

DECOMMISSIONING YOUR FREEZER ENGINEERING GUIDE

During this uncertain period, there are key measures that can be taken to help ensure your refrigeration equipment is protected and aid its smooth operation when safe to use again in the future.

When performing these tasks please refer to the Williams Operating Manuals for your appliance. These, along with our useful 'How To Prolong the life of your refrigerator' video can be found online giving further details of key preventative maintenance practices.
www.williams-refrigeration.co.uk/videos

FREEZER DECOMMISSIONING

— USER GUIDANCE / — ELECTRICAL SAFETY / — ENGINEERING ADVICE

After disconnecting the mains supply open the door to allow expedient defrost and allow to return to room temperature, before removing internal fittings. During and at the end of this process the freezers condensate vaporiser tray (if not connected to a drain) needs to be emptied so it does not overflow.

If you cannot gain access to this you need to contact a competent refrigeration engineer to ensure that there is no condensate water left within the vaporiser tray in to minimise the risks that may come from stagnant water being left over a long period of time.

-  Make sure your appliance is empty of all foodstuffs.
-  If the refrigerator has a mains 'on/off' or standby switch mounted on the controller or user interface, switch this to the 'off' or 'standby' position.
-  Locate the mains electrical connection point of the appliance.
-  Switch off the appliance at the point of connection, i.e. socket outlet or switch fused connection.
-  If the refrigerator is supplied via a plug top and socket outlet, remove the plug top from the socket outlet.
-  Check there is no visible damage to the mains lead cable or plug top, such as a cracked plug top, bent pins, severed or crushed mains lead cable.
-  If there is damage to the power cable or plug, this will pose an electrical safety risk when next connected to the electrical supply. Call a competent service engineer to replace the electrical cable with one which is approved by Williams.
-  Safely position the power cable and plug so it does not become damaged or cause further damage to any of the refrigeration pipe work, etc.
-  Remove internal racking, trayslides and shelves and thoroughly clean.
-  Check the door/drawer gaskets are not damaged and are clean. If they are cracked or split replace with a genuine gasket supplied from Williams.
-  Clean and dry the interior walls and base of the product referring to our guidelines.
-  Replace all internal fittings.
-  Leave the door slightly ajar using an empty cardboard box or similar (Williams doors are self-closing for energy efficiency).
-  Please take the opportunity to thoroughly clean the exterior of the refrigerator including handles, and the rear of the refrigerator where dirt and food debris may have accumulated.
-  Wipe the cabinet's feet and/or castors.
-  The condensate tray needs to be emptied if not connected to a permanent drain. If the condensate tray is not accessible it is advised that a competent refrigeration engineer is called to ensure that it is emptied to minimise the risks that may come from stagnant water being left over a long period of time.
-  It is also advisable to have a competent refrigeration engineer attend site to clean the condenser before decommissioning or on re-commissioning the appliance.
-  Label the appliance as having been decommissioned/removed from service.
-  Don't store boxes or other objects on top of the appliance.

RETURNING THE FREEZER BACK TO SERVICE

ENGINEERING GUIDE

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BACK TO SERVICE GUIDE

USER GUIDANCE / ELECTRICAL SAFETY / ENGINEERING ADVICE

- Re-clean and dry the interior walls, base and internal fittings.
- Close the door(s) of the appliance.
- It is advised that the equipment is portable appliance tested (PAT) prior to returning the equipment back to service.
- Ensure there is no damage to the mains lead cable or plug top prior to connecting to the mains power supply.
- The appliance should be connected to an RCD (electrical safety device). Ensure the RCD is operating correctly by pressing the 'test' button. This should cause it to switch off. If it does not, contact a competent service engineer to investigate.
- Monitor and make sure the appliance pulls down to temperature. If any problems occur call your local service engineer.

CLEANING THE REFRIGERATOR CONDENSER

- The condenser is an important part of the refrigeration system. The condenser will work less efficiently if it is obstructed with any objects, therefore, it must be cleaned at least once a month. Failure to maintain it will also invalidate the warranty, impede performance and shorten the life of the equipment.

Before cleaning the condenser switch off the appliance, disconnect the power cable and proceed as follows:

Counter and display refrigeration: open the control panel by slackening the screws and gently pulling down on its hinges or away from the cabinet. Be careful not to display wires or switches.

Top-mounted unit: for units with fixed upper front panel, use a safe step ladder for direct access to the condenser located at the top of the appliance.

Take care not to trap wires when replacing control panels.

Use an air jet or a dry brush and, working with up and down movements, remove any dust or fluff that has deposited on the heat exchanger fins. An upholstery brush attached to a vacuum cleaner nozzle is ideal. In case of greasy deposits, use a brush soaked in benzene or alcohol.

During this operation, it is advisable to use the following personal safety features: safety glasses, dust mask, chemical resistant gloves when using benzene or alcohol.

Start the appliance after cleaning and check that the cabinet is operating effectively.