

OPERATING AND MAINTENANCE INFORMATION

WALK-IN REFRIGERATORS AND FREEZERS

Chrysler & Koppin walk-in refrigerators and freezers are fabricated with quality materials and reflect over 125 years of design, engineering and manufacturing experience, therefore, only minimum maintenance as noted below should be necessary.

Cleaning - All metal, painted, and plastic panel finishes should be cleaned with a mild detergent and soft cloth.

Transparent plastic doors should be cleaned with a mild detergent or domestic liquid glass cleaner using a soft damp cloth or chamois. CAUTION: Plastic can be easily scratched by using a coarse rag or an abrasive cleaner.

Quarry tile floors of refrigerators (not freezers) should be periodically mopped. Stains and grout residue can be removed by using a mixture of 1 part muriatic acid to 9 parts water. (Use a non-metallic container and rubber gloves when applying muriatic acid mixture.)

Hardware - Hardware may require adjustment with use. Periodic application of light oil or lubricating jelly on moving parts of hinges and fasteners is recommended. Do not use oil on plastic components. If doors are fitted with positive action fasteners, strike portion of the fastener may require period adjustment.

Dial Thermometers - Dial thermometers are vapor tension activated and adjustable. If calibration is necessary, remove acrylic cover. To lower indicating temperature place left index finger at wide end of pointer, but close to hub. Insert screwdriver in pointer slot and turn slowly clockwise. Adjust to proper setting. Turn counter-clockwise to adjust for higher indicating temperature settings.

Heating Elements - Freezer doors and some refrigerator doors are equipped with a perimeter heating element to minimize condensation and frost. Elements may be controlled by a combination disconnect and control switch located over the door. Door frame heat can be increased by turning the knob to the right. NOTE: If freezers are not in service, door frame heating element should also be turned off.

Lights - It is recommended that 100 watt heavy service light bulbs be used in the vapor-proof light fixtures. If condensation should collect in the protective globe of ceiling light fixtures, it is an indication that the electrical conduit penetrating the ceiling panels has not been properly sealed by the electrical contractor.

Surface Condensation - Refrigerators and freezers installed in new buildings may have a tendency to reveal condensation at panel splices, door frames, vision panels, etc. The condition will normally disappear over several days when the inherent moisture in new building construction is dissipated by controlled air handling systems or building heat. Also condensation on partitions in dual temperature units is normal and does not indicate faulty insulation or assembly.

Vents - Many refrigerator and all freezer compartments are fitted with a pressure relief vent in a wall panel. Freezer vents are heated and should be inspected on a regular basis to remove any debris or ice that may accumulate.

Temperature Alarms - Temperature alarms when furnished are preset to signal when refrigerator temperature rises to approximately 50°F and freezer temperature rises to 20°F. Settings may be adjusted.

Combination Digital Thermometer and Temperature Alarm - This unit is an electronic temperature monitor with alarm providing a constant display of interior temperature. Whenever temperature rises above a pre-determined set point for more than four (4) minutes, the digital display will flash and an audible alarm will be generated. If and when power supply is interrupted the display will go out, but the audible alarm will sound continuously.

Features:

- Audible alarm silence button: Silences onboard audible alarm for approximately 4 or 30 minutes
- Adjustable silence option: Factory set at approximately 4 minutes, cut wire for 30 minute delay

- Adjustable alarm limits: Limits adjustable from -40° to +99°F
- Upon alarm status: a reset button may be depressed to silence the audible alarm for a selected period of time (4 or 30 minutes). Unit will automatically reset once "out of range" temperature conditions are corrected.

To adjust temperature alarm setting, remove cover and locate Switch B at lower right. HL and LL adjustment screws are located at top right.

- 1) Put switch "B" in high limit position and turn HL screen to desired high limit. (Temperature setting indicated on visual display.)
- 2) Put switch "B" in low limit position and turn LL screw to desired low limit.
- 3) Put switch "B" in sensor indicator mode.

Replacement Parts - To obtain replacement gaskets, hardware, thermometers, light fixtures, contact Chrysler & Koppin Co., 7000 Intervale, Detroit, MI 48238-2498. Phone: 800-441-0038 Email: dkoppin@aol.com

Warranty - All material and workmanship of insulated panels, doors and accessories manufactured by Chrysler & Koppin Company are guaranteed and will be serviced without cost for a period of one year.

Guarantee void if equipment, at our determination, has been subject to abnormal use, excessive operating temperature, been relocated, or not in the possession of the original owner or user.

Refrigeration systems when provided by Chrysler & Koppin Company will be guaranteed and serviced for a period of one year after acceptance without cost. The condensing unit motor compressor shall be warranted for an additional for years.

Note: If maintenance service is required on any refrigeration system, please verify that proper electrical service is being provided to the refrigerator compressor prior to requesting service.