the control panel support bracket to the back side, using 4 screws M5x10 (EN 7045).



Pic. 13

Phase 7

Move the partially assembled cabinet in vertical position (picture 14) and fix the back side panel with 6 screws M5x10 (EN 7045) (picture 15). Check the tightening of the screws assembled previously.



Pic. 14



Pic. 15

Phase 8

Place the main switch fixing bracket with 1 screw M5x10 (EN 7045) and 1 screw already placed. Place the service light fixing with 2 screws already placed (picture 17). These components can be assembled on the left or on the right (at your convenience) side panels.



Pic. 16



Pic. 17

Phase 9

Place the cabinet in its final position, where it will stay after elevator commissioning. Fasten the small brackets for power unit fixing with 4 screws M6x16 DIN 6921. Note! Position these brackets in their topmost regulation, keeping the screws partly tight.



Pic. 18

Phase 10

Place the power unit inside the auxiliary tank, fix the vibration rubber feet on the bottom of the tank and fix 2 or 4 cage nuts on the tank, at your convenience. Regulate the vibration rubber feet in order to reduce the total height as much as possible.



Pic. 19



Pic. 20

Phase 11

Place the auxiliary tank with power unit CM Mark 2 (previously positioned in its auxiliary tank!) inside the cabinet.

The rubber feet regulation, performed in phase 11, must ensure that the auxiliary tank top sides will be lower than the aforementioned small fixing bracket (Picture 22).



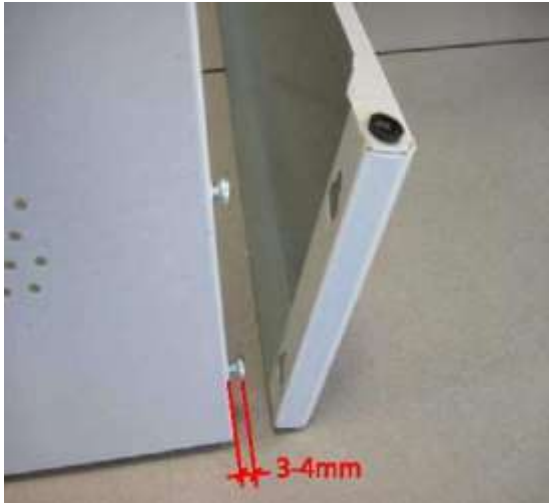
Pic. 21



Pic. 22

Phase 12

Fix 4 screws M5x10 (EN 7045) in the front holes of the 2 sides, taking care not to tighten the screws completely. Leave 3-4mm of air between the screw head and the side panel. Position the front skirting by inserting the head of the screws into the slots and then pressing the skirting downwards (Pic. 23). Then lock the baseboard by tightening the 4 front screws (Pic. 24).



Pic. 23



Pic. 24

Phase 13

Fasten the auxiliary tank to the small fixing brackets using 4 or 8 screws M6x16 DIN 6921.



Pic. 25

Phase 14

Assemble the two doors acting on the hinge of the joints.



Pic. 26



Pic. 27



Pic. 28

ASSEMBLY COMPLETED