

ANNUAL PREVENTATIVE MAINTENANCE GUIDELINES

FOR QUALIFIED REFRIGERATION AND ELECTRICAL TECHNICIANS

APPLICABLE FOR THE FOLLOWING **McDONALD'S** CABINETS:

McDonald's Horizontal Split Refrigerated R513A In-Counter/Freestanding Fixed Front Cabinets



IL-MD-600-REF-SQ-A001
IL-MD-600-REF-SQ-A002
IL-MD-900-REF-SQ-A001
IL-MD-900-REF-SQ-A002

FPG McDonald's food display cabinets require preventative maintenance annually **by a qualified refrigeration service technician or electrical technician for heated cabinets.**

Technicians, please:

1. Complete all servicing tasks - we recommend in the order they are listed.
2. Record all servicing.
 - a. Take photos for each task listed as part of the service record.

3. Contact **FPG TECHNICAL SUPPORT** and supply photos if a lack of maintenance is evident:

EMAIL: support@fpgworld.com

PHONE: NEW ZEALAND 0800 367 374

AUSTRALIA 1800 813 745

INTERNATIONAL +64 6 843 3249

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TOOLS

1. Technician supplied tools
2. Wet/dry vacuum cleaner



1. CHECK CABINET TEMPERATURES

Use a thermometer to check that the cabinet operating temperature conforms to the specification figures in the FPG Product Manual.

Place the thermometer on the lower shelf, and allow time for the reading to stabilise.



2. EMPTY THE CABINET

Remove all merchandise from cabinet.

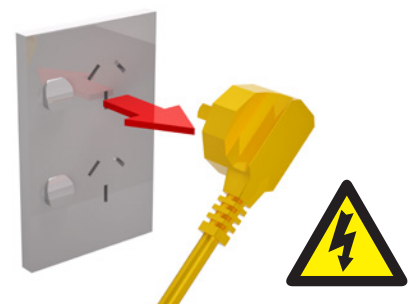
Place chilled items in suitable cold storage while servicing the cabinet.



3. SWITCH OFF MAINS ELECTRICITY

Isolate equipment before commencing.

Switch off the power supply and unplug cabinet.



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4. CHECK AIR CIRCULATION FAN

Remove base trays and inserts to access the fan deck.

Remove the fixing screws to lift the deck, and check that the fan runs freely.



5. CHECK PROBE POSITIONS

Lift the fan deck to check correct positions of temperature probes on the coil.

One probe should be in free air, and the other between the fins of the coil.



6. REMOVE LOUVRE PANEL

Use a 5mm Allen key to remove the louvre panel.



7. CLEAN RADIATOR

Use a vacuum cleaner to remove dust and fluff from the inlet side of the condenser radiator.

Use a brush and cleaning spray to dislodge any blockages.

Take care not to bend the radiator fins.



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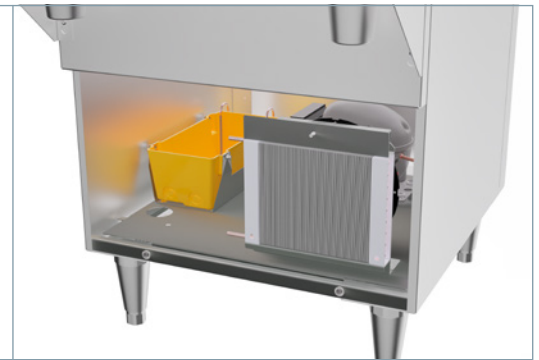
8. CLEAN COMPRESSOR

Use a vacuum cleaner to remove dust and fluff from the compressor.



9. CLEAN ACR TRAY

Clean any debris from the Auto Condensate Removal tray.



10. CHECK CONTROL GEAR

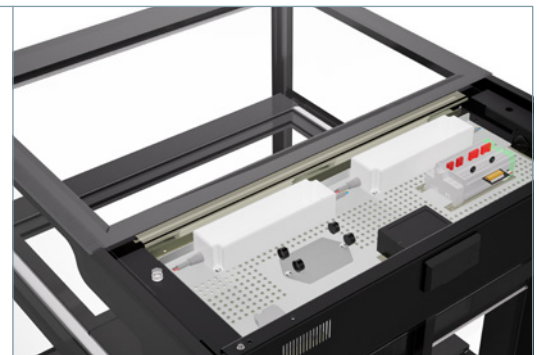
Remove top cover to access the control gear. Vacuum away any debris and check for deterioration.



11. INSPECT FOR FAULTS

Before re-assembling the cabinet, inspect the refrigeration equipment and wiring for signs of faults or deterioration.

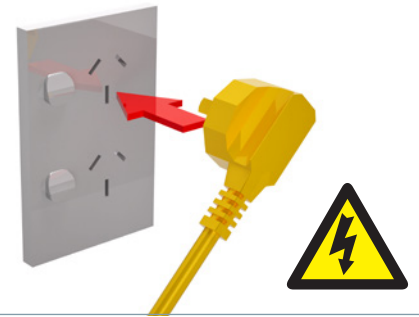
Re-assemble the cabinet.



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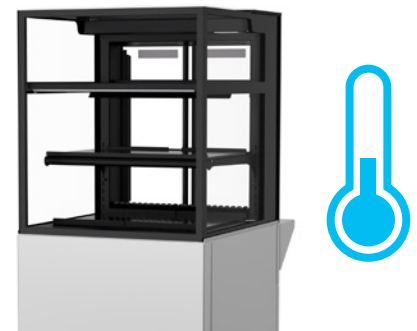
12. SWITCH ON MAINS ELECTRICITY

Reconnect the power supply and switch on the cabinet.



13. CHECK OPERATION

After re-assembling the cabinet, check for satisfactory cooling performance.



14. CHECK OPERATING TEMPERATURE

After the cabinet temperature has stabilised, check the temperature in the lower section is within the specified limits in the FPG Product Manual.

