



Mortuary Cabinet

Congratulations on your new Minus40 Refrigerator!

This premium product incorporates the latest innovations in refrigeration technology with a highly durable design. Properly maintained, the unit(s) will provide many years of reliable service.

Please read the following instructions carefully as it contains important information concerning the safety, installation, operation and maintenance of your Refrigerator.

SAFETY INSTRUCTION

- Always disconnect the unit from the mains supply before attempting to do maintenance or before removing the bottom grille.
- In case of unit failure, disconnect it from the power supply and contact your service technician or supplier for advice.
- If the supply cord is damaged it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

INSTALLATION GUIDE

Follow these easy steps to Install your new Minus40 unit.

- Remove all wrapping and packing material.
- Be careful not to damage any of the delicate wiring or pipe-work in the compressor compartment.
- Open the unit door and remove all accessories.
- Uncoil the power lead from the rear compressor compartment.
- Move the unit to the desired position.
- The unit "breathes" through the grill, and if blocked, will not operate properly, damaging the compressor.
- The levelling feet underneath allows for adjustment if the floor is uneven.
- Built-in Voltage protector supplied by Minus40

VOLTAGE INFORMATION

20 Amp outlet - 3 & 4 Tier Mortuary Cabinet

25 Amp outlet - 6 Tier Mortuary Cabinet

POWER SUPPLY

DO NOT CONNECT THE UNIT TO THE MAINS SUPPLY UNTIL YOU HAVE READ THE FOLLOWING INFORMATION.

- A qualified person by all local standards and regulations should carry out any electrical alterations to the unit.
- The power supply should be per the electrical specifications listed on the rating plate. The rating plate can be located inside the unit on the top right-hand side.
- Always ensure that the electrical connection is suitably earthed.
- An inadequate electrical installation can result in voltage reduction at the compressor or cause damage to the motor.
- When all of the electrical requirements have been satisfied, the unit may be plugged into the mains socket.
- Allow the cabinet to reach normal operating temperature before loading (App.1.5 hours).
- Frequent power failures and dimming of lights indicate poor quality electrical supply and can lead to cabinet failure. If the main electric supply quality is in doubt, please use a voltage stabilizer.

TEMPERATURE CONTROLLER

The cabinet is fitted with a Full Gauge Digital Controller & Display.

- The controller is pre-set with a built-in defrost sequence every 6 hours for 10 minutes.
- Do not set the cabinet too cold, as it will not cool faster by setting to a lower temperature.
- The cabinet will automatically run for longer periods between the cycles if ambient temperature increases.
- Frequently door openings will require longer run times to recover

MAINTENANCE INSTRUCTIONS

Repairs:

- Before carrying out any maintenance or repair work, please ensure that the unit has been disconnected from the mains supply.
- Any service performed on these refrigerators within the 1-year warranty period MUST be cleared and reported to the manufacturer. Failure to do this will void the standard warranty.

CLEAN THE CONDENSER

Make sure to clean the condenser once a month. Failure to do so might cause permanent compressor failure.

CLEANING INSTRUCTIONS

Interior and Exterior Cleaning

- Please ensure that the unit has been disconnected from the electricity supply.
- The unit should be cleaned periodically with a non-abrasive cleaner and soft cloth.
- Do not use any chemicals containing abrasive materials, bleach, detergents or harsh materials.
- A damp cloth may be used provided that all surfaces are polished dry afterwards.
- The condenser coil (radiator) must be cleaned regularly for optimal performance and must be cleaned each month.

TROUBLE SHOOTING CHECKLIST

SYMPTOM	CHECK
❖ The unit does not run & the controller or fans do not work	<ul style="list-style-type: none"> ❖ Make sure the unit is plugged in ❖ Check for a tripped circuit breaker
❖ Unit does not run, but the controller is on	<ul style="list-style-type: none"> ❖ Check the temperature setting on the controller ❖ Unplug the unit, wait two hours and plug it in. If you hear it running, a problem is causing the compressor to overheat ❖ Check if the evaporator fan is running ❖ Listen if the compressor ever runs. If not the compressor might be faulty
❖ Unit is not cold enough	<ul style="list-style-type: none"> ❖ Check the temperature setting ❖ Assure that there is enough room for airflow in the fridge. ❖ Check for airflow restrictions in front and at the back of the grille. ❖ Clean the condenser coils ❖ Check the door seal
❖ Unit is too cold	<ul style="list-style-type: none"> ❖ Check the temperature setting
❖ Unit is noisy	<ul style="list-style-type: none"> ❖ Hissing and popping sounds are normal. ❖ Check that the fridge is level
❖ Unit runs continuously	<ul style="list-style-type: none"> ❖ Check the door seals ❖ Clean Condensor
❖ In the event of a breakdown	<ul style="list-style-type: none"> ❖ Disconnect the fridge from the power supply. Contact your supplier for advice.



**Refrigeration
System
Installation**

For Remote Cabinets

The refrigeration suction pipeline of the cabinet must be joined to the suction pipe of the condensing unit through copper brazing, the same should be done to join the liquid line from the cabinet to the condensing unit.

The wiring between the cabinet and the condensing unit should be done using an insulated butt splice connector ferrule and the same colour wiring must be joined together.

ELECTRICAL DIAGRAM	
WIRE COLOUR	DESCRIPTIONS
Brown	Live
Blue	Neutral
Black	Solenoid Valve
Green	Earth
White	Door Heater

CONDENSER CLEANING

Always follow these steps when cleaning the unit condenser.

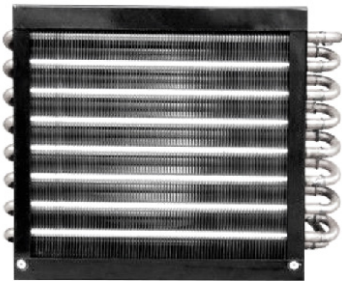
1 Power off

Unplug the unit from the mains electricity supply.



2 Locate Condenser

Locate the condenser next to, and attached to, the fan.
*It looks similar to a car radiator



3 Soft Brush

Take a soft brush and clean the fins.

CAUTION: The condenser is very delicate

- Do not to bend the fins.
- Never poke anything through the fins
- Never use water
- Never use a hard brush



4 Vacuum

If possible, use a vacuum to clean away the debris. Check the rest of the compartment for any foreign objects and remove.



5 Remove Tools

Ensure that all tools have been removed.



6 Log the Data

Log the date of the cleaning and make a dairy note to clean it again in 2 to 3 months

CONDENSER CLEANING SCHEDULE

Please indicate the DAYS that the condenser is cleaned on the chart

Date cleaned marked with an 'X'	1	2	3	4	5	6	7	8	9	10	11
Jan											
Feb											
Mar											
Apr											
May											
Jun											
Jul											
Aug											
Sep											

Why Clean the Condenser?

The function of the condenser is to dissipate the heat from within the fridge/freezer. By keeping the fins clear of dust, the unit will run more effectively with lower energy consumption and a longer product life.

This Cabinet Comes With A Built-In Voltage Protector

BUILT-IN VOLTAGE PROTECTOR INSTRUCTIONS

This premium product incorporates a built-in voltage protector that regulates the power supply and ensures a stable voltage supply to the refrigerator to maximise equipment efficiency and reduce damage and downtime caused by a power surge.

Operation principles LED light:

The voltage protector is located in the refrigerator base, the bottom grille/service door needs to be open.

- RED:** Under/ Over voltage
- Amber/Yellow:** Delay
- Green:** Good power supply

THIS UNIT COMES WITH A **BUILT-IN VOLTAGE PROTECTOR** **40**

● ○○ **RED LED - VOLTAGE PROBLEM**

● ○○ **YELLOW LED - WAIT**

● ○○ **GREEN LED - POWER ON**

CONDENSER CLEANING SCHEDULE

Please indicate the DAYS that the condenser is cleaned on the chart

Date cleaned marked with an 'X'

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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Nov																															
Dec																															

- Clean the condenser with a soft brush
- Check the condenser monthly
- If there is dirt or fluff on the condenser clean as above
- Mark the chart above with a cross on the DAYS that the condenser is cleaned

