



COUNTERTOP



**BEDIENUNGSANLEITUNG
USER MANUAL
MANUEL DE SERVICE
ISTRUZIONE PER L'USO
INSTRUCCIONES DE USO**

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Operating instructions for M, MV, CT and CMV Cooler, English

**Subject to technical changes and misprints or typographical errors.
Dated Dezember 2008**

1. Safety instructions

- ⇒ Pay attention during and after installation that the device is not positioned on the electric cable!
- ⇒ Always transport the device in upright position!
- ⇒ If the device is slanted during transport, you must wait at least for two hours before you start running the device in order to avoid defects!
- ⇒ Pull power plug before each cleaning or maintenance operation or interrupt power supply!
- ⇒ Do not position the device next to a heat source, in supply air or in the current of hot air.
- ⇒ Do not keep or store fuel, gas or other flammable substances close to the cooling unit!
There is risk of fire or explosion due to the escaping vapours.
- ⇒ Keep a distance of at least 8 cm (3.2 inches) between the wall and the rear side in order that hot air may escape upwards.
- ⇒ Ventilation openings must not be blocked!
- ⇒ Level the device on a solid surface area and set it up in a room which is appropriate for its dimensions and its purpose of use.
- ⇒ Do not use the cooling unit at a place where the ambient temperature falls below 16°C (61°F). Set up the device at a dry place.
- ⇒ When setting up the device or when relocating it, pay attention not to damage the floor.
- ⇒ Do not damage the refrigeration circle!
- ⇒ The electric cable must only be replaced by a qualified technician!
- ⇒ Do not use any extension cords or multiple plugs!
- ⇒ The disconnection of the power supply must be possible by pulling the power plug or by a two-pole switch which is switched before the socket.
- ⇒ This operating instruction is part of the device. Therefore, it must remain with the device!

2. Before using the device

- ⇒ Check the device for damages after unpacking. Report possible damages immediately to the freight carrier!
- ⇒ Wait for two hours before starting up the device in order that the cooling circuit is able to achieve its entire functionality.
- ⇒ The installation and the electrical connection must be appropriately prepared by a qualified person according to the valid regulations.
- ⇒ Before starting up the device, you must clean its inside!

3. Packing

- ⇒ The packing material can be completely recycled and is marked by a recycling symbol. Dispose according to the local regulations.
- ⇒ Store packing material (plastic bag, polystyrene parts, etc.) out of the range of children.

4. General information

This operating manual refers to several design models. The following pages detail instructions for the operation, maintenance and cleaning of the device. **The manufacturer cannot be held liable for damages which are a result of the inappropriate application of the product.** In order to maintain warranty claims, please read and observe the information in this operating manual.

This operating manual is valid for the following design models:

- ⇒ M
- ⇒ MV
- ⇒ CT
- ⇒ CMV

Information for your safety:

The construction of this cooling display was accomplished according to the safety standards of ETL (Edison Testing Laboratories) for electrical and sanitary devices.

The device is exclusively suited for the storage and presentation of packed food or food which has been filled in bottles or cans.

- ⇒ **Hygienic guidelines:** (according to ETL list)
 - ETL approval according to the hygienic guidelines category II of NSF
- ⇒ **Electrical safety:**
 - (according to ETL list) ETL approval according to the guidelines for the electrical safety UL 471 (USA and Canada)
 - Declaration of Conformity for Europe CE

Responsibilities of the customer:

- ⇒ Make sure that the outlet is provided with a ground terminal.
- ⇒ The current and voltage must correspond to the information on the name plate of the device.
- ⇒ Pay attention that the device is positioned on a level surface.
- ⇒ Read and observe the guidelines on the following pages.

5. Warranty:

Due to differently formulated warranties it is not possible to make general statements here. Warranty periods are shown separately and agreed on in our general terms and conditions, in the order confirmation or in the purchase contracts.

Warranty exclusion:

- ⇒ Use of the device at a location with a room temperature of more than 26°C (78°F)
- ⇒ Use of extension cords and multiple plugs
- ⇒ Inappropriate use / application
- ⇒ Insufficient cleaning, maintenance and/or repair
- ⇒ Inappropriate grounding
- ⇒ Connection of the device to a power supply which deviates from the instructions on the name plate

6. Transport, packing, location, assembly:



ATTENTION:

Device is very heavy. Transport only with several persons and appropriate equipment!



Read operating instructions!

This operating instruction is part of the device and must remain there.



If possible, do not set up and expose the device to direct sunlight!



The device is **not** suited for the application outside.



Avoid locating the device within the range of the outlets of air conditions, the current of warm air, entrances or miscellaneous places with strong air turbulences!



The location where the device is set up must be solid and level!



The use of extension cords or multiple plugs is not permitted.



- ⇒ If possible, leave the cooling display in its original packing until the device is placed at its final destination.
- ⇒ Do not use any sharp objects for the removal of packing material because this might damage plastics, patterns or varnish.
- ⇒ Damages of the cooling display must be registered and reported as soon as possible (at best with picture documentation).



- ⇒ Transport damages must be reported immediately after delivery.
- ⇒ Observe the local regulations for the disposal of packing material.
- ⇒ If possible, use the packing material several time and recycle.



Absolutely keep a certain distance to the walls! For this purpose, please install the supplied wall distance piece at the rear side of the device!
A location "back-to-back" without partition is not permitted!



Operate the device at a temperature range between +16°C (61°F) and +26°C (78°F) and at a maximum humidity of 60% RH!

7. Storage of products:



This device is exclusively suited for the storage and presentation of packed food or food* filled in bottles or cans
Not suited for open (unpacked) food.

*observe according regulations concerning storage temperatures



Fill the device only up to the maximum line markings.
Do not block internal ventilation grids in front or rear of unit to maintain proper performance.

8. Connection to the power supply system:



- ⇒ The socket must be provided with a correct ground contact.
- ⇒ Voltage and frequency must comply with the information on the name plate.
- ⇒ If you are not sure whether your installation is correct, have a qualified technician inspect your electric system.
- ⇒ The supply voltage does not deviate more than +/-10% from the recommended voltage.

- 220 V / 50 Hz version: 198 – 242 Volt
- 115 V / 60 Hz version: 98 – 126 Volt

The manufacturer is not liable for damages or accidents which are a result of misuse, the non-observance of regulations in the country where the cooling display is applied, power fluctuations beyond the specification on the data plate, lightning, power outages or any other acts of nature.

9. Commissioning:

The cooler may be disconnected from the power supply system by pulling the plug of the low power device out of the rear side.



Temperature control

- ⇒ Settings (factory settings): Temperature control is preset in the factory in order that the temperature of the cooled products lies constantly between +2°C and +7°C (35.5°F and 41°F).
The cooling temperature may be slightly altered.

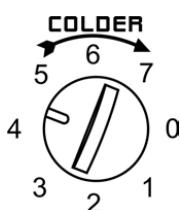
10. Material and refrigerant:



- ⇒ All internal or external surface areas which get in contact with the cooled products are made of zinc-plated steel, aluminium or nontoxic plastics.
- ⇒ The applied cooling agent is approved according to federal regulations.
- ⇒ The cooling display is insulated with CFC-free insulation (expanding agent: cyclopentane).

The type and quantity of the gas filling in the cooling unit is indicated on the name plate of the device.

11. Temperature control:



The cooler is shipped ready for use. This unit has one temperature control for regulating the temperature. The temperature control is located in the upper right hand corner inside the unit.

The temperature control pre-set by the manufacturer is “4.5”. As needed, the temperature control can be adjusted clock-wise to make the product “Colder”, the control can be adjusted counter clockwise to make the product “Warmer”.

Note: The regulation too cold setting (higher than “4.5”) can cause the freezing of the products.

12. Cleaning



Basic cleaning:

The basic cleaning should be accomplished every day. Thus you guarantee a longer service life of the cooling display and a good hygienic condition. We recommend documenting the accomplished cleaning measures.

- ⇒ In order to remove coarse dirt from internal and external surface areas, it is not necessary to disconnect the cooling display from the power supply.
Note: Do not remove cover panels for basic cleaning.
- ⇒ Wipe all surface areas including the front door.
- ⇒ Do not apply sharp objects for cleaning.
- ⇒ Clean the internal and external housing of the cooling display with a clean and wet cloth or with neutral soap.
- ⇒ In order to avoid damages, do not use coarse and highly inflammable detergents.

13. Maintenance:



If maintenance or repair is needed, only authorized personnel are allowed to do it!

14. Connection diagram:

Due to the specific customer requirements, AHT Cooler have different wirings and connections. For the information of the service technician, the connecting diagram is located in the cooling compartment.

15. Exploded assembly drawing and parts list:

Due to the specific customer requirements, AHT-OP devices have a different design. Exploded assembly drawings and parts lists are available for the service partners.

**Subject to technical changes and misprints or typographical errors.
Dated December 2008**

16. Reinigung / Cleaning / Nettoyages / Pulizia / Limpieza

[illegible]

17. Notizen / Notes / Notes / Annotazioni / Notas

[illegible]

