



MISTRAL TC60 BOTTLE COOLER

Installation, Operating and Servicing Instructions



Please make a note of your product details for future use:

Date Purchased: _____

Model Number: _____

Serial Number: _____

Dealer: _____

CONTENTS

WARRANTY	3
DELIVERY.....	3
INTRODUCTION	3
INSTALLATION.....	5
TURNING LED LIGHTS ON-OFF	6
REVERSING DIRECTION OF DOOR.....	7
ELECTRICITY SUPPLY CONNECTION.....	9
COMMISSIONING	9
CHANGING THE CONTROLLER SET POINT.....	10
USING YOUR BOTTLE COOLER.....	10
CLEANING	11
CHANGING SHELF POSITION	11
MAINTENANCE	12
do's and don'ts	13
END OF LIFE DISPOSAL	14
MATERIAL CONTENT	14
SPARE PARTS LIST.....	15
ORDERING SPARE PARTS	16
FURTHER INFORMATION	16

WARRANTY

These bottle coolers are guaranteed by Lincat/IMC for 2 years from the date of purchase from Lincat/IMC, or from one of its stockists, dealers or distributors. The guarantee is limited to the replacement of faulty parts or products and excludes any consequential loss or expense incurred by the purchaser. Defects which arise from faulty installation, inadequate maintenance, incorrect use, connection to the wrong electricity supply, or fair wear and tear, are not covered by the guarantee.

The guarantee applies in this form to installations within the United Kingdom. Export units carry 2 years "parts only" warranty.

Please observe these instructions carefully.

DELIVERY

The packaged machine consists of:

TC60 Bottle Cooler containing:	
Shelf (Full size)	5
Shelf clips	20
Sets of keys	2
Instruction Booklet	1

Please notify both the carrier and the supplier **within 24 hours** of receipt if anything is missing or damaged.

Check that the correct machine has been supplied and that the voltage, marked on the rating plate, is suitable for the supply available. The rating plate is located internally on the right hand side of the unit.

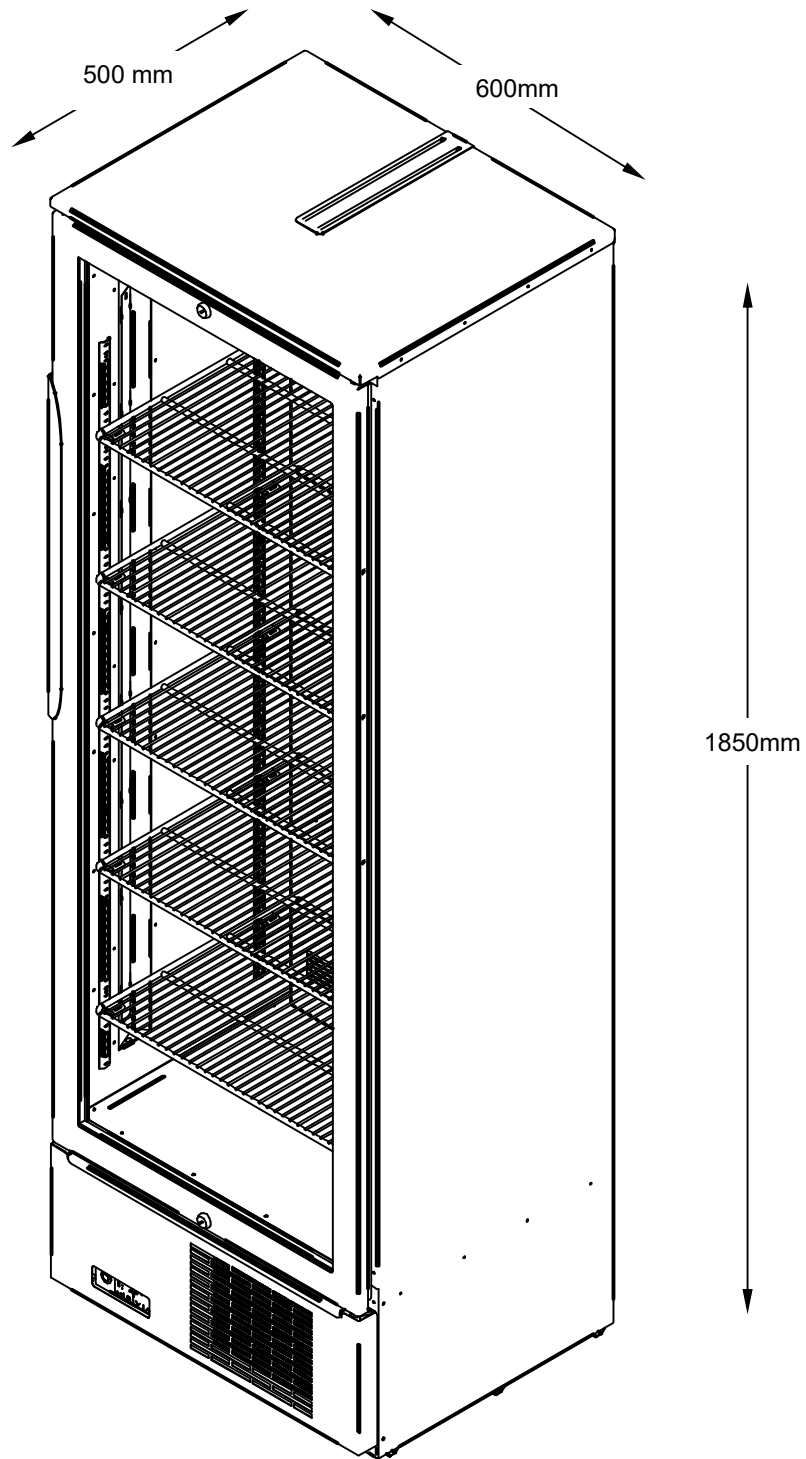
INTRODUCTION

The Mistral M60, M90 and M135 are back-bar or under-bar refrigerators designed for the cooling and storage of beverages.

The following quantity of beverage bottles/mixers can be held in each unit:

Bottle Cooler	Capacity (330ml Bottles / 150ml mixer cans)
TC60 (1850h x 600w x 500d)	272

Mistral Dimensions:



INSTALLATION

For the Installer

These Instructions contain important information designed to help the user obtain the maximum benefit from their investment in a Lincat/IMC Mistral Bottle Cooler.

Please read them carefully before starting work, and consult with the supplier in the event of any queries.

Be sure to leave this Instruction Manual with the user after installation of the machine is complete.

Procedure



WARNING

The following table shows the weight and the minimum quantity of people required to lift each unit:

Bottle Cooler	Net Weight	Quantity of People
TC60 (all variants)	87 kg (max)	4

Install the unit on a flat and level floor.

Ensure a minimum 40mm clearance at the back of the unit.

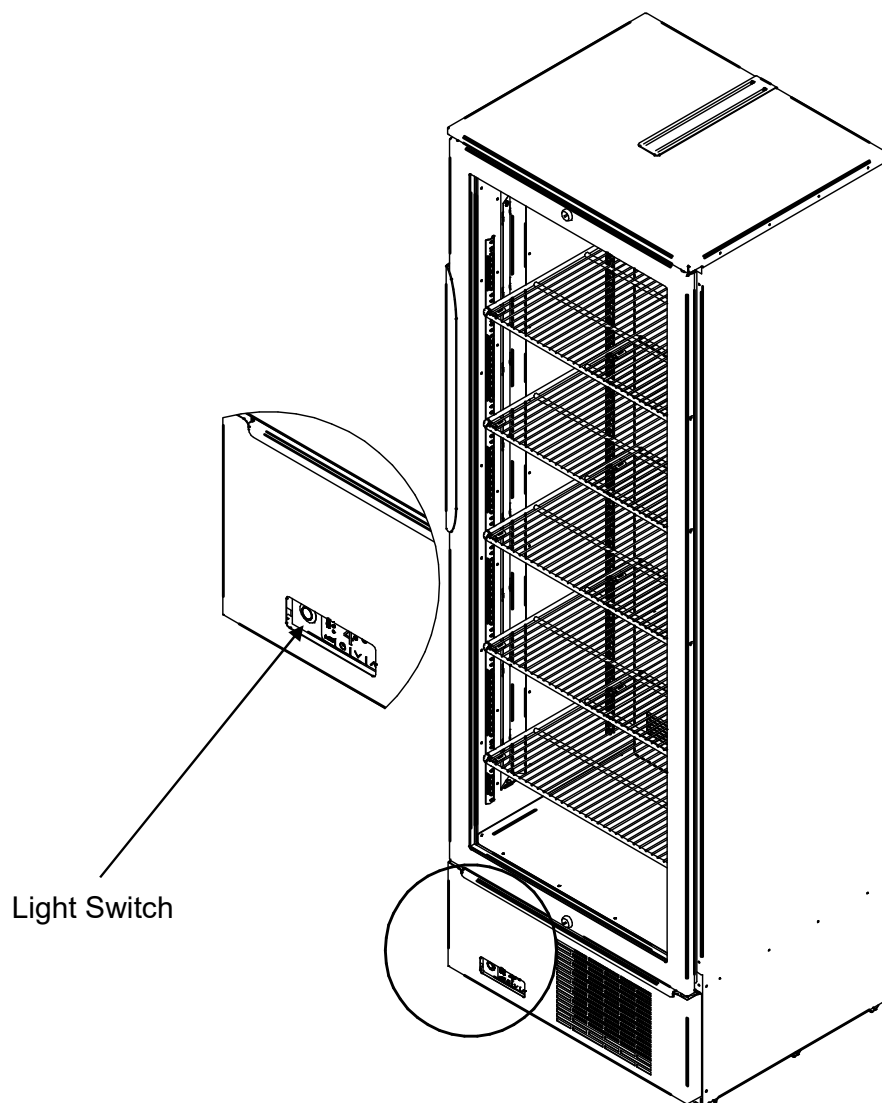
Do not install the unit close to a heat source such as a radiator or a warm air outlet. Ensure that the unit is standing level by adjusting the feet on the base of the unit.

The unit has an automatic defrost cycle and evaporates all the condensate water without the need for a drainage system.

TURNING LED LIGHTS ON-OFF

The cabinet is illuminated by a LED light unit, this light can be turned on or off by depressing the switch that is located on the plinth next to the digital controller.

When the switch is flush the lights are on.

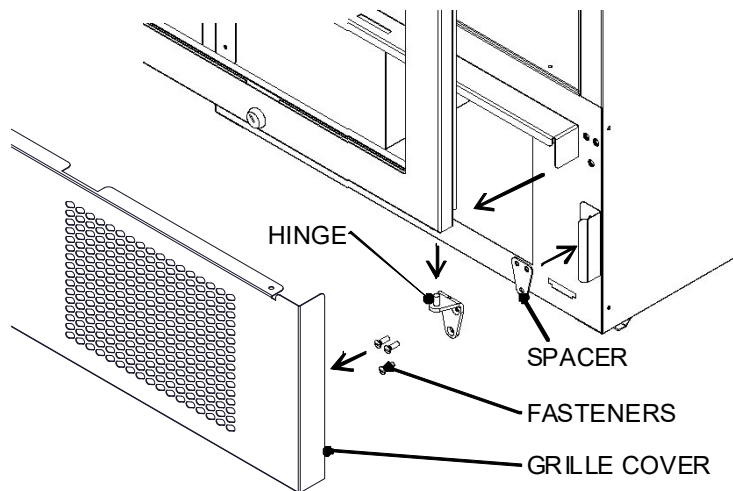


REVERSING DIRECTION OF DOOR

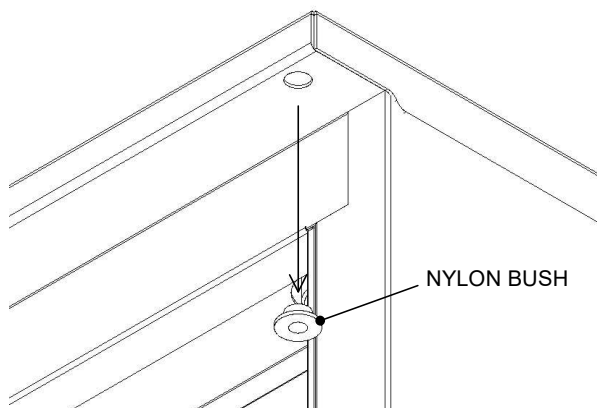
On delivery the door of the Mistral TC60 is hinged on the right hand side of the cabinet. However, it is possible to move the hinge to the other side of the cabinet by following the steps below.

To change the TC60 door:

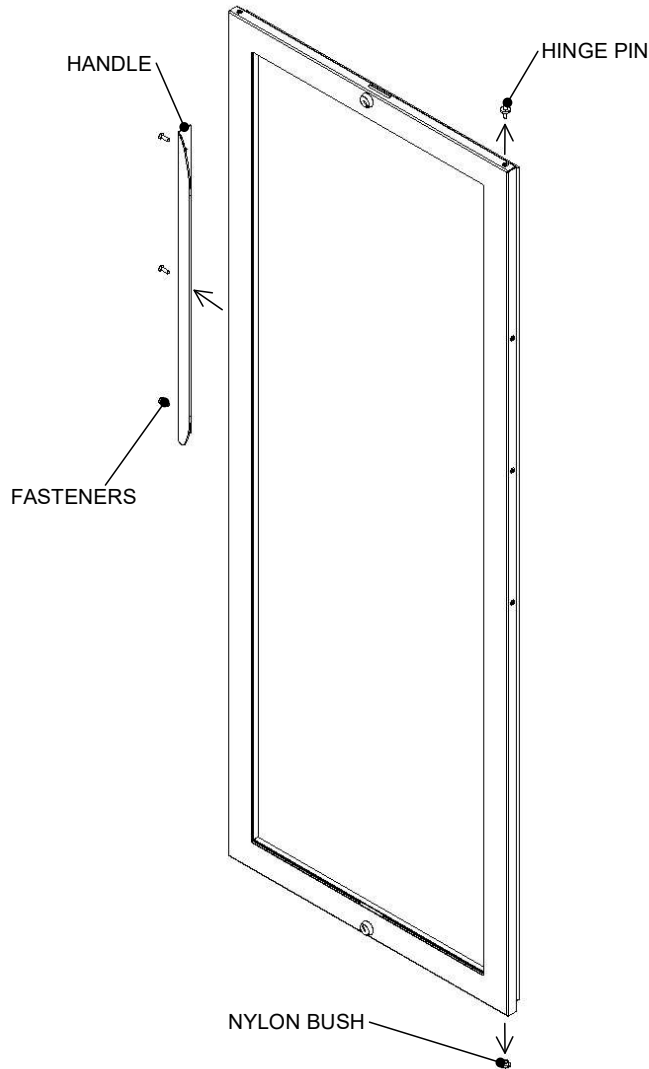
- Remove the grille cover by moving the cover upwards and then unhooking the lugs from the bottom of the cabinet.
- Hold the door in its closed position to prevent the door from dropping when the hinge fixings are removed.
- Unscrew the hinge fixings.
- Remove the hinge and triangular spacer.
- Place the door on the ground.



- Remove the Nylon bush which is located on the underside of the worktop and push it into the hole on the left hand side.



- Unscrew the fixings retaining the door handle and the hinge pin.
- Remove the door handle.
- Refit the door handle on the right hand side of the door and screw in the handle fasteners.
- Apply one drop of Loctite Studlock 270 to the hinge pin thread.
- Refit hinge pin on the left hand side of the door.
- Remove the Nylon bush which is located on the underside of the door and push it into the hole on the left hand side.



- Refit the door making sure the hinge pin is inserted into the nylon bush which is in the worktop.
- Refit the hinge and screw in the fasteners making sure the triangular spacer is clamped between the hinge and the cabinet.
- Refit the grille cover as described at the beginning of this section.

ELECTRICITY SUPPLY CONNECTION

Position the unit in the chosen site. The electricity supply connection should be made to a power outlet socket or isolator mounted on the wall close to the machine. This socket or isolator must be accessible once the machine is installed. Before connecting, check that the voltage shown on the rating label is correct for the electricity supply you have available. If the plug does not fit your sockets or a longer lead is required, changes must be made by an approved electrician.

NOTE: The plug is fitted with a 10amp fuse.

The plug fuse cover must be refitted when changing the fuse. In the event of losing the fuse cover the plug must NOT be used until a replacement fuse cover has been obtained and fitted or the plug replaced.

WARNING: This machine must be earthed

Should the supply cord become damaged then a replacement must be fitted by an approved electrician. The IET Codes of Practice must be observed.

The wires in the mains lead are coloured in accordance with the following code:

Green and yellow	Earth
Blue	Neutral
Brown	Live

COMMISSIONING

Before using a bottle cooler for the first time, the interior should be wiped out with a clean damp cloth.

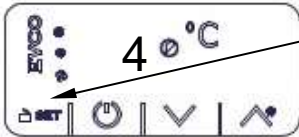
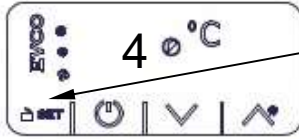
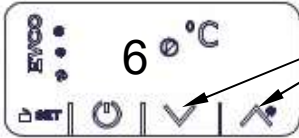

Allow the machine to stand for 1 hour to allow the refrigerant to settle. Plug in and switch on at the wall socket. There is no separate switch to turn on the machine. The compressor will start running less than one minute after the supply is switched on.

Check that the light is working, and check the switch is operating correctly.

Run the unit empty, and check that cold air is being circulated within the cabinet.

CHANGING THE CONTROLLER SET POINT

The electronic temperature controller is factory set to 4°C and will cycle the air temperature between 2°C and 6°C. The set point can be adjusted between 0°C and 18°C by following the button sequence below:

-  Press SET the current SET Point will be displayed, if Loc is displayed then the controller is locked, to unlock press and hold the SET button for 3 seconds, UnL will then be displayed.
-  Press SET button and the current set point temperature will be displayed.
-  Use the UP and DOWN buttons, to scroll to the desired set point temperature (min 0°C, max 10°C).
-  Press SET button to accept.
Then press stand-by button to esc. Display will revert back to current internal air temperature.

USING YOUR BOTTLE COOLER

This unit is for cooling bottles and cans only. Do not load the cabinet with boxed goods as this prevents air circulation and the goods will not cool down as quickly. While loading ensure that the interior grilles are not obstructed by the bottles.

Do not place hot or warm goods in the cabinet. Only goods at room temperature or less should be placed in the unit, otherwise performance will be affected. It is recommended that the cabinet is stocked after closing at night or first thing in the morning to allow time for the bottles to cool. Ensure that stock is rotated by placing new stock at the back of shelves or in one side of the cabinet to ensure that colder bottles are served first.

Do not leave the doors open when the unit is running as this causes the evaporator to ice up, preventing the unit from operating efficiently.

Ensure that the front grille is always unobstructed.

CLEANING

Clean doors and surfaces as required, occasionally remove all merchandise and clean interior surfaces with a clean damp cloth.

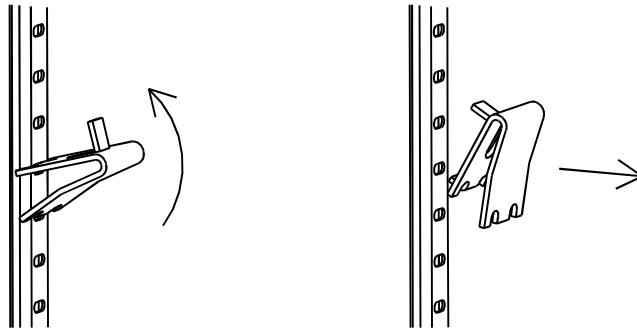
DO NOT USE CLEANING MATERIALS CONTAINING ABRASIVES OR BLEACHES.

In the case of heavy soiling use a mild liquid detergent. The unit can be washed on the inside using bicarbonate of soda to remove stale smells.

CHANGING SHELF POSITION

The shelves in all Mistral units are fully adjustable. To adjust the shelves:

- Remove the shelf.
- Unclip the shelf supports as shown below.



- Hook the shelf supports in the required location.
- Ensure all shelf supports are at the same height for a level shelf. The support strips are numbered to aid positioning.
- Replace the shelf.

Extra shelves are available from Lincat/IMC.

MAINTENANCE

Warning



Never service, repair or troubleshoot a unit unless you are a professional air conditioning / refrigeration service person. Improper servicing can lead to serious injury or death from fire, electric shock or explosion.

Remove the front grille cover. Clean the compressor coil with a brush and vacuum cleaner every three months or when dirty (whichever is sooner). Replace the grille cover.

Other than regular cleaning the unit requires no maintenance by the end user. It is recommended that the unit is serviced by a Lincat/IMC approved engineer at least once a year.

Details of IMC Service Contracts are available on application.

DO'S AND DON'TS

- Do** Install on a level surface.
- Do** Ensure plug is accessible with the unit installed.
- Do** Regularly clean the condenser and compressor.
- Do** Rotate stock of bottles.

- Don't** Sit or stand on the unit worktop.
- Don't** Load with boxed goods.
- Don't** Leave the doors open.
- Don't** Cover the shelves with any protective materials which may obstruct air circulation through them.
- Don't** Install unit in direct sunlight.
- Don't** Block the air inlet grilles.
- Don't** Store food in the unit.
- Don't** Place hot or warm goods in the unit.
- Don't** Use the unit outside.
- Don't** Use mechanical devices to accelerate the defrosting process.
- Don't** Use electrical appliances inside the storage area, unless they are recommended by the manufacturer.
- Don't** Store explosive substances such as aerosol cans with flammable propellant in the appliance.

END OF LIFE DISPOSAL

At the end of its useful life the unit must be disposed of correctly and safely, to meet the requirements of EU legislation regarding the recovery of ozone depleting substances. The unit must be sent to a specialist recovery, recycling and disposal site that is licensed for the disposal of refrigerated equipment. Please note that the insulation in the Mistral range does not contain any ozone depleting substances. The refrigerant used in the Mistral M60, M90 and M135 is R290a.



Warning

The refrigerant used in this Bottle Cooler is R290a and is Flammable

MATERIAL CONTENT

The Mistral units may contain a combination of the following materials;

Metals	Stainless Steel, Mild Steel (Inc. Nickel Plated, Chrome Plated & Zinc Plated), Aluminium and Copper.
Plastics & Rubber	PVC, Nylon, Polypropylene, Polycarbonate, Polyester, Acetate, Neoprene Rubber and Silicone Rubber.
Insulation	Polystyrene, Polyurethane Foam.
Oils & Gases	Ester oil, Refrigerant R290a.
Other	Glass, Magnesium Oxide, electronic components.

SPARE PARTS LIST

Mistral TC60

Part No	Description
A11/264	Door Gasket
A12/055	Pilaster Strip
A12/041 Z1	Shelf
A12/082	Wine Shelf
A12/036	Shelf Clip (4 per shelf)
A21/011	Lock, clip & keys
G30/550	Electronic Controller
G60/348	Mains Cable
G60/349	Mains cable EU plug
S77/220	Refrigeration Pack
S67/097	Door assembly
S77/156	Door assembly full height
E67/154	Door handle
J09/046	Condenser
J09/027	Evaporator
DR16	Service Drier
S/R0100 (1.0mtr)	Capillary TC60
G42/066	Compressor
G96/049	Evaporator Fan
G50/122	LED strip
G30/544	Transformer
G45/175	Light switch
A11/264	Door Gasket

ORDERING SPARE PARTS

In the event that spare parts or accessories need to be ordered, please always quote the SERIES AND SERIAL NUMBER of the machine. This is to be found on the rating plate located near the supply cable.

For installations outside the UK please contact your supplier.

For information on IMC spares and service support (if applicable), please call Lincat on +44 (0) 1522 875520. Alternatively, contact us via email:

Lincat Spares Desk E-mail: spares@Lincat.co.uk

Lincat Service Desk E-mail: service@Lincat.co.uk

Lincat Limited

Whisby Road,
Lincoln, LN6 3QZ,
United Kingdom

Tel: +44 (0)1522 875500

E-mail: info@Lincat.co.uk
Website: www.Lincat.co.uk

FURTHER INFORMATION

[HTTPS://LINCAT.CO.UK/BRANDS/IMC](https://Lincat.co.uk/brands/imc)

<https://www.youtube.com/watch?v=1hSfEPKi-fg>