

# metos

## ICE CUBE DISPENSER

METOS  
CD40AS  
MG4162144

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## Installation and operating Instructions

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## 1. WARNINGS



**It is expressly forbidden for the users of the equipment to carry out the following operations or those marked by symbols. Such operations must be performed exclusively by qualified personnel.**

**Electrical connection**

**Water mains connections**

**Machine installation**

**Machine test run**

**Repairing all machine components and parts**

**Disassembly of machine and/or components**

**Adjustment and setting procedures**

**Machine cleaning and maintenance relative to the following parts and components:**

**Electrical**

**Electronic**

**Mechanical**

**Cooling system**

## 2. INSTALLATION



The following operations should be carried out before the ice maker is started:

- Check that the machine has not been damaged in any way during transportation.
- Install the ice-maker in the intended position, making sure that it is perfectly level.
- Make the water mains connections before connecting the electrical supply.
- Connect the 3/4" feed tube supplied to the machine and to the cold drinking water feed line.
- It is both practical and advisable for safety reasons to fit a water shut off valve, which is not supplied with the machine.
- Attach a plastic hose with an internal diameter of 20mm and of suitable length (not more than one metre from the machine) to the drainage coupling on the machine, leading to the trap.

### **N.B.**

When choosing where to install the machine, it is important to ensure that:

- a) the room temperature does not drop below +5° and does not exceed +43°C**
- b) the temperature of the water does not drop below +10°C and does not exceed +30°C**
- c) the water feed pressure does not drop below 1 bar and does not exceed 5 bar. If the pressure exceeds 5 bar, fit a pressure reducer on the water supply unit serving the machine**
- d) the machine is well away from any sources of heat and installed in well-ventilated surroundings**

- Make sure that the machine is installed in a position where the ventilation of the cooling unit cannot be obstructed (only air-cooled machine).

- Do not install the machine in dusty surroundings as the condenser in the cooling unit will become clogged very quickly (only air-cooled machines).

### 3. STARTING UP



The following operations should be carried out before the ice-maker is started up:

To ensure that the water flows smoothly from the machine, the tubes should be inclined at a minimum of 3%, and must not be bent or constricted in any way. The tubes should ideally discharge the water into an open drain-trap.

Before making the electrical connections, make sure that the supply voltage corresponds to that indicated on the registration plate located on the back panel of the machine.

**The maximum permitted tolerance for voltage variation is +/- 10% of the rated value. The electrical isolator switch must be fitted with correct fuse rating.**

### 4. TOIMINTA

Turn the main switch to ON. The machine will start up in the water filling stage which lasts 5 mins.



**The technician/installer will carry out a full inspection of the machine interior.**

The first batch of the ice cubes produced is loaded into a container after about 30 min.

#### **ATTENTION**

If the temperature of the room in which the machine is installed is below +15°C, then the freezing cycle will be shorter (17-20 min.)

If, on the other hand, the temperature of the room exceeds +30°C, then the freezing cycle will be longer (25-30 min).

## 5. STOPPING THE MACHINE

Always operate the isolator switch installed on the electrical line to stop and restart the ice-maker.

After every restart using the isolator switch, the machine completes the water-loading cycle and then passes on automatically to the ice-making cycle.

## 6. ICE PICK-UP

After a few functioning cycles, ice dispensing will commence, insert the container in the dispenser.

Dispensing is automatically stopped as soon as the container is removed from the dispenser.

If the ice container is left in the dispenser, ice feed is automatically stopped after 15 seconds.

**ATTENTION**

In the event of malfunction, the machine will stop automatically.



## 7. CLEANING AND MAINTENANCE



**NB: The machine must be disconnected from the electrical mains and water supply before any cleaning or maintenance operations are carried out.**



### **CLEANING OF THE AIR CONDENSING**

Dust tends to accumulate in the condenser and gradually reduces the freezing power of the machine and therefore the production of ice.

It is therefore advisable to check the condenser located at the back of the machine at short intervals and to clean it with a metal-bristled brush or better still, a vacuum cleaner.

Access is gained to the condenser by removing the side ventilation panel.

### **CLEANING THE BODY OF THE MACHINE**

This should be cleaned with a cloth dampened with lukewarm water.

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