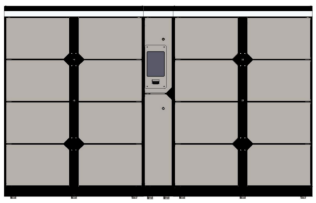

COOLCENTER Forssa Oy MOD 8 Plug In Modules User Manual

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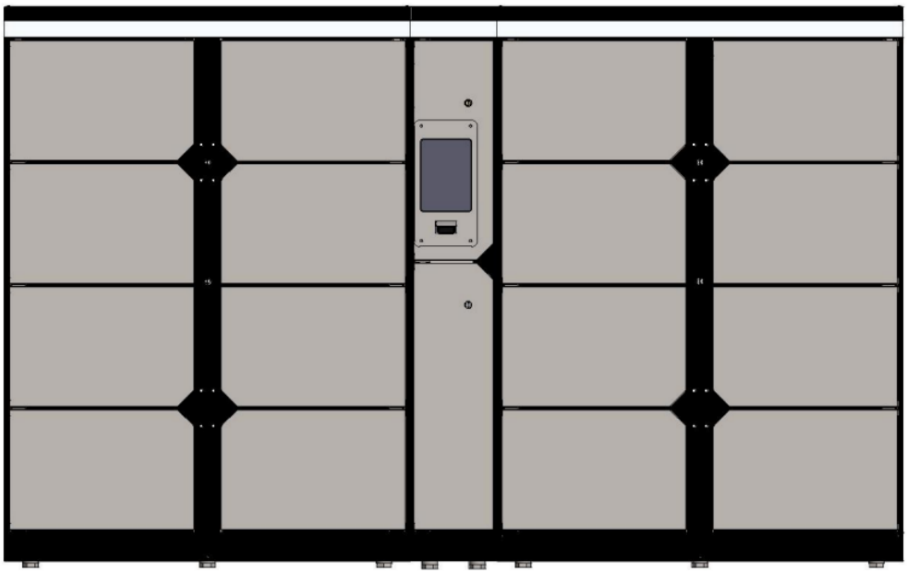


Contents

IMPORTANT SAFETY INSTRUCTIONS

1. Before starting to use the grocery locker automat and in order to achieve optimal operating characteristics, we recommend reading this user manual.
2. It is the user's responsibility to operate the machine in accordance with the instructions provided.
3. If you notice a fault in the operation of the automat, contact the seller's/manufacturer's service immediately.
4. Place the grocery locker automat in a dry and ventilated place.
5. Do not place the grocery locker automat close to any another heat-emissioning device or expose it to direct sunlight.
6. Please note that there is always a risk associated with electrical appliances and their use.
7. Never store flammable liquids such as thinner, gasoline, etc. in the compartments of the vending machine.
8. We confirm that no asbestos or other environmentally harmful CFCs have been used in the manufacturing process.

GENERAL

The grocery locker automat consists of separate MOD8 plug-in modules installed in parallel, each module operating with its own separate refrigeration unit. MOD8 UI (User Interface) -module operates as an user terminal and control unit for the automat.

The modules are connected to each others and installed as a complete grocery automat that meets the customer's needs. Automat can be located on the middle floor or against the wall. If necessary, the automat size can be modified and expanded with additional modules according to the need. Ask the manufacturer about the possibilities.

One MOD8 -module consists of 6 cooling compartments and 2 freezing compartments. Freezing compartments are located on top. Compartments locks are electric solenoid locks (Note! during a power outage, the locks are closed).

INSTALLATION AND SETTING UP THE DEVICE

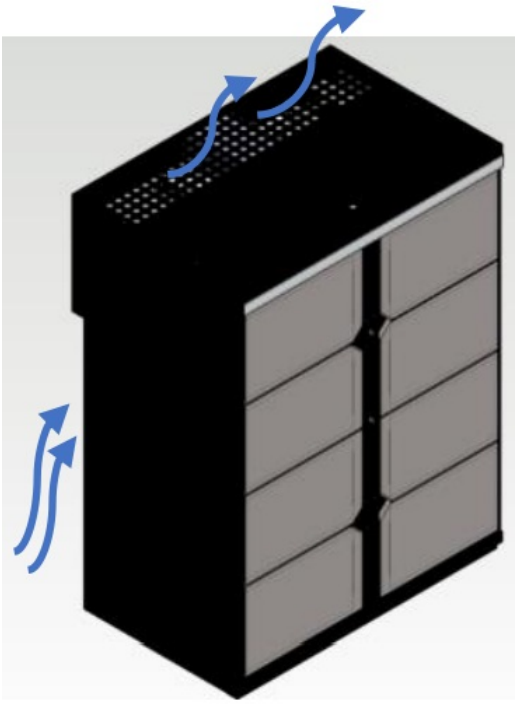
Before installation take note to the manufactures´installation drawing and instructions. Upon order manufacturer

confirms all details by delivering 1. Identified Installation Drawing and 2. Check List for preparing the installation site -documents.

Make sure that all preparations for the installation have been made according to the Installation Drawing and Check List provided by the manufacturer.

Following factors shall be observed before installation;

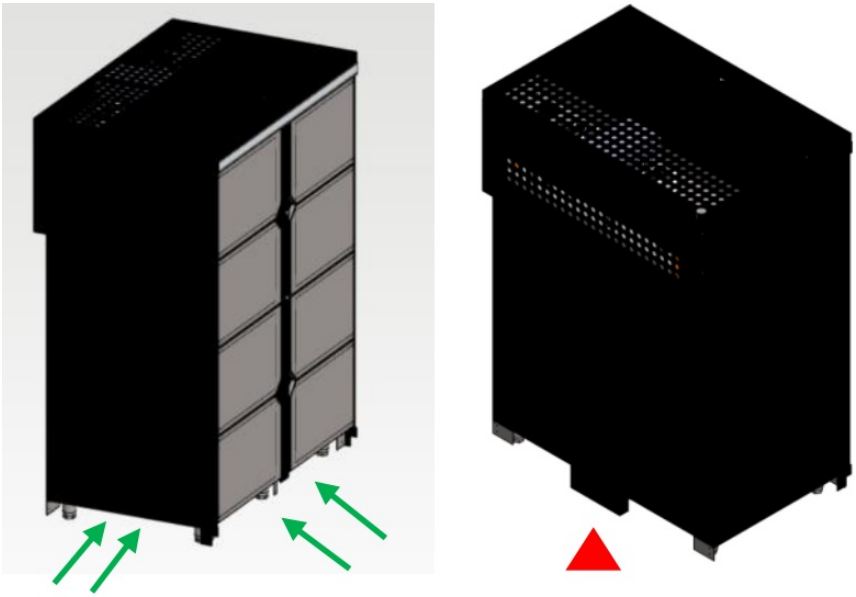
- Modules are designed for indoor use (climate class 3, operating temperature max. +25°C / 60 % RH).
- Cooling machines are generating heat while they are running. Ensure that installation room has enough ventilation / air conditioning.
- Observe the requested minimum installation distances for the machines to ensure ventilation space



Picture illustrates the ventilation air flow : Air in-take for the cooling machine is behind the module, under the cooling compartment. Air out-take (warm air flowing out) is from the module top.

To ease the maintenance operations, take note to the instructions given by the manufacturer. Modules need to be able to be pulled out from the line to make service operations when needed. For that reason do not attach any extra parts on the automat structure.

When lower grille not attached, module can be moved with pump cart. There are 4 adjusting feet. Always ensure that module is levelled.



Module can be moved with pump cart from the sides. When using pump cart from front, be careful not to damage the casing on the back wall.

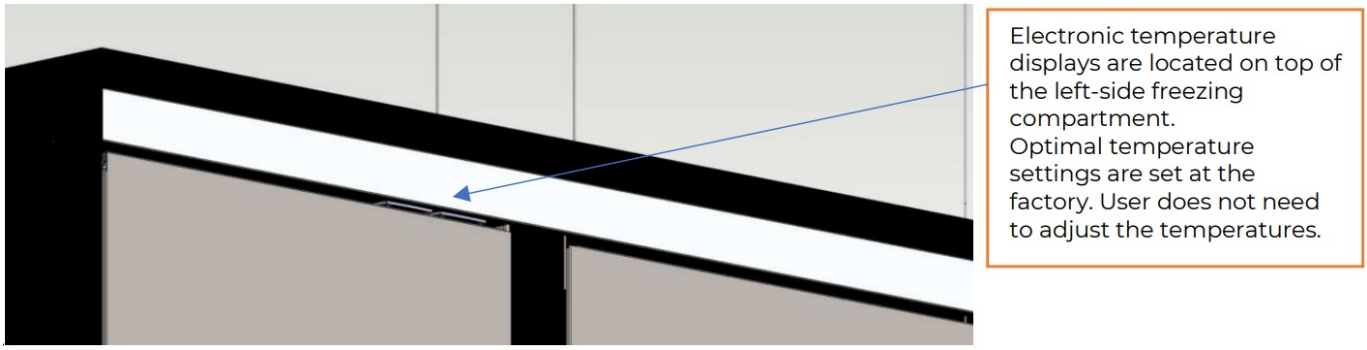
The installation and operational testing of automat is always carried out by the manufacturer's own installer team or partners specifically authorized by the manufacturer. The final testing for automation is done in co-operation with software automation supplier.

ELECTRICAL CONNECTIONS

The device operates on 230 V/50 Hz mains power. The modules are suitable for connection to normal grounded sockets with a universal 16A fuse. Never use an extension cord for connecting the device. All electrical work must be done by a certified electrician.

SETTING THE TEMPERATURE

Each module is equipped with electronic temperature controllers for cooling and freezing compartments (electronic thermostat type Dixell XR77CX). Temperature displays are located on top of left-sided freezing compartment.



The optimal thermostat settings are pre-adjusted by the manufacturer. Settings are protected by a security code. The settings should be changed only by a service person authorized by the manufacturer.

DEFROSTING

Modules operate with automatic defrosting. The defrosting water is led into an internal water bowl, from where it is automatically evaporated.

MAINTENANCE AND CLEANING

The inner and outer surfaces of the unit, as well as door seals, should be regularly cleaned with a mild detergent. After this, dry the surfaces with a cleaning cloth. While cleaning do not use substances that contain bleaching, or other chemical, ingredients, as these may damage surfaces.

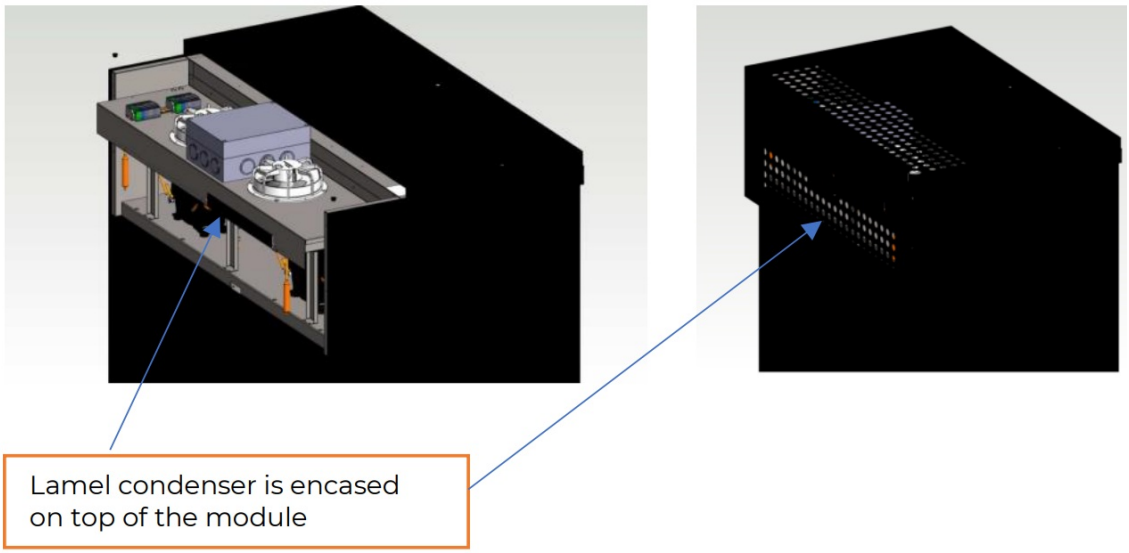
Each module has its own separate refrigeration and freezing machinery. NEVER rinse the compressor compartment with water, as this may cause short circuits and damage to electrical components.

It is imporant that the modules are installed in a way, that they can be pulled out from the line when ever needed.

The condenser is encased in the back wall of the module. In order the cooling machine to work properly, it is important to keep the condenser clean of dust and dirt.

⚠ It is recommended to make condenser cleaning two (2) times per year. If there is not enough space to make service intervention from the back, it is necessary to pull out the module from the line by using a pump cart.

Customer can take care of the condenser cleaning himself (ask instructions from manufacturer) or customer can ask an service offer from the manufacturer. Regular maintenance program is provided by the manufacturer upon request.



POSSIBLE MALFUNCTIONS

If your devices have software problems, check for the following possible causes:

- The power cord is disconnected or broken
- The Ethernet cable is not connected, loose attached or defected
- The fuse is broken
- Power outage

If the problem persists, contact Core Factory Oy’s service.

In case of technical problems or breakdown of mechanical parts, contact the dealer / manufacturer’s service.

Mechanical parts include:

- Doors

- Seals
- Handles
- LED indicators
- Locks
- or other structural elements

When contacting the service, be prepared to inform:

- Precise location of the device
- Your contact information
- Device fault description as accurately as possible

The manufacturing product plate for of each module can be found on the back wall of the device.

DISPOSAL

The disposal of refrigeration equipment must be carried out in an environmentally friendly manner as required by law. Please note the current local regulations regarding the disposal of refrigeration equipment.

 In professional use, the costs of disposing of WEEE waste are covered by the manufacturer of the product. The costs of recycling WEEE waste have been paid by the manufacturer of this equipment. Equipment can be delivered to the WEEE waste recycling centre free of charge.

WARRANTY

The devices have a 2-year operating warranty granted by the manufacturer. Warranty conditions subject to Coolcenter Forssa Oy general terms of delivery.

The software supplier is responsible for the hardware of the machine's operating software (touch screen, PC, RFID reader, router, etc.) as well as programming, operational testing and customer user guidance. The software supplier defines and is responsible for their warranty.

TECHNICAL SPECIFICATIONS

MOD8 grocery locker automat modules below:

Mod 8 – USER INTERFACE

- **External dimension (W x D x H):** 310 x 967 x 2004 mm
- **Net weight (kg):** 95 kg
- **Door locks:** mechanical, own key
- **User terminal:** touch screen Multi Touch 10”
- **Fuse:** 10 A
- **Power (W):** 650 W
- **Climate class:** SN, N

- **Operating conditions:** Max. +38 ºC

Module includes configurated automation and hardware (supplied by software partner) and temperature monitoring unit.

Mod 8

External dimensions (WxDxH): 1453 x 967 x 2004 mm
Internal dimensions (WxDxH): 2 freezer lockers 480 x 306 x 330 mm 6 cooler lockers 562 x 628 x 338 mm
Net weight (kg): 410 kg
Compartment locks: solenoid electric
Temperature range: freezer lockers -20…-18ºC
cooler lockers: +4…+8º C
Fuse: 16 A
Net volume (l): freezer lockers 66 l cooler lockers 201 l
Power (W): 2040 W
Defrosting: freezer Automatic hot gas
cooler: Automatic
Refrigerant: R290
Temperature control: Electronic
Climate class: 3
Operating conditions: Max. +25 ºC / 60 % RH

CONTACT

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30100 FORSSA

Service:
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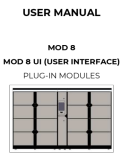
tel. +358 50 3560987
email: service@coolcenter.fi

Documents / Resources

	**COOLCENTER Forssa Oy MOD 8 Plug In Modules** [pdf] User Manual MOD 8, MOD 8 UI, MOD 8 Plug In Modules, Plug In Modules, Modules

References

- **User Manual**