MAINTENANCE GUIDE · ALL AMC WALK-IN COOLERS AND FREEZERS · 6×8 THROUGH 24×24 · REMOTE TWO-PIECE REFRIGERATION

MAINTAINING YOUR AMC WALK-IN COOLER OR FREEZER

WALK-IN MORTUARY COOLER OR FREEZER

Every AMC walk-in mortuary cooler and freezer is a 4-inch foamed-in-place urethane panel box with cam-locking joints, a self-closing insulated door and a remote two-piece refrigeration system: a condensing unit outside the room piped to an evaporator coil inside. The box is simple to keep; the refrigeration is where a few minutes a week prevents the expensive calls. Use this sheet for walk-in coolers holding 34–40°F and walk-in freezers holding at or below 0°F.



AMC 10×10 walk-in mortuary cooler shown. The same panel system, door hardware and remote two-piece refrigeration apply across every AMC walk-in size.

AT A GLANCE

Models covered	All AMC walk-in coolers and freezers, nominal 6×8 through 24×24, including the 6-Body Dual-Door Walk-In (AMC 3x3-S)
Panels	4" foamed-in-place urethane, R-25, tongue-and-groove with cam-action locks
Refrigeration	Remote two-piece system: condensing unit + evaporator, connected and charged on site by a licensed refrigeration contractor
Holding temperature	Coolers 34–40°F · Freezers at or below 0°F, per the setpoint on your quote
Door	Self-closing insulated door with closer, magnetic gasket, interior safety release; optional 110V door heater
Clearance	At least 2" around the box; keep condensing-unit intake and discharge fully open
Monitoring	Digital thermostat; optional HALO remote temperature monitoring

BUILT TO CURRENT DOE AND EPA REQUIREMENTS

AMC walk-in panels are R-25 urethane with self-closing doors, matching the walk-in envelope requirements in DOE 10 CFR 431.306. The remote condensing unit uses the refrigerant shown on its data plate; current systems use EPA-accepted lower-GWP refrigerants, many of them A2L. Under the EPA AIM Act, remote condensing units manufactured from July 27, 2026 must use refrigerants below the applicable GWP limit, and systems holding 15 lb or more of HFC refrigerant fall under the EPA leak-repair rule from January 1, 2026.

DAILY · 2 minutes

- ☐ Read and write down the box temperature (34–40°F for coolers · 0°F or below for freezers). A reading that drifts two days in a row is your earliest warning.
- ☐ Confirm the door closed and latched on its own; check the sweep and the gasket corners for cold air or frost.
- ☐ Listen at the evaporator: fans running smoothly, no rattle, no ice on the coil face. Then check the condensing unit is running normally.
- ☐ Keep product and racks at least 12" from the evaporator so air can circulate; never block the return side.

WEEKLY · 10 minutes

- ☐ Wash the door gasket with warm water and mild detergent, dry it, and look for tears, hardening or a flattened seal.
- ☐ Wipe the interior walls, floor and door with a non-abrasive cleaner; never use chlorides or abrasive pads on the metal skin.
- ☐ Look over the condensing unit: fins free of lint, leaves and debris, intake and discharge fully open, no oil spots at fittings.
- ☐ Check the door closer, hinges and strip curtain; the door must swing shut and latch from any position.

MONTHLY · power off

- ☐ With power off at the disconnect, brush or vacuum the condenser coil fins straight along the fins, inside and out.
- ☐ Flush the evaporator condensate drain line with warm water; confirm it runs clear to the drain and the trap holds water.
- ☐ Test the interior safety release, lights, door heater (if fitted) and any temperature alarm or HALO monitor.
- ☐ Check panel seams and cam-lock covers; tighten any loose closures and reseal gaps with refrigeration-grade sealant.

QUARTERLY · log on page 2

- ☐ Clean the evaporator coil and fan blades inside the box and the condenser coil on the condensing unit with power locked out.
- ☐ Check fan motors for noise, vibration and free rotation; replace a noisy motor before it stops.
- ☐ Compare the controller reading to a calibrated thermometer placed mid-cabinet; note any offset in the log.
- ☐ Inspect the line set, insulation and fittings for oil stains; inspect the disconnect, contactor and wiring for heat discoloration.
- ☐ Record the date, work done, box temperature and signature on page 2. Dated, signed quarterly logs are required for every warranty claim (WR-1.0).

ANNUAL · certified technician

- ☐ Refrigerant charge verified, superheat and subcooling checked, leak check on every joint of the line set and coils.
- ☐ Leak-rate calculation whenever refrigerant is added to a system holding 15 lb or more of HFC refrigerant (40 CFR 84.106).
- ☐ Compressor amps, contactor, capacitors, defrost and fan controls tested; door heaters and drain heaters verified.
- ☐ Technician's report kept with this log: date, findings, parts, refrigerant type and amount added.

KEEP YOUR WARRANTY INTACT

- ■ Dedicated circuit with a surge suppressor for the condensing unit and for door heaters; no shared circuits.
- ■ Room ambient at or below 80°F. Operation above 80°F voids the refrigeration warranty.
- ■ Quarterly maintenance with dated, signed logs is a condition of every warranty claim (WR-1.0).
- ■ Refrigeration connected, charged and started by a licensed refrigeration contractor; keep the start-up report.
- ■ Before calling for service, follow the Remove From Service steps on the tech-support page and have the model and serial number ready.

SCAN FOR THE ONLINE MODEL PAGE, MANUALS & SUPPORT

www.mymortuarycooler.com/collections/walk-in-mortuary-coolers

Parts, service or a question about this checklist: **1-888-792-9315** · service@mymortuarycooler.com · Mon–Fri 9:00–4:30 ET

Tech support hub: www.mymortuarycooler.com/pages/tech-support · Have your model and serial number ready.

KEEP WITH THE UNIT · COPY BEFORE IT IS FULL · DATED, SIGNED QUARTERLY ENTRIES SUPPORT EVERY WARRANTY CLAIM (WR-1.0)

SERVICE & MAINTENANCE RECORDS WALK-IN COOLER OR FREEZER

EQUIPMENT IDENTIFICATION

MODEL / NOMINAL SIZE	SERIAL NUMBER	INSTALL / START-UP DATE	LOCATION / ROOM

INSTALLED BY	REFRIGERANT TYPE & CHARGE (CONDENSING-UNIT DATA PLATE)	DEDICATED CIRCUIT / BREAKER NO.	SETPOINT
			Cooler 34–40°F · Freezer ≤ 0°F

QUARTERLY MAINTENANCE LOG · tick each item completed, record box temperature, sign

DATE	PERFORMED BY	COILS	DRAIN	GASKETS	DOORS-FANS	BOX °F	FINDINGS / PARTS	SIGNATURE
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		☐	☐	☐	☐			
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		☐	☐	☐	☐			
		☐	☐	☐	☐			

SERVICE & REPAIR RECORD · technician visits, warranty calls, refrigerant added

DATE	COMPANY / TECHNICIAN	PROBLEM REPORTED	WORK PERFORMED / PARTS	REFRIGERANT ADDED	SIGNATURE

NOTES · temperature excursions, door-left-open events, alarms, settings changes

Regulatory references: EPA AIM Act Technology Transitions — https://www.epa.gov/hfcs/technology-transitions-hfc-restrictions-sector
EPA leak repair (40 CFR 84.106) — https://www.epa.gov/system/files/documents/2026-01/er-r-fact-sheet-leak-repair-2026-01-13_1.pdf
EPA Section 608 — https://www.epa.gov/section608/stationary-refrigeration-leak-repair-requirements
DOE 10 CFR 431.306 — https://www.ecfr.gov/current/title-10/chapter-II/subchapter-D/part-431/subpart-R/subject-group-ECFR3fd7ee22efc3fa3/section-431.306
AMC tech support — https://www.mymortuarycooler.com/pages/tech-support

Before calling for service: follow the Remove From Service steps on the tech-support page, note the box temperature and any alarm code, and have the model and serial number above ready. 1-888-792-9315 · service@mymortuarycooler.com · www.mymortuarycooler.com/pages/tech-support