



OWNER'S GUIDE

MARVEL UNDERCOUNTER REFRIGERATION



FOR MODEL # MLDR224



THE ORIGINAL REFRIGERATION EXPERTS SINCE 1892

WELCOME

Welcome to the Marvel Experience

Thank you for choosing our quality American-built product to add to your home. We are thrilled to welcome you to our growing community of Marvel owners, who trust in our products and our support.

The information in this guide is intended to help you install and maintain your new Marvel undercounter model to protect and prolong its lifetime. We encourage you to contact our Technical Support team at (616) 754-5601 with any questions.

Got a Marvelous Design?

We would love to see how your Marvel product looks in its new home. Send us photos at marketing@marvelrefrigeration.com, and we might feature your Marvel home design on our website and social media!

Thank you again for investing in Marvel for your home!

Warranty Registration

It is important you send in your warranty registration card immediately after taking delivery of your appliance or you can register online at www.marvelrefrigeration.com.

The following information will be required when registering your appliance:

Service Number

Serial Number

Date of Purchase

Dealer's name and address

Online registration available at www.marvelrefrigeration.com

The service number and serial number can be found on the serial plate which is located inside the cabinet on the left side near the top.

MARVEL	
GREENVILLE, MI 48838	
MODEL NO.	<input type="text"/>
SERVICE NO.	<input type="text" value="XXXXXXXXXXXX"/>
SERIAL NO.	<input type="text" value="XXXXXXXXXXXX"/>
HZ <input type="text"/>	VOLTS <input type="text"/> AMPS <input type="text"/> R600A <input type="text"/> g
TEST PRESSURE 140 PSI LOW SIDE 300 PSI HIGH SIDE	

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Installation

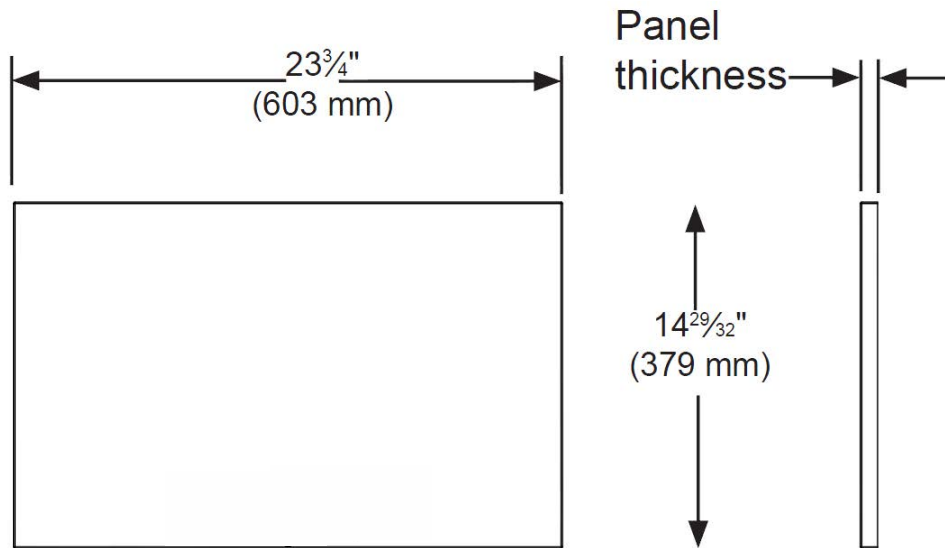
[Integrated Panel Dimensions](#)

[Integrated Panel Installation](#)

INTEGRATED PANEL DIMENSIONS

NOTE

- Panel thickness cannot exceed 3/4" (19mm)
- If your overlay panel is thinner than 5/8" (15.9 mm) you will need to purchase shorter screws. The longer screws will break through the front of the panel.



INTEGRATED PANEL INSTALLATION



CAUTION

It is important to use the factory provided grille that came with the product to assure proper air flow is maintained through the condenser. The use of a custom grille is not recommended and will void the warranty.

Full Integrated Panel Installation Instructions Determine Wood Screw Requirements

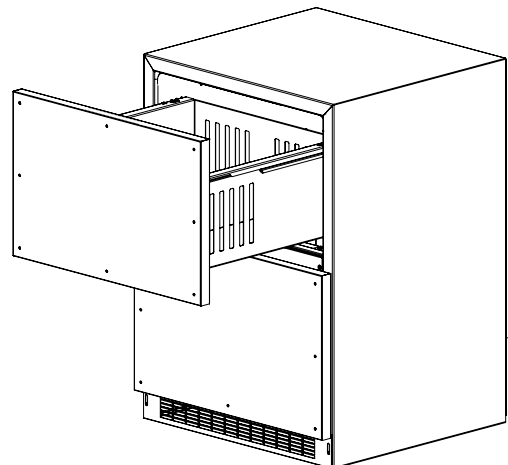
1. A #10 pan head wood screw should be used to
2. properly secure the integrated panel. A quantity of 16 screws are supplied with the unit in the literature pack.
3. Use only pan head screws.
4. If your integrated panel is thinner than $\frac{5}{8}$ " (15.9 mm) you will need to purchase shorter screws. The longer screws will break through the front of the panel.



WARNING

Electrocution Hazard

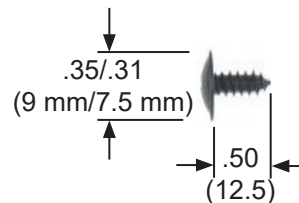
- Never attempt to repair or perform maintenance on the appliance until the main electrical power has been disconnected. Turning the appliance control "OFF" does not remove electrical power from the units wiring.
- Replace all parts and panels before operating.



INTEGRATED PANEL INSTALLATION

Step 1: Remove Drawers from unit.

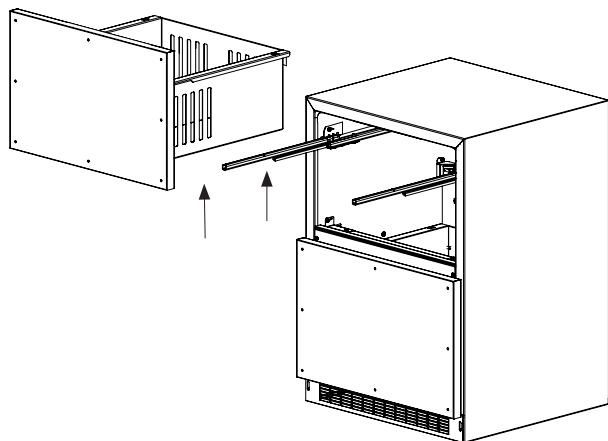
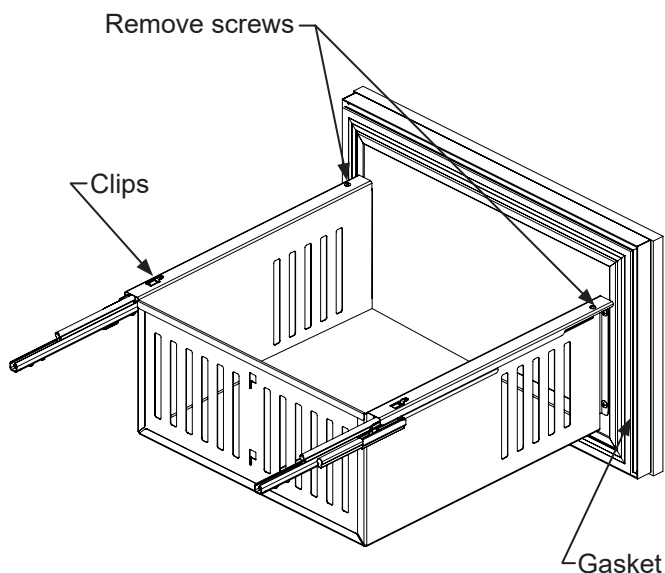
1. Begin by pulling out the top drawer. Remove screws securing drawer to slides. Pull drawer forward, lift up and out to clear clips in rear of drawer. Move drawer forward about 1" (2.5 cm) and set down on slides. At the right rear corner of the drawer disconnect the display wire harness. Remove the drawer from the unit by lifting up off of the slides. Repeat for bottom drawer but disregard the harness instructions as there is no wiring to the bottom drawer.
2. Remove the drawer divider from the drawer and remove the gasket from the drawer front. Do this by pulling the gasket out of the channel that holds it to the drawer front. This will expose the clearance holes for mounting the integrated panel.



Step 2: Size the Integrated Panel

Cut the integrated panel to the dimensions shown in the Integrated Panel Dimensions section. On the top drawer only, drill the 2 counter-bored holes which are clearance for screw heads on the face of the top drawer and the lock hole at the bottom of the top drawer only.

This is also a convenient time to locate and drill the holes for your handle. Most often the handle is to match that of the surrounding cabinetry. If your handle attaches from the back-side of the custom panel, locate the mounting holes while the panel is attached to the drawer and cabinet. After the panel is removed from the drawer, drill the mounting holes from the front, to the recommended diameter of the handle manufacturer. Counter bore the backside of the panel so the screw heads do not interfere with the surface of the drawer.



INTEGRATED PANEL INSTALLATION

Step 3: Attach the Integrated Panel to the Drawer

1. Set the integrated panel on drawer front face and align edges. The custom integrated panel should be flush with the top of the drawer and centered on the width of the drawer. Clamp panel in position and mark pilot hole locations. Pick the required pilot hole size from the table below and drill the pilot holes ensuring not to drill all the way through the integrated panel.

Pilot Hole Drill Sizes for Wood Screws

Material Type	#8 Wood Screw
Hardwood	$\frac{1}{8}$ Diameter Pilot Hole
Softwood	$\frac{7}{64}$ Diameter Pilot Hole

2. Insert wood screws through clearance holes and tighten to secure integrated panel.
3. Reinstall gasket into channel. Make sure the corners are fully inserted.
4. Place the drawer divider back into the drawer.

