

U-LINE



USER GUIDE + SERVICE MANUAL

Model: URBV424-IG01A

USER GUIDE & SERVICE MANUAL

[Click on any section below to jump directly there](#)

Table of Contents

Installation

Integrated Panel Dimensions

Integrated Panel Installation

Grille Installation

USER GUIDE

Welcome to U-Line

Congratulations on your U-Line purchase! At U-Line, we pride ourselves on delivering quality appliances that are visually elevated. Our blend of functionality, beautiful aesthetics, and inspired innovations ensures that every detail, no matter how small, contributes to a superior product experience. Our versatile applications span residential indoors and outdoors, marine, and commercial settings. Our diverse product line includes a wide variety of ice machines and refrigeration driven by design since 1962.

U-Line creates products designed for a modern lifestyle – beautiful and functional refrigeration that properly preserves food, beverages, and wine. With a focus on seamless integration and designer preferred features, U-Line speaks to those seeking a refined aesthetic. Featuring the simplest panel installation in the industry with fully integrated adjustable grille capabilities, U-Line is redefining the industry standard on integration—making our products Built-In to Stand Out®. Since joining the Middleby family of brands in 2014, we have continued to innovate and redefine the refrigeration landscape.

Thank you for your support,

U-Line
Right Product. Right Place. Right Temperature.®

Product Information

Looking for additional information on your product? User Guides, Spec Sheets, CAD Drawings, and Product Warranty information are available digitally on u-line.com.

Property Damage and Injury Concerns

In the unlikely event property damage or personal injury is suspected related to a U-Line product, please take the following steps:

1. Our customer service team must be contacted immediately at +1.616.754.5601.
2. Service or repairs performed on the product without prior written approval from our factory is not permitted. If the product has been altered or repaired in the field without prior written approval, claims will not be eligible.

Reach Out

Middleby Refrigeration
1260 E Van Deinse
Greenville, MI 48838
+1.616.754.5601
customerservice@middlebyrefrigeration.com

Let's Connect

@ulinecorp | u-line.com

Integrated Panel Dimensions

Metric measurements rounded and optimized.

INTEGRATED FRAME

NOTICE

Due to differences in surrounding cabinetry the panel may not perfectly align with door. The procedure below is designed to provide a finished integrated panel that seamlessly integrates with surrounding cabinetry.

Panel Preparation

A full integrated door panel completely covers the door frame and provides a built-in appearance.

NOTICE

The door panel must not weigh more than 20 lbs (10 kg).

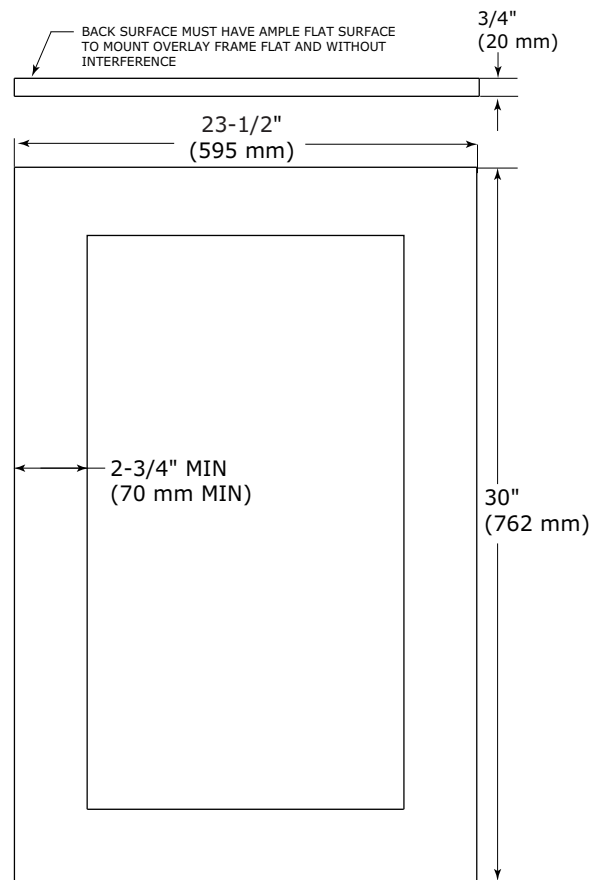
It is important to ensure that all drilled holes are drilled to the correct depth in order to avoid splits in the wood when hardware is installed.

1. Cut the panels to the dimensions listed in the diagram below.
2. Optional: Stain or finish panel to desired stain or color. Be sure to closely follow the instructions provided by the manufacturer.
3. Optional: Install handles and hardware.

NOTICE

When applying an integrated frame to a unit, ensure that both sides are finished in order to prevent warping. In some frame installations, the panel may be visible through the glass while the door is open.

Integrated Frame Dimensions



Integrated Frame

HANDLELESS INTEGRATED FRAME

The following procedure is designed to provide a finished, handleless frame for a 24" (600 mm) door that seamlessly integrates with its surrounding cabinetry.

NOTE: Many cabinet manufacturers provide a ready solution for a handleless, integrated design that can be easily applied to your model. Consult your cabinet manufacturer for applicable design and installation details. The cabinet manufacturer's solution to this design and integration detail will often result in an integrated frame solution wherein the size of the frame may result in a height dimension taller than what we specify. This can be achieved provided the additional height is positioned above the appliance door.

NOTICE

The integrated frame aligns with the surrounding cabinetry and, due to differences in cabinetry, may not align perfectly with the door.

The appliance will need up to 34-1/2" (876 mm) to the underside of the counter to leave room for leveling adjustments.

A single prepared frame with insert must not weigh more than 20 lbs (10 kg).

Integrated Frame Preparation

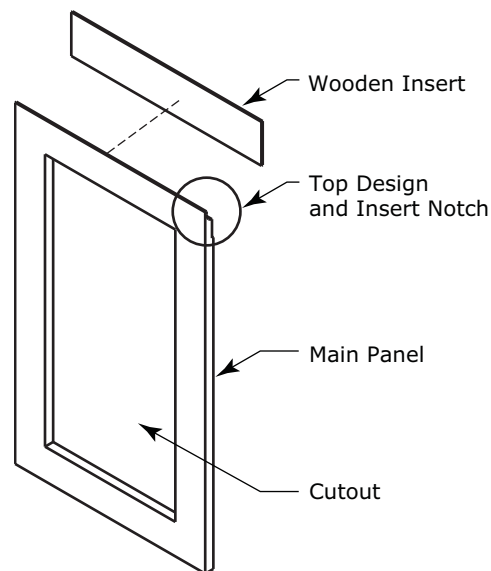
1. Cut the main panel to the appropriate dimensions below. For details, see the drawings on the next page.

Main panel width	Main panel depth
23-1/2" (595 mm)	28-13/16" (732 mm)

2. Create the top design for the handleless feature and the 1/8" (3 mm) notch for the insert(s) indicated on the Top Detail drawing, on the next page.

3. Prepare the insert(s) that will back up the handleless design. **Wooden Insert** – Cut 1/8" (3 mm) thick wooden insert(s) to the dimensions below.

Wooden insert width	Wooden insert depth
23-1/2" (595 mm)	3-1/2" (89 mm)



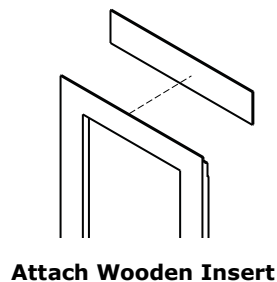
Integrated Frame

4. Optional: Stain or finish frame and wooden insert to desired stain or color. Be sure to closely follow the instructions provided by the manufacturer.

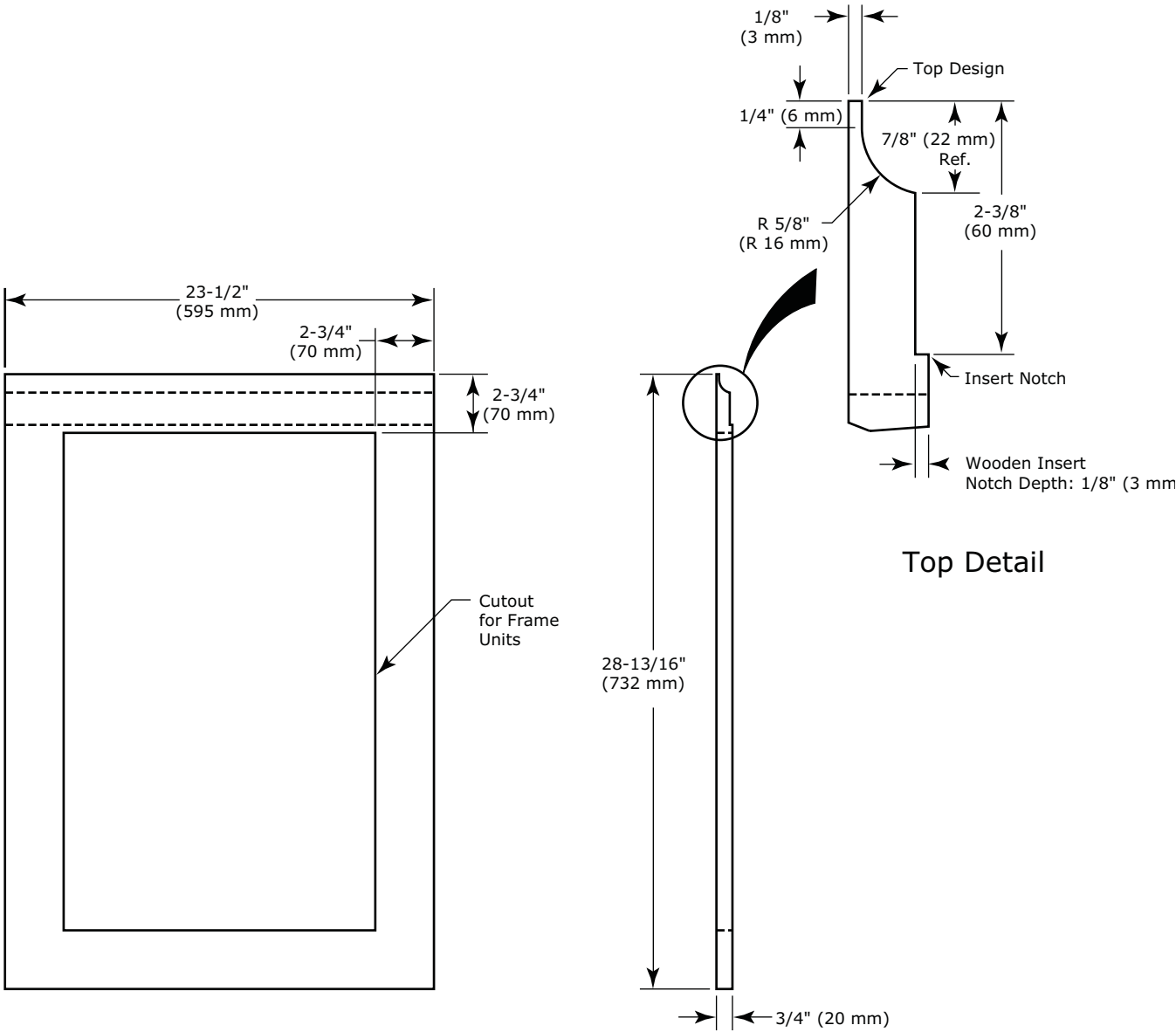
NOTICE

If finishing panel or wooden insert, all sides must be finished to prevent warping.

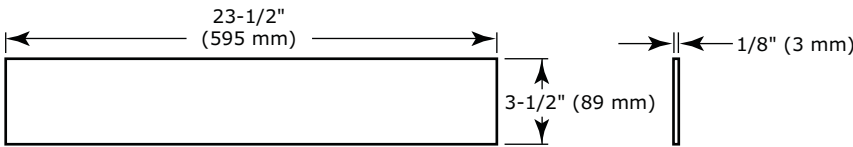
5. Attach the insert to the frame. Wood glue or equivalent adhesive should be used to attach insert to frame.



Handleless Integrated Frame Dimensions



Wooden Insert Dimensions



EXTENDED INTEGRATED FRAME

NOTICE

Due to differences in surrounding cabinetry the panel may not perfectly align with door. The procedure below is designed to provide a finished panel that seamlessly integrates with surrounding cabinetry.

Panel Preparation

An extended integrated panel can be used to maintain alignment with an adjacent extended cabinet height or a reduced toe-kick/grille application.

1. Cut the panels to the dimensions listed in the appropriate diagram on the next page.
2. Optional: Stain or finish panel to desired stain or color. Be sure to closely follow the instructions provided by the manufacturer.

3. Optional: Install handles and hardware.

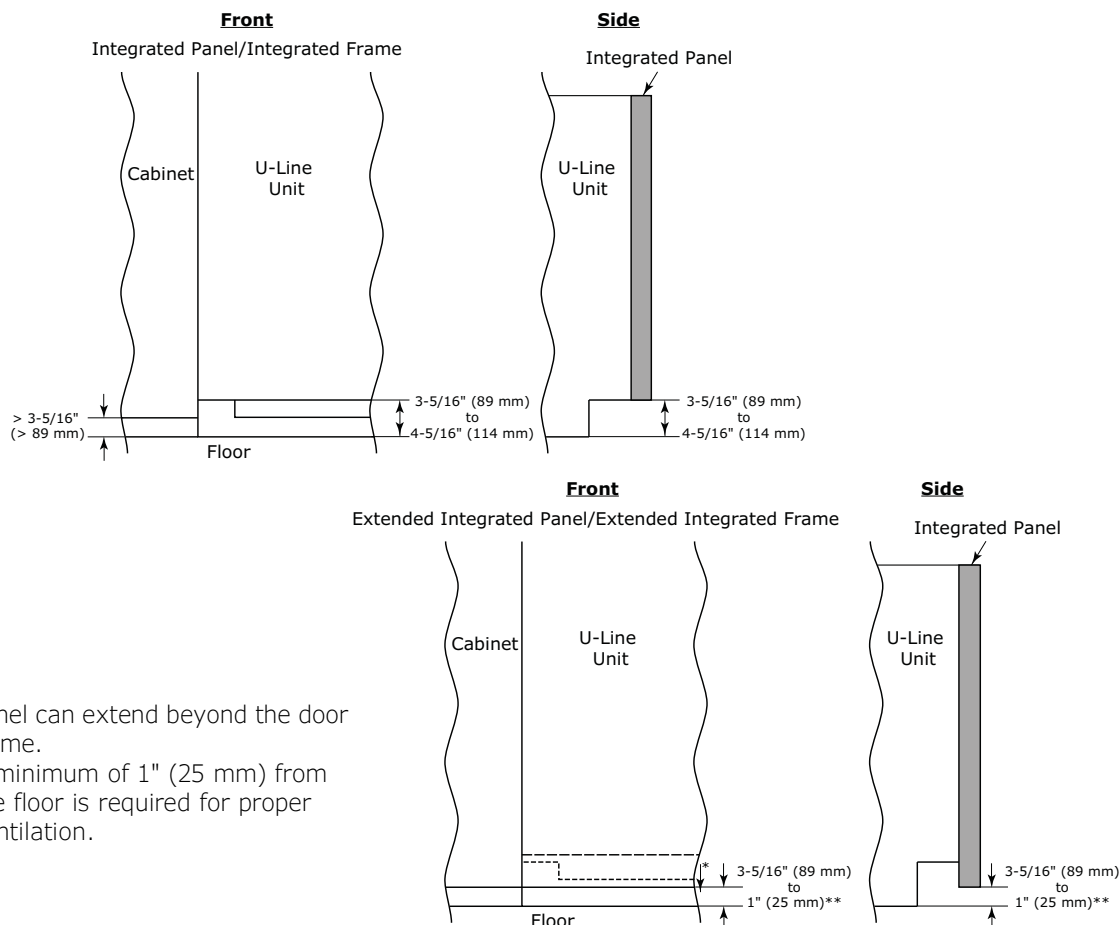
NOTICE

The door panel must not weigh more than 20 lbs (10 kg).

It is important to ensure that all drilled holes are drilled to the correct depth in order to avoid splits in the wood when hardware is installed.

Appliance will need up to 34-1/2" (876 mm) to the under side of the counter to leave room for leveling adjustments.

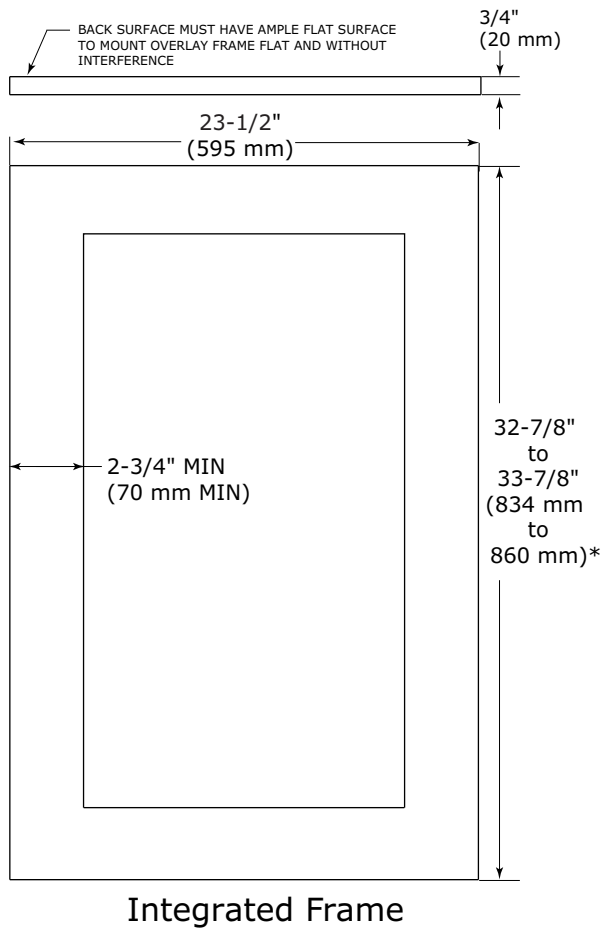
When applying an integrated frame to a unit, ensure that both sides are finished in order to prevent warping. In some installations, the panel may be visible through the glass while the door is open.



* Panel can extend beyond the door frame.

** A minimum of 1" (25 mm) from the floor is required for proper ventilation.

Extended Integrated Frame Dimensions



* A minimum of 1" (25 mm) is required from the floor to the bottom of the extended integrated panel/frame for proper ventilation.

NOTICE

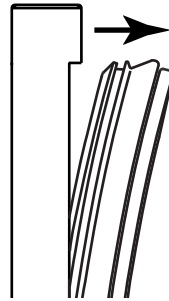
The minimum border thickness for a 30" (762 mm) tall integrated frame is 2-3/4" (70 mm). The top/bottom border of the frame must account for any additional length.

Integrated Panel Installation

1. Fully open door.

2. Starting at corner, pull gasket away from door.

3. Continue to pull gasket free from gasket channel.



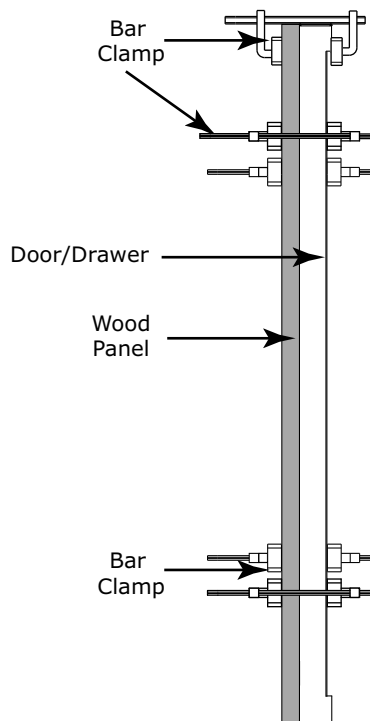
4. Upon removal, lay gasket down on a flat surface.

5. Align top of panel with top edge of door. Center panel on door.

NOTICE

Due to differences in floor construction or surrounding cabinetry, the panel may not sit flush with the top of the door.

6. Secure integrated panel to door using clamps. A robust tape may also be used. U-Line recommends the use of bar clamps to secure the panel to the door. If using tape, be certain the tape will not damage panel finish upon removal.



7. Using a 7/64" (3 mm) drill bit, drill 6 pilot holes into the wood panel 1/2" (12 mm) deep using the holes in the door frame as a guide.

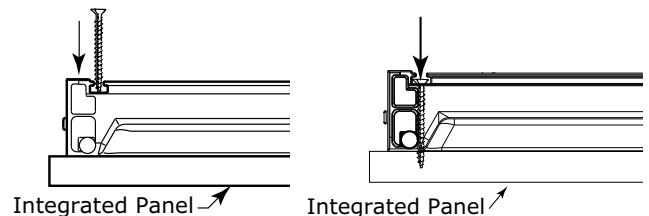
NOTICE

It is important to ensure that all drilled holes are drilled to the correct depth in order to avoid splits in the wood when hardwood is installed.

8. Locate 6 of the #6x 1-1/2" (38 mm) screws provided with your unit.

9. Using a Phillips screwdriver, place one screw into each of the 6 pilot holes and screw down. Do not overtighten screws.

10. Ensure the screws sit flush against the bottom of the channel.



11. Remove clamps from door.

NOTICE

If panel requires additional adjustment after removing clamps, slightly loosen each screw and adjust panel as necessary. Tighten screws upon completion.

12. Starting at the corners, re-install the gasket into the gasket channel in the frame. Make sure the gasket is fully seated.

Grille Installation and Adjustment

REMOVING AND INSTALLING GRILLE

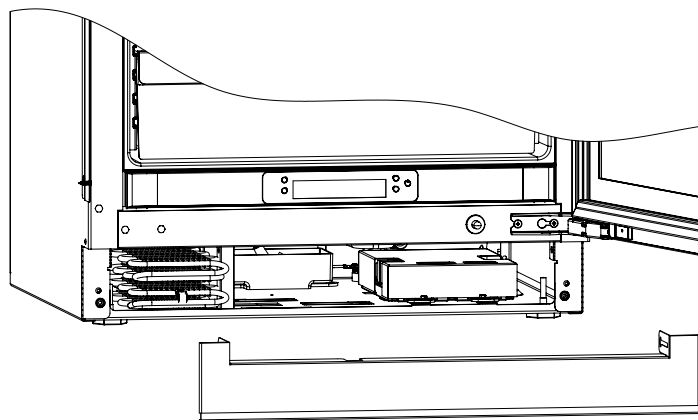
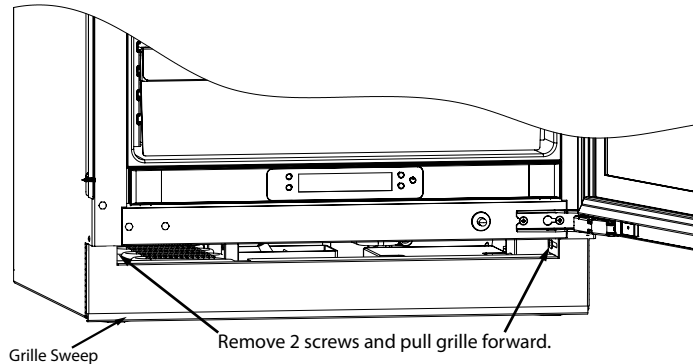


Disconnect electric power to the unit before removing the grille.

When using the unit, the grille must be installed.

Removing the grille

1. Disconnect power to the unit.
2. Remove 2 screws accessible through the opening in the grille.



3. Remove grille and set aside. Hold on to the grille sweep as you remove the grille or it will fall loose.

Installing the grille

1. Align cabinet and grille holes and secure with 2 screws.
Do not over tighten grille screws.
2. Connect power to the unit.

Adjusting the grille

1. Loosen, but do not remove 2 screws.
2. Pull out or push in grille to the desired depth. The grille sweep automatically adjusts, maintaining contact with the floor.
3. Tighten screws.

