

BARCOOLER ISLAND



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**INSTALLATION, OPERATING AND MAINTENANCE MANUAL
PLEASE LEAVE WITH OPERATOR**



BARCOOLER ISLAND – SERIES 2

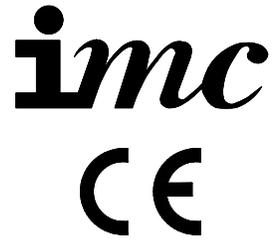
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A34/017 R3

ECN 8414 November 2015

EC DECLARATION OF CONFORMITY

(Guarantee of Production Quality)



We, Imperial Machine Company Limited of:
Unit 1, Abbey Road, Wrexham Industrial Estate, Wrexham, LL13 9RF
Declare under our sole responsibility that the machine

BARCOOLER – SERIES 2

As described in the attached technical documentation is in conformity with the Machine Safety Directive 98/37 EEC (formerly 89/392/EEC revised by 98/44/EEC and 93/68/EEC) and is manufactured under a quality system EN 29001. It is also in conformity with the protection requirements of the Electro Magnetic Compatibility Directive 89/336/EEC and is manufactured in accordance with harmonised standards EN 50-081-2 Generic Emission and EN 50-082-2 Generic Immunity (plus product specific standards). It also satisfies the essential requirements of the Low Voltage Directive 73/23/EEC amended by 93/68/EEC.

Approved by E.Plumb, Engineering Manager

A handwritten signature in black ink, appearing to read 'E. Plumb', is written over a horizontal line.

Signed at Wrexham, Date : November 2015

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INTRODUCTION

Barcooler Island is a modular refrigerator for use in island layout bars designed for the cooling and storage of beverages suitable to be served at a temperature of between 4°C and 12°C, depending upon the ambient. The modules allow access to drinks from both sides.

There are two types of Barcooler Island modules:

1. Refrigeration module, which comes with two end panels.
2. Add-on modules, which are available as glass door, solid door modules.

All modules come in a choice of stainless steel or black finish. All wiring is pre-cut and terminates to connectors where appropriate to allow for modular construction.

GUARANTEE

This equipment is guaranteed by IMC for twelve months from the date of its purchase from 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 purchasers. 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.

Please observe these instructions carefully.

This guarantee applies in this form to installations within the United Kingdom only. Contact your Barcooler supplier first if you require warranty work.

DELIVERY

The packaged modules consists of:

Module type	
Refrigeration module	2 end panels, 8mm Allen Key and Instruction manual
Door module	4 keys, 2 shelves, 8 clips, 8mm Allen Key and Instruction manual

Please notify both the carrier and the supplier within three days of receipt if anything is missing or damaged.

BARCOOLER ISLAND DIMENSIONS

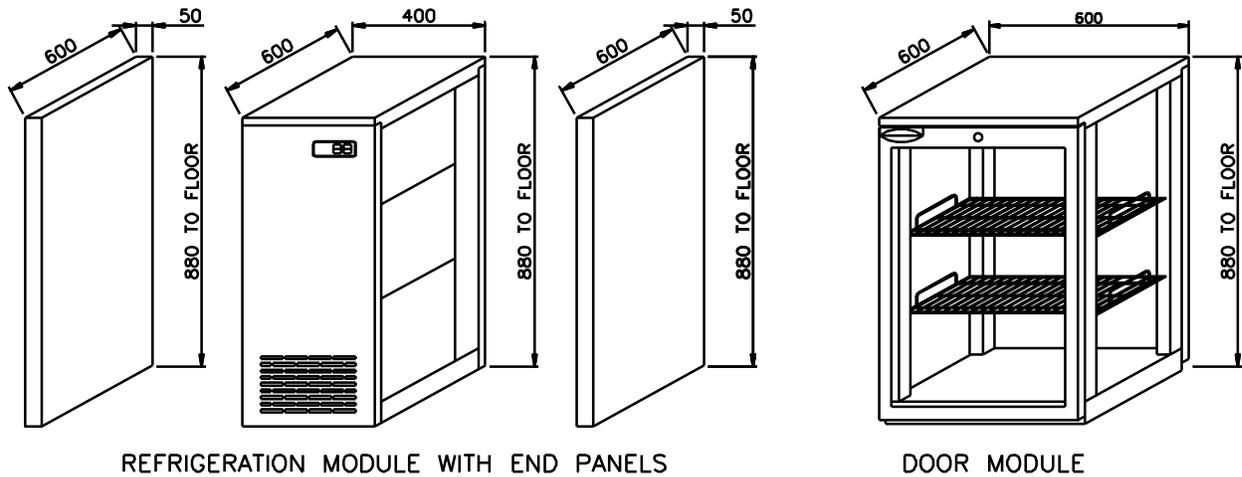


Figure 1 – Barcooler Dimensions

The internal dimensions of the Barcooler Island door module are:

Width	410mm
Depth	530mm
Height	775mm

INSTALLATION

For the Installer:

These Instructions contain important information designed to help the user obtain the maximum benefit from the investment in an IMC Barcooler Island.

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 the installation of the unit is complete.

Procedure:

Installation of Barcooler island should be undertaken by a recommended IMC distributor. IMC can not accept liability for damage caused either by misapplication of this equipment or where installation or operation is not in accordance with the instructions in this booklet.

Having unpacked the modules, arrange them in the order in which they are to be assembled, and decide on which way the doors are to open.

NOTE The refrigeration module must be placed at the centre of the run with a maximum of two Add on modules on both sides.

Reversing the Opening Direction of Cabinet Doors

Remove the two cabinet support channels on the base of the cabinet.

Remove the doors.

Remove the door handle and hinge pins from the door(s) to be reversed.

Refit the handle and hinge pins onto the other side of the door, use Loctite Studlock to secure the hinge pins.

Prise out the hinge bush from the underside of the worktop and fit to the other side.

Relocate the door in the hinge bush.

Refit the two cabinet support channels.

Assembling Modules

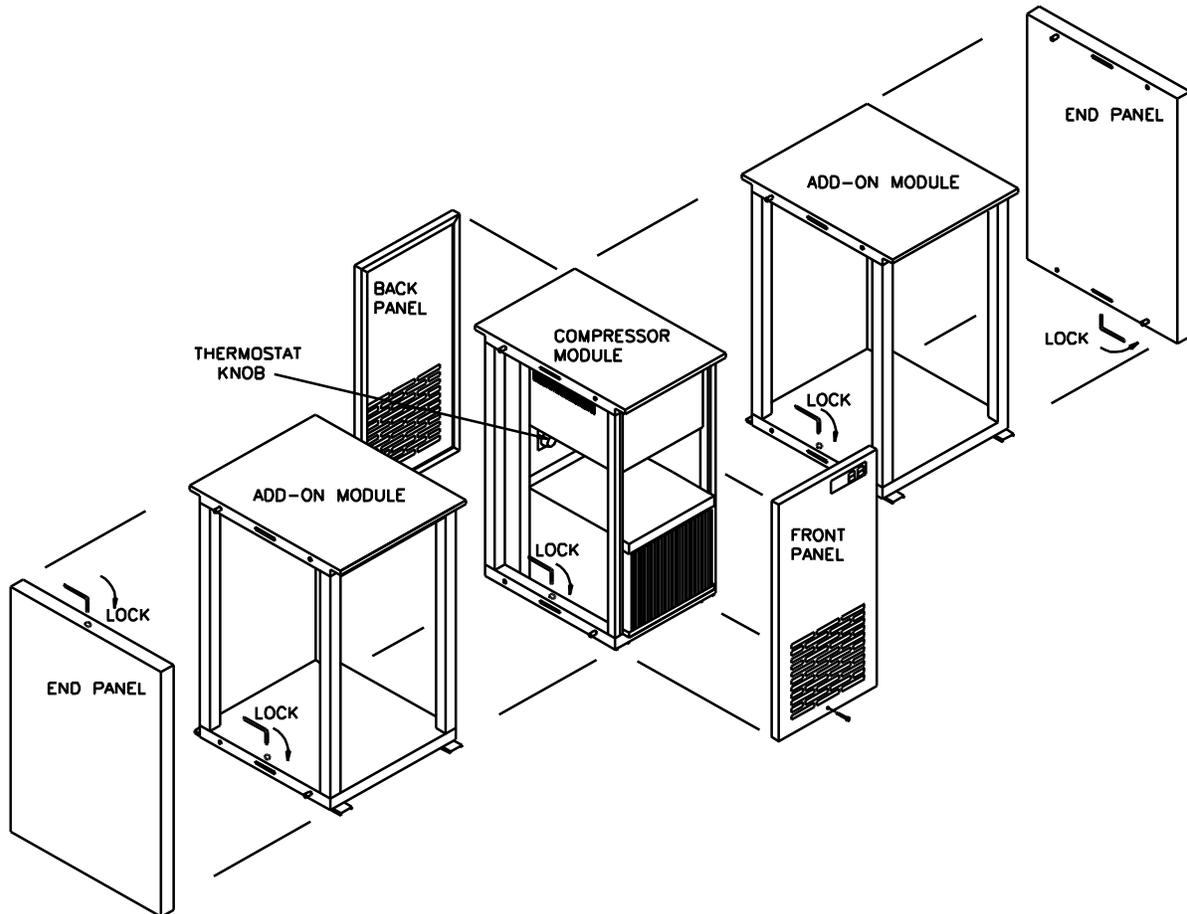


Figure 2 - Barcooler Island Assembly

The modules are joined together with camlocks located at the bottom and top of the cabinets. All internal locks lock clockwise. It is important that these camlocks are turned fully back before locking units together otherwise the locking mechanism may not engage fully with the adjacent module. An 8mm Allen key is provided to fasten these locks.

To ensure positive alignment, the cabinets have dowels that engage in holes in the adjacent cabinet or end panel. **NOTE: the right hand end panel must be fitted first as the bottom camlock is located on the underside of the end panel.**

Ensure all wires are free from being trapped or damaged. Make the electrical connection between the units by connecting the plugs and sockets at the top of each module. It will be necessary to remove the blank plug ends to do this.

All modules are fitted with adjustable feet at the front to level the units after joining together.



WARNING: DO NOT REMOVE THE PLUG END FROM THE FINAL PLUG AT EACH END AS THIS EXPOSES LIVE CONTACTS

Where more than one refrigeration module is used in a continuous run each compressor module MUST be supplied separately from the mains. A maximum of one refrigeration module and four Add-on modules (2 each side) should be run off each mains supply. The lighting circuit MUST NOT be connected between compressor modules, as these must be isolated electrically from each other.



WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS COULD LEAD TO MAINS PLUG PINS BEING LIVE WHEN NOT CONNECTED INTO THE WALL SOCKET

Install the assembled modules on a flat and level floor. It is important not to obstruct the airflow at the front inlet and rear outlet of the refrigeration module. The ambient temperature should not exceed 30°C for efficient working of the compressor. Do not install the unit close to a heat source such as a radiator or the warm air outlet of another piece of refrigeration equipment.

The electrical supply to the modules should be 230 Volt, 1 phase, 50 Hz. The supply lead comes out of the base of the Refrigeration modules should be connected to a plug fitted with a 5A fuse. This should be plugged into a standard mains socket. Ensure that the lead is run from the Barcooler Island to the socket where it cannot be trodden on or cause a trip hazard.



WARNING: THIS MACHINE MUST BE EARTHED

PREPARATION / OPERATION

- 1 Plug in and switch on at the mains.
- 2 Check both refrigeration front panel switches operate. The mains 'POWER' switch controls all power to the unit, so that the lights will only operate if the mains switch is on. Switch on 'POWER' switch at the front of the unit, and then switch on the 'LIGHT' switch. Check that all lights are working and that the thermostat is set to 5. If lights are still not lit, then check the ON/OFF switch located on the body of the fluorescent light(s) itself.
- 3 Run the units completely empty, with the doors shut and check temperature at 5, 10 and 30 minutes. The temperature should stabilise at between 4°C and 12°C, depending upon the ambient.
- 4 The temperature can be adjusted using the internal thermostat. Turn the knob clockwise to reduce the internal temperature, anticlockwise to increase it. Do not set higher than 5, as this will cause the evaporator to freeze up.
- 5 Leave the units to run for 2 hours before loading with merchandise so that all internal parts reach the correct operating temperature.
- 6 Load the cabinet with cans and/or bottles. Do not obstruct the grill at the bottom of the cabinet.
- 7 When the unit is not going to be used for several weeks, run it for 24 hours after emptying, to ensure that all condensate water evaporates.
- 8 Extra shelves and special shelves for the storage of wine bottles are available from IMC.

MAKING THE BEST USE OF THE CABINETS

DO NOT OVERLOAD THE CABINET. There should be a gap of at least **40mm** above the merchandise on the top shelf, and merchandise should be spaced to allow the circulation of cooled air throughout the cabinet. Do not load the cabinet with boxed goods as this prevents air circulation.

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.

DO NOT run unit with doors open, as this will cause the evaporator to ice up preventing the unit from working efficiently.

Ensure the front grilles are always unobstructed.

Clean doors and the surfaces, and occasionally remove all merchandise and clean interior surfaces with a damp soft 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.

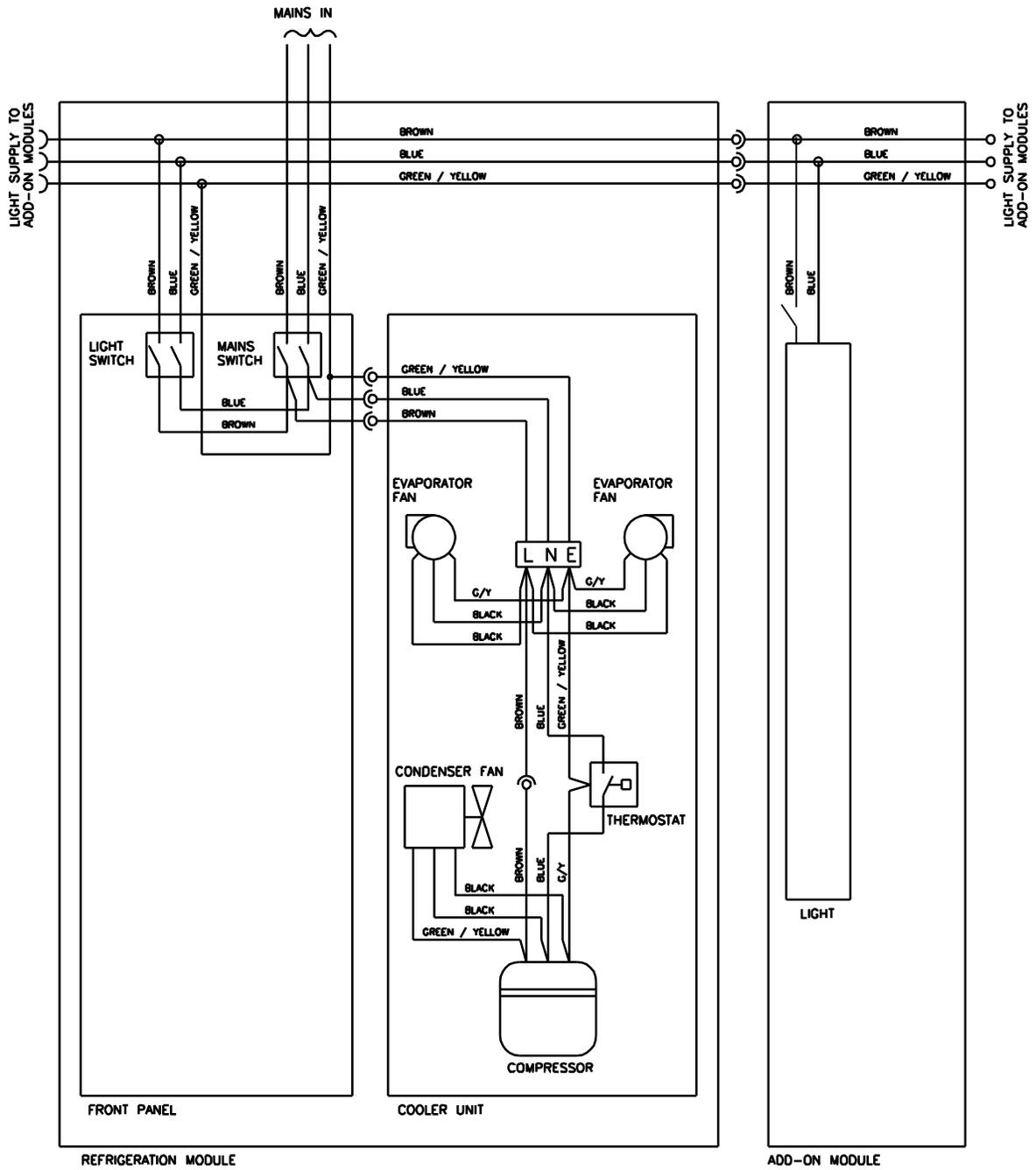
MAINTENANCE

Undo the screw securing the refrigeration module front panel and remove the panel . Clean the compressor coil with a brush and vacuum cleaner every month or when dirty (whichever is sooner). Replace the front panel.

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

For further advice or assistance, contact the supplier of your cabinet.

WIRING DIAGRAM



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 IMC on +44 (0)1978 661155. Alternatively, contact us via email or fax:

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