

**Instruction manual for**

**MOBILUX**

**Chest coolers and freezers**

We congratulate You on acquiring Your new Elcold appliance .  
To obtain maximum benefit from Your appliance, please read the following instructions thoroughly and act accordingly.

This instruction manual covers Elcold chest coolers and freezers driven by 12 and 24 V DC with and without internal batteries.

- Warning**
- The appliance must not be connected to the mains.
  - The appliance must not be repaired by other than authorised service personnel.
  - Always charge DC Akku appliances before use.

If these precautions are not followed, the warranty of the appliance will lapse.

### **Preface.**

The Elcold DC Akku series is build with an internal battery. The Akku series can be used as a mobile unit or in areas with unstable power supply.

The DC series is suited for areas where 12 or 24 V DC is readily accessible.

The appliances can run at angles up to 15 degrees.

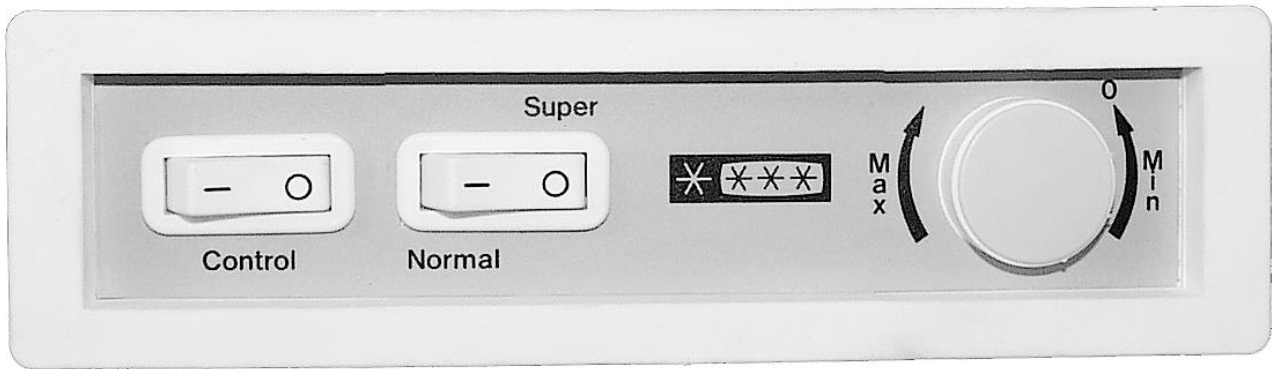
### **Before use.**

Unpack the appliance and check it is not damaged.  
Transportation damages must be reported to the supplier within 24 hours.

Let the appliance rest for one hour before it is started or attached to the charger or power supply.  
The interior of the freezer should be cleaned before use. Clean it with tepid water and mild detergent (washing-up liquid). Dry thoroughly with a clean cloth. Do not use detergents that contains chlorine or abrasive products on the inside of the appliance.

Start the appliance well before filling it with products. Check the temperature with a good glass thermometer. Place the products in the cabinet when it has attained the required temperature. Most frozen products should be stored at a temperature of  $-18^{\circ}\text{C}$ . Measure the temperature at the top of the cabinet in the same height as the top products.

Products must be colder than  $-18^{\circ}\text{C}$  when they are placed in the freezer. Otherwise it will take a long time for the product to reach the recommended storage temperature.



## Operating.

The above figure shows the operating panel.

- CONTROL :** CONTROL switches the appliance on (-) and off (0)  
It is possible to charge a Akku model in both positions.
- NORMAL/SUPER :** Sets the storage temperature. Normal (-) is economy set and  
Super (0) is extra cold.
- Min/max.** Not in use.

## “DC”, Chest coolers and freezers without internal batteries.

DC appliances can run from external 12 or 24 V DC power supplies or batteries. The voltage has to be outside the interval ca. 17 - 24,6V or the appliance will not run.  
The appliance can therefore normally not run on solar panel power. The appliance must be protected by a fuse of 15 A.

## “DC Akku”, Chest coolers and freezers with internal batteries.

The Elcold DC Akku series is built with a maintenance-free internal long-life battery. The supplied charger ensures a quick but gentle charging of the battery. Your new appliance will operate trouble free for years, if you follow the recommendations and advice.

### Battery operation.

The appliance can normally operate 8 hours or more on a fully charged battery. The operation time depends on use, ambient temperature etc. The operating time is substantially shorter in hot environments. Direct sunlight, heat radiation and insufficient air circulation around the appliance shortens the operating time as well.

Always charge the appliance before use. See Charging. The life span of the battery is shortened by storage and operation in high temperatures. Avoid tropical temperatures if at all possible.

### Charging

Connect the charger to the appliance' red plug first. Then connect the charger to the mains and turn it on. The diodes of the charger indicates the charging state of the battery. It takes 8-16 hours to recharge a fully de-charged appliance.

#### Appliances out of operation for a longer period

The appliance must be fully charged before it is taken out of operation for a longer period. Recharge the appliance every 12 month. The appliance should be recharged every 3 month if the ambient temperature is warmer than 30°C.

The appliance can alternatively be connected to the charger all the time it is out of operation. This costs more energy and is thus only recommended if the ambient temperature is warmer than 30°C.

Remember to turn the appliance off before the last re-charge (CONTROL (0)).

#### **Defrosting and cleaning.**

Freezers must be defrosted when the frost is thicker than 5mm. Use a plastic or wooden scraper. Never use metal scrapers, knives or pointy tools that can damage the freezer inner liner. Move the products to another freezer or wrap them in papers, blankets and cardboard to avoid defrosting them. Open the lid and clean the freezer when the frost is thawed.

Clean it with tepid water and mild detergent (washing-up liquid). Dry thoroughly with a clean cloth. Do not use detergents that contains chlorine or abrasive products on the inside of the appliance. The drain can be opened to let water out of the freezer. Start the appliance before filling it with products. Place the products in the appliance when it has attained the required temperature.

#### **If the appliance malfunction.**

Error :	What to check first :
The compressor is not running	Is the power on? Is the plug connected correctly ? Has the appliance been turned off, "CONTROL" setting 0 ? Is the battery fully de-charged ? Has the fuse blown ?, call authorised service personnel.
The appliance is not cold enough	Is temperature controller set cold "SUPER" (0) ? Is frost layer too thick ? Does the thermometer show the right temperature ? Is the drain closed ?

#### **Disposal.**

The appliance should be discarded with the smallest possible environmental impact. Materials should be recycled when ever possible. All disposal should be in accordance with existing legislation. This applies for the complete appliance as well as different parts the battery.