AMERICAN MORTUARY COOLERS

Built for Life's Critical Work.

Model 3B · 3BX
Form AMC-OM-3B Rev. A
Last updated January 15, 2026

AMC 3B · 3BX

3-BODY UPRIGHT · STANDARD & EXTRA WIDE

USER MANUAL



AMERICAN MORTUARY COOLERS
140 Kwick Way Lane, Unit 7, Johnson City, TN 37615
1-888-792-9315 · service@mymortuarycooler.com

Scan for the live product page, specs and accessories

PRODUCT OVERVIEW

The AMC 3 Body Upright Mortuary Cooler is a modular, cam-locked insulated cooler for holding the deceased at 34–40°F. Bodies load from the front onto roller tiers, one per tier. It is built by American Mortuary Coolers in Johnson City, Tennessee.

MODELS COVERED

MODEL	WIDTH	DEPTH	HEIGHT	CLEAR WIDTH	TIERS
3B Standard	38″	89″	65″ (72¾″ on casters)	30″	3
3BX Extra Wide	44″	89″	65″ (72¾″ on casters)	36″	3

STANDARD FEATURES

- Insulated modular panels that lock together with cam locks
- Self-contained refrigeration sized for a conditioned indoor room
- Holding range 34–40°F
- Door hinge right- or left-hand, chosen at order
- Panels labeled at the factory; floor plan included
- Built in the USA

INTENDED USE

Short- and medium-term refrigerated holding of human remains in funeral homes, hospitals, medical examiner and coroner facilities, and crematories. Indoor use only.

KEEP THIS MANUAL

Store it with the cooler. Scan the QR code on the cover for the live product page, parts and accessories.

SAFETY & RECEIVING

⚠ WARNING
A hazard that could result in death or serious injury if not avoided.

⚠ CAUTION
A hazard that could result in minor or moderate injury if not avoided.

NOTICE
Information about equipment damage, warranty or proper practice.

BEFORE YOU START

- Installation and service must be done by trained people. Improper use, maintenance or modification can cause injury or damage.
- Read this manual fully before assembly and first use.
- Follow the cleaning and disinfecting steps in this manual to reduce exposure to bloodborne pathogens such as HIV and hepatitis.
- Train every operator, let them practice with the empty cooler, and record the training.

INSPECT ON DELIVERY

- Inspect every crate and panel before signing the delivery receipt.
- Write any damage on the receipt, take photos right away and email them to service@mymortuarycooler.com.
- If concealed damage is found later, keep the packaging and contact the carrier and AMC promptly.
- Check that all components are present and that hardware and cam locks are included.

UNLOADING & HANDLING

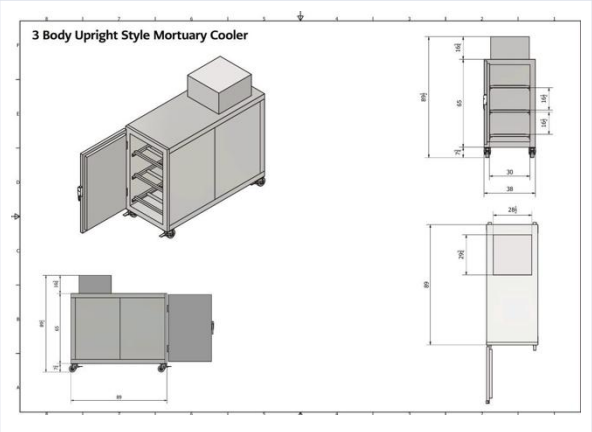
- Use a forklift or pallet jack rated for at least 2,000 lb, operated by a certified operator under state and local rules.
- Keep panels dry. On wet ground, stack them on pallets; cover them with moisture-proof sheeting if stored outdoors.
- Carry panels flat. Do not stand them on their corners or drop them.
- Use enough people to handle every panel without dragging.

⚠ WARNING
Panels and refrigeration units are heavy. Lifting without enough people or the right equipment can cause serious injury.

WHERE TO INSTALL

Indoors, in a conditioned and ventilated room, on a level floor. Keep 1″–1.5″ of air space around the cabinet and 16″ clear above and around the refrigeration unit (Ventilation & Clearance Policy VC-1.1).

DIMENSIONS & SPECIFICATIONS



Factory drawing. Dimensions in inches, for reference only and may vary.

SPECIFICATION	DETAIL
Capacity	3 bodies, one per tier
Cabinet (W × D × H)	3B: 38″ × 89″ × 65″ · 3BX: 44″ × 89″ × 65″
Casters	7¾″ locking casters; height on casters 72¾″
Refrigeration unit	Top-mounted drop-in, 16¾″ high, 28½″ × 29¾″ footprint
Overall height	89½″ on casters with refrigeration unit
Clear width at door	3B: 30″ · 3BX: 36″
Tier spacing	16½″ between tiers
Door	Full-height insulated door, right- or left-hand hinge
Construction	Modular cam-locked insulated panels, 4″ urethane core
Holding range	34–40°F
Power (standard)	115V / 1-phase / 60 Hz plug-in drop-in unit
Origin	Built in Johnson City, Tennessee, USA

CAM LOCKS & ASSEMBLY

OPERATING THE CAM LOCKS

1. Insert the hex wrench and turn it counterclockwise until the stop is against the locking arm (open position). Every arm must be open before panels are pushed together.
2. Push the panels together so the locking pins enter the cam pockets.
3. Turn the wrench ¼ turn counterclockwise to hook the locking arm over the pin.
4. Keep turning about ¾ turn more until the stop is against the opposite side of the arm. The joint is now locked and drawn tight.
5. To unlock, turn the wrench clockwise until the stop is reached.

NOTICE

Coolers can ship assembled or knocked down. Use these steps for knocked-down delivery or when relocating the cooler.

⚠ CAUTION

An out-of-level floor twists the cabinet and keeps doors from sealing. Shim or level the floor before assembly.

ASSEMBLY STEPS

1. Confirm the floor is level where the cooler will stand. Lay out the floor panel, back panel, right and left side panels, top panel and door frame.
2. Line up the back panel on the floor panel and engage its cam locks.
3. Set one side panel on the floor panel, line it up with the back panel and engage the cam locks. Repeat for the other side.
4. Secure the back panel to both side panels with the supplied lag bolts. Do not over-tighten.
5. Set the top panel with the refrigeration cutout toward the back. Match the predrilled holes and drive the lag bolts into the side and back panels.
6. Set the door frame (door pre-hung) and fasten it with lag bolts into the side and top panels.
7. Go over every bolt and cam lock. Open and close the door to confirm it seals evenly all the way around.
8. Install the roller tiers in their brackets and confirm each tier is level and fully seated.

REFRIGERATION & START-UP

INSTALLING THE DROP-IN REFRIGERATION UNIT

1. Read the refrigeration unit literature shipped in the unit carton before you start.
2. The rear of the top panel has a cutout sized for the drop-in unit. Lower the grille end of the unit into the cutout so it seats evenly.
3. Face the unit's temperature display toward the front of the cooler.
4. Fit the supplied angle trim around the unit per the unit instructions.
5. Route the condensate drain to a floor drain or condensate pump.

⚠ CAUTION

The refrigeration unit is heavy and may need up to four people to lift into place. Use a mechanical lift if one is available.

POWER

The standard 115V unit plugs into a dedicated 115V / 20 A outlet with no electrician required. Optional 208–230V units use a different plug and normally need an electrician to install a matching receptacle. Use the electrical schedule shipped with your order. Do not use extension cords or plug strips.

ROOM TEMPERATURE & SIZING

ROOM AT THE COOLER	REFRIGERATION
65–75°F, conditioned prep room	Standard
Regularly reaches 80°F	Level 1 upgrade
Up to 90°F or heavy door use	Level 2 upgrade
Up to 100°F, humid or near heat sources	Level 3 Extreme

See Ambient Temperature & Refrigeration Sizing (AT-1.0). Unconditioned garages and outdoor sites are not supported.

START-UP CHECKLIST

1. Cabinet level, all cam locks and bolts tight, door seals evenly.
2. Clearances kept: 1"–1.5" around the cabinet, 16" around the refrigeration unit.
3. Condensate drain connected and routed.
4. Power on. Allow the empty cooler to pull down and hold 34–40°F for at least 24 hours before loading.
5. Record the start-up date and readings in the Equipment Record.

OPERATION & CLEANING

DAILY OPERATION

- Keep the door closed except while loading. Every opening lets warm air in.
- Check and log the cabinet temperature at least once a day; it should hold 34–40°F.
- Load one body per position on a tray or board. Do not exceed the rated load of the tier, rack or tray.
- Use a lift for upper positions. Do not lift a body onto an upper tier by hand.
- Keep the evaporator air path clear inside the cabinet.

⚠ WARNING

If the temperature rises above 40°F and does not recover, move the remains to another cooler and call for service.

CLEANING

- Wipe spills right away. Clean interior surfaces weekly and after any fluid contact.
- Use warm water and a mild detergent, then a disinfectant labeled safe for the finish. Follow the label contact time and rinse.
- Do not use bleach, chlorides, steel wool or abrasive pads; they damage the finish and void finish coverage.
- Clean the door gasket with mild soap and water; inspect it for tears.
- Keep the condensate drain open and clean.

MAINTENANCE & TROUBLESHOOTING

PREVENTIVE MAINTENANCE

INTERVAL	TASK
Daily	Check and log temperature; confirm the door closes and latches
Weekly	Clean the interior; check the gasket and drain
Monthly	Clean the condenser coil intake; check the door hinge and latch hardware
Every 6 months	Check cam locks and bolts; check tier, shelf or rack hardware; check casters and brakes
Yearly	Professional refrigeration service: coil cleaning, drain-line clearing, gasket inspection, refrigerant charge and temperature performance

TROUBLESHOOTING

SYMPTOM	LIKELY CAUSE	WHAT TO DO
Temperature too high	Door left open, blocked airflow, dirty condenser, hot room	Close the door; clear 16" around the unit; clean the coil; check room temperature
Unit runs constantly	Room too hot, gasket leak, low charge	Check room against AT-1.0; inspect gasket; call refrigeration service
Water on the floor	Drain blocked or disconnected	Clear and reconnect the condensate drain
Ice on the coil	Door ajar or blocked defrost	Close door; let defrost run; call service if it returns
Door will not seal	Cabinet out of level or gasket damaged	Re-level the cabinet; replace the gasket
No power	Breaker or plug	Check the dedicated circuit; do not use extension cords

OWNER RESPONSIBILITY

Routine maintenance, consumables and service calls are the owner's responsibility and are not warranty items (VC-1.1, WR-1.0). Service: service@mymortuarycooler.com · 1-888-792-9315.

LIMITED WARRANTY

AMC coolers carry a limited 15-year structural panel warranty. Refrigeration components are covered by the refrigeration manufacturer's warranty, handled under Upright Refrigeration Warranty Claims (RW-1.0). Coverage requires installation, placement, clearances and refrigeration sizing as described in this manual and in VC-1.1 and AT-1.0. Coverage is limited to repair or replacement of parts found defective in material or workmanship under normal use and the maintenance described in this manual. Labor, travel, freight on replacement parts and consequential costs are not included. Full terms are published in the **Warranty Policy (WR-1.0)** at www.mymortuarycooler.com/pages/warranty-policy.

Not covered: overloading beyond the rated capacity; misuse, alteration or unauthorized repair; damage in transit not noted on the delivery receipt; corrosion from improper cleaning chemicals (including bleach); wear items such as casters, straps, pads and batteries after normal wear; failure to perform and record the maintenance in this manual.

To request service: contact service@mymortuarycooler.com or 1-888-792-9315 with the model, serial number, date of delivery, a description of the issue and photos or a short video. Do not return equipment without a written return authorization. Freight and order terms are governed by the Terms of Purchase (TC-1.7) and Returns & Cancellations Policy (RC-1.0).

EQUIPMENT RECORD

Record these details at delivery and keep this manual with the equipment.

Model: 3B · 3BX _____ Serial number _____ Delivery date _____

In-service date _____ Facility / location _____ Order or invoice number _____

MAINTENANCE LOG

DATE	SERVICE PERFORMED	FINDINGS / PARTS	INITIALS

COMPLETE YOUR SETUP

Equipment that pairs with your 3 body upright mortuary cooler. Each item is available on www.mymortuarycooler.com with live pricing and freight at checkout.



TITAN STAINLESS BODY TRAYS
23", 27" and 30" widths for racks, coolers and lifts.
SCAN



TITAN 1030-LPL LOW-PROFILE LIFT
13" to 69" battery lift for bottom-tier and upper-tier loading.
SCAN



TITAN 4-TIER END-LOAD RACK
Stainless roller rack for walk-in and multi-body coolers.
SCAN



USPE 3-BODY VAULT MORGUE COOLER
Side-load stainless vault with slide-out tray carriages.
SCAN

RELATED DOCUMENTS

Warranty Policy WR-1.0
www.mymortuarycooler.com/pages/warranty-policy

Terms of Purchase TC-1.7
www.mymortuarycooler.com/pages/terms-of-purchase-return-chargeback-policy

Returns & Cancellations RC-1.0
www.mymortuarycooler.com/pages/returns-cancellations-policy

Equipment User Manual Library
www.mymortuarycooler.com/pages/equipment-user-manuals-library

BUILT TO WORK TOGETHER

Trays, lifts and racks sized for AMC coolers keep every transfer level, short and controlled.

CONTACT AMERICAN MORTUARY COOLERS

140 Kwick Way Lane, Unit 7, Johnson City, TN 37615
Orders and product questions: cool@mymortuarycooler.com
Parts, service and warranty: service@mymortuarycooler.com

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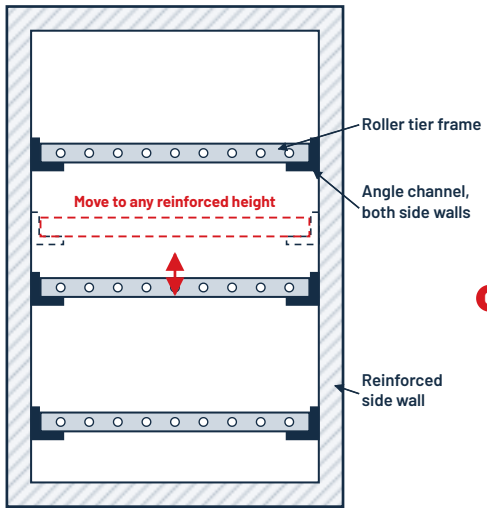
SCAN FOR THE LIVE PRODUCT PAGE

QUICK SHEET · 2B, 2BX, 3B, 3BX AND 4BX UPRIGHTS

TIER CHANNEL MOUNTING & HEIGHT ADJUSTMENT

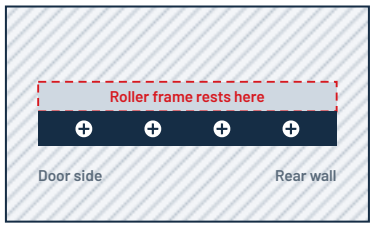
Every AMC 2, 3 and 4 body upright holds its roller tiers the same way. Each tier is a removable frame that rests on angle channels, and each channel is fastened to the cabinet wall with four screws. That means a tier can be set at any height where the wall is reinforced, and it can be moved later as your trays, pouches or bariatric cases change.

A FRONT SECTION · DOOR OPEN



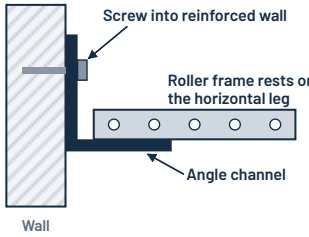
Example shown: 3B / 3BX, three tiers

B SIDE WALL VIEW · ONE CHANNEL

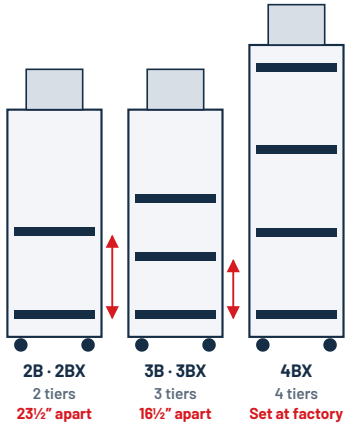


4 screws per channel, straight into the wall

C CHANNEL SECTION



D FACTORY TIER LAYOUT



Schematic based on the AMC factory drawings for each model. Not to scale. Cabinet dimensions are in each model's user manual.

MOVING A TIER

1. Empty the tier and lift the roller frame off its channels.
2. Remove the four screws from each channel and take the channels off the wall.
3. Measure the new height from the cabinet floor and mark both side walls at the same height, on a reinforced area.
4. Hold each channel level and fasten it with all four screws.
5. Seal the old screw holes with a refrigeration-grade sealant so moisture stays out of the wall panel.
6. Set the roller frame back on both channels and check that it sits flat and level side to side.
7. Roll an empty tray across the tier to confirm clearance under the tier above before loading.

BEFORE YOU FASTEN

- Fasten only where the wall is reinforced. Not sure where that is on your cabinet? Call us with your serial number before drilling.
- Use all four screws in every channel.
- Keep left and right channels at the same height.
- Leave room for the tallest tray, pouch or case you plan to store.
- Rollers should turn freely once the frame is seated.

MODEL	TIERS	FACTORY SPACING
2B · 2BX	2	23½" between tiers
3B · 3BX	3	16½" between tiers
4BX	4	Set at the factory

SCAN FOR THE ONLINE MOUNTING GUIDE

Model links, user manuals, install sheets and support in one place.
www.mymortuarycooler.com/pages/upright-mortuary-cooler-tier-channel-mounting
Questions on reinforcement or a custom tier layout: 1-888-792-9315 · service@mymortuarycooler.com