# USER GUIDE & SERVICE MANUAL




Model: U-2224WCINT-00A

**Click on any section below to jump directly there**

## Table of Contents

Installation

- Integrated Panel Dimensions
- Integrated Panel Installation
- Integrated Grille Dimensions
- Grille / Plinth Installation

## WELCOME TO U-LINE

Congratulations on your U-Line purchase. Your product comes from a company with over five decades of premium modular ice making, refrigeration, and wine preservation experience. U-Line creates products focused on functionality, style, and inspired innovations — paying close attention to even the smallest details. Applications include residential, outdoor, ADA height compliant, marine, and commercial. Complete product categories include Beverage Centers, Wine Refrigerators, Ice Machines, Refrigerators, Freezers, and Dispensers.

Our advanced refrigeration systems, large and flexible capacities, and Built-In to Stand Out® clean integrated look allow you to preserve the right product, in the right place, at the right temperature. Since 2014, U-Line has been part of the Middleby family of brands. All products are designed, engineered, and assembled in Milwaukee, Wisconsin, USA, and select products are available worldwide. U-Line - RIGHT PRODUCT. RIGHT PLACE. RIGHT TEMPERATURE®.

## PRODUCT INFORMATION

Looking for additional information on your product? User Guides, Spec Sheets, CAD Drawings, Compliance Documentation, and Product Warranty information are all available for reference and download at u-line.com.

## PROPERTY DAMAGE / 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. U-Line Customer Care must be contacted immediately at +1.414.354.0300.
2. Service or repairs performed on the unit without prior written approval from U-Line is not permitted. If the unit has been altered or repaired in the field without prior written approval from U-Line, claims will not be eligible.

## GENERAL INQUIRIES

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## SERVICE & PARTS ASSISTANCE

Monday - Friday 8:00 am to 4:30 pm CST
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Parts Email: onlineparts@u-line.com

## CONNECT WITH US

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Designed, engineered and assembled in WI, USA

# 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.

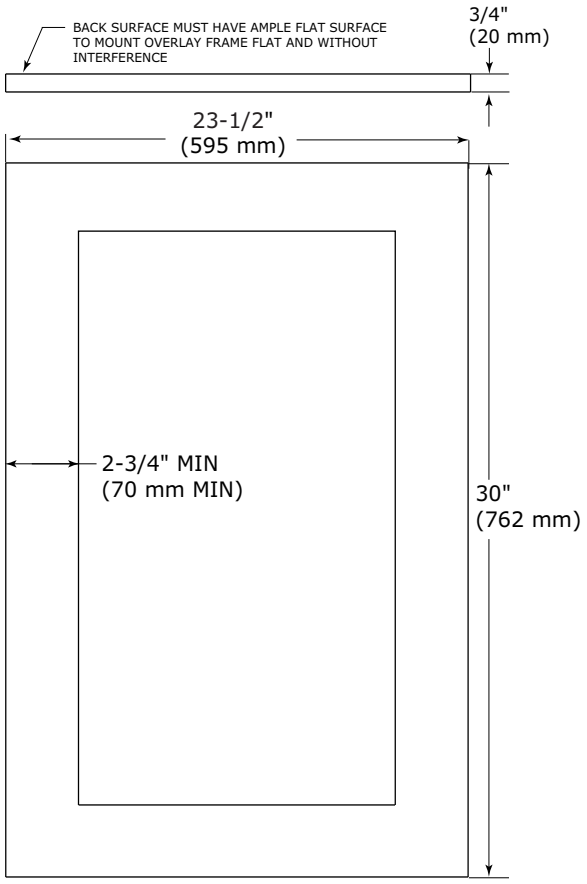
2. Optional: Stain or finish panel to desired stain or color. Be sure to closely follow the instructions provided by the manufacturer.

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 U-Line 3000 Series 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).**

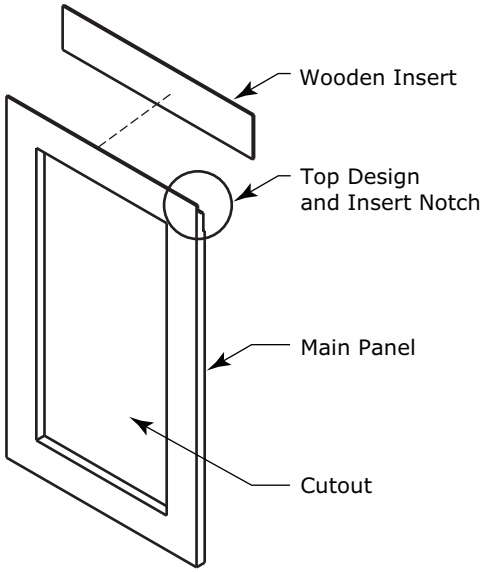
**Integrated Frame Preparation**

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) |



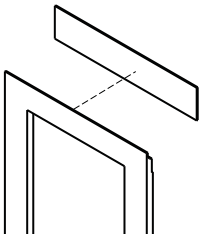

Integrated Frame

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**

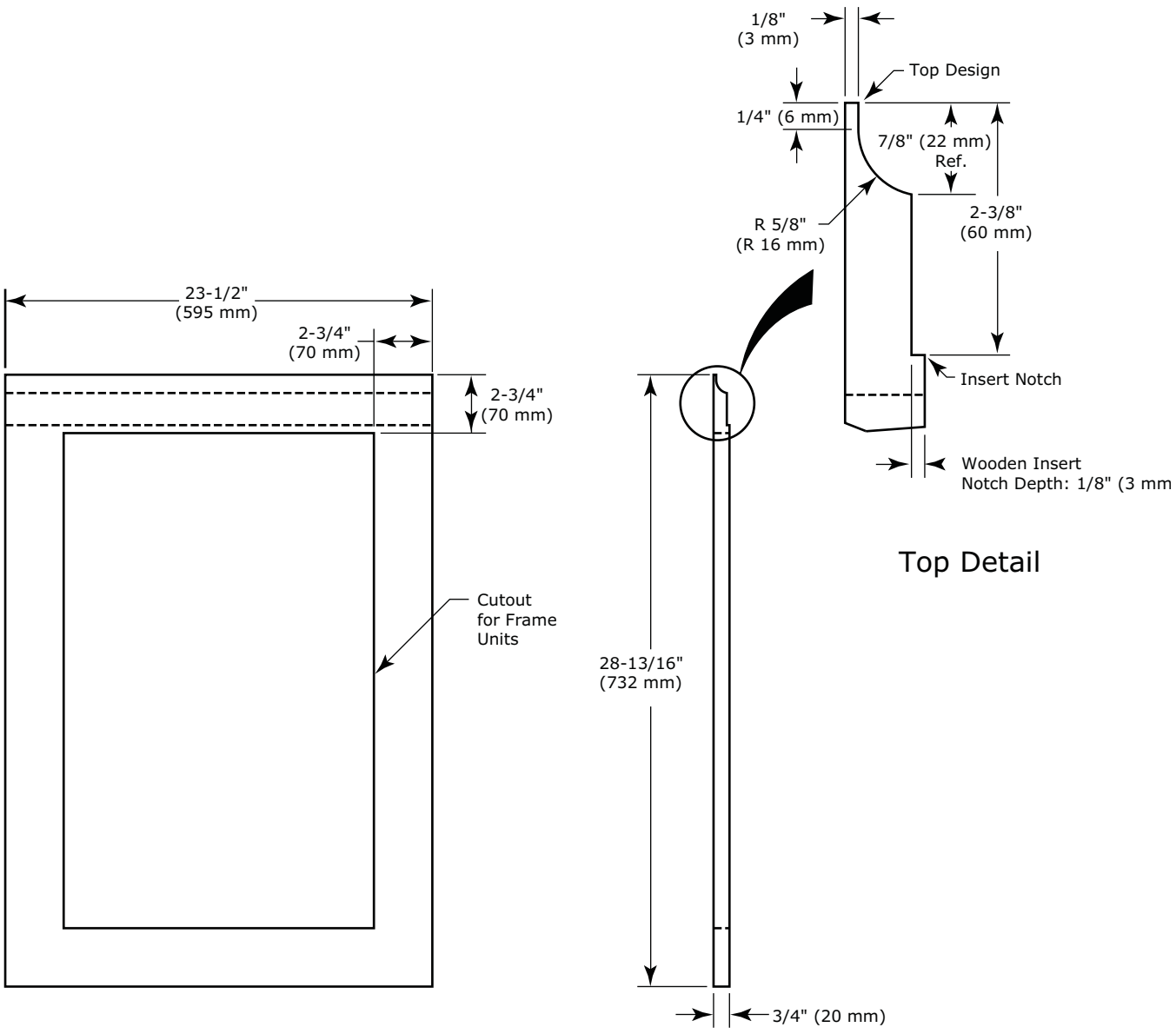
**If finishing panel or wooden insert, all sides must be finished to prevent warping.**

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



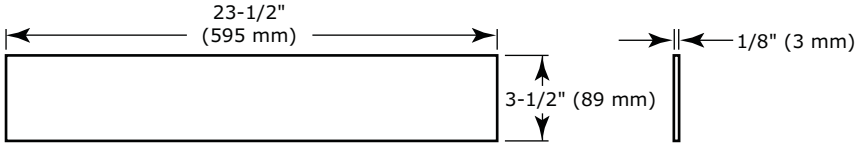
**Attach Wooden Insert**

**Handleless Integrated Frame Dimensions**




Top Detail

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.

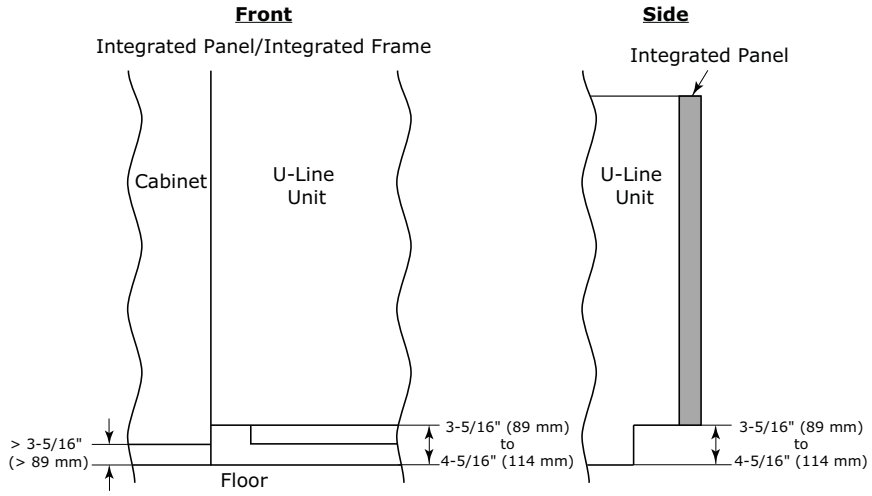
**NOTICE**

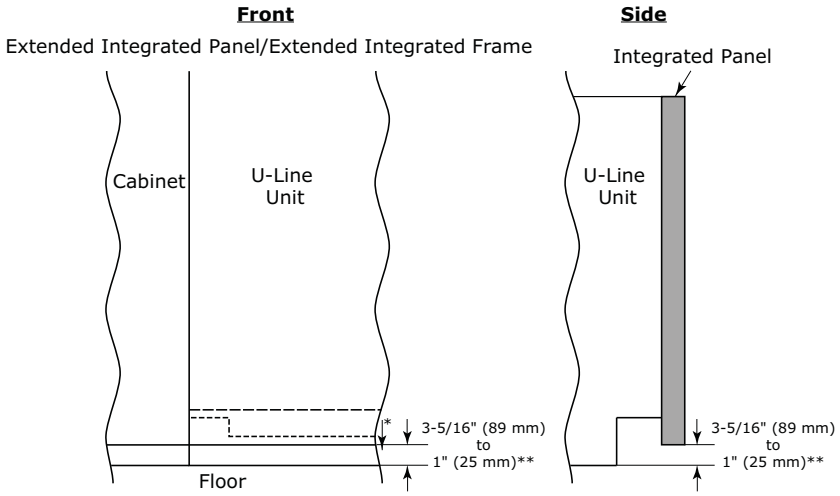
**The door panel must not weigh more than 20 lbs (10 kg).**

**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.**

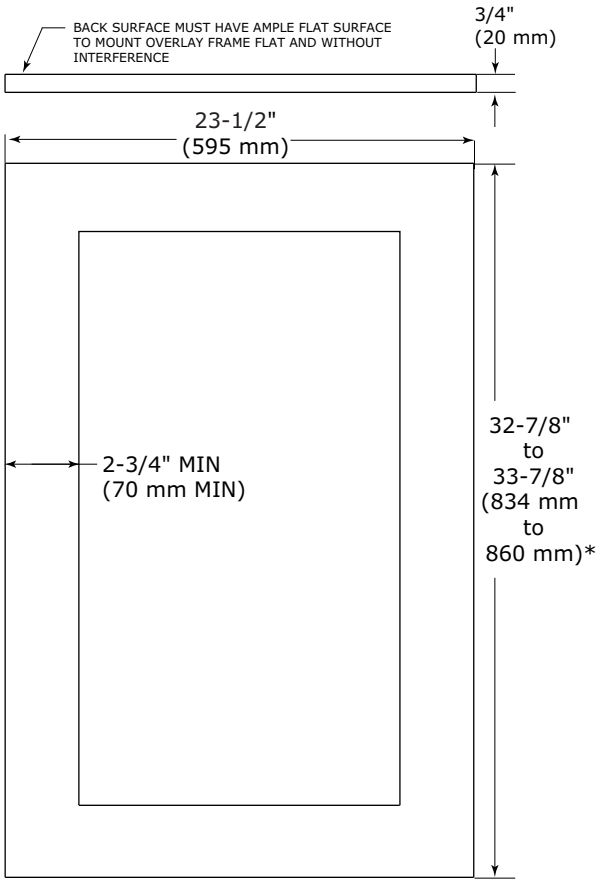



* Panel can extend beyond the door frame.

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

**Extended Integrated Frame Dimensions**




Integrated Frame

* 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 Grille - Plinth Dimensions

**PREPARE AND INSTALL INTEGRATED GRILLE (PLINTH STRIP/BASE FASCIA)**

1. Use the dimensions provided in the diagram to cut and shape your integrated grille (plinth strip/base fascia) panel. Recommended panel thickness is between 1/4" (6 mm) and 3/8" (9 mm).

2. Finish or stain your grille (plinth strip/base fascia) panel to match your surrounding furniture. Finish front, back and edges to prevent warping. Carefully follow the manufacturer's recommendations for finish application and cure times.

3. Apply double sided tape to the backside of the integrated grill (plinth strip/base fascia). Use the diagram below for reference. U-Line recommends 3M™ VHB™ tape, a high strength bonding tape.

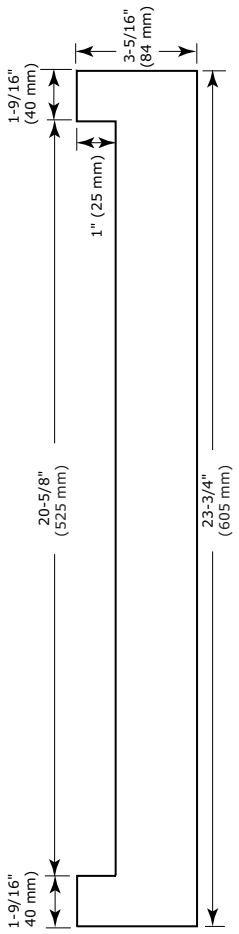
Apply Tape To Shaded Area



4. Remove backing paper from double sided tape.

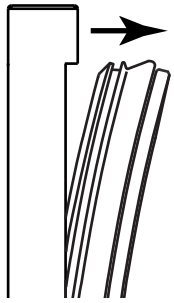
5. Carefully align grille (plinth strip/base fascia) over integrated panel and press into position.

**INTEGRATED GRILLE (PLINTH STRIP/BASE FASCIA) DIMENSIONS**



## 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.

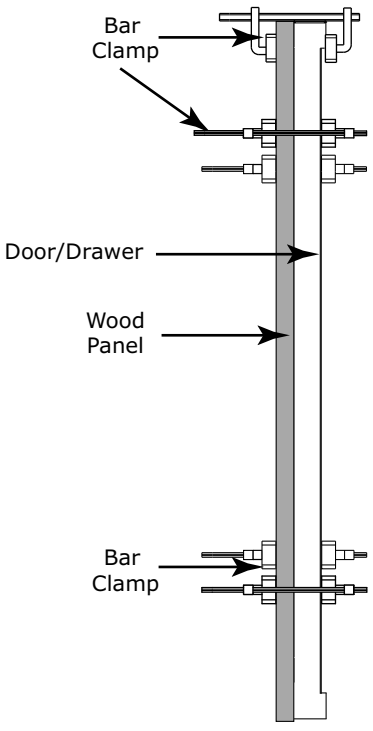
4. Upon removal, lay gasket down on a flat surface.

5. Align top of panel with top edge of door. Center panel on door. (For 3036/3090 models, align panel on the hinge side-edge of 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.

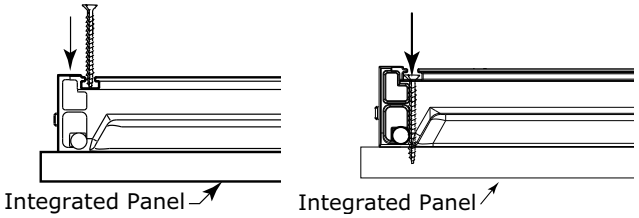
**NOTICE**

**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 - Plinth Installation

**REMOVING AND INSTALLING GRILLE (PLINTH STRIP/BASE FASCIA)**

**⚠ WARNING**

**Disconnect electric power to the unit before removing the grille (plinth strip/base fascia).**

**When using the unit, the grille (plinth strip/base fascia) must be installed.**

**⚠ WARNING**

**DO NOT touch the condenser fins. The condenser fins are SHARP and can be easily damaged.**

**Removing the grille (plinth strip/base fascia)**

1. Disconnect power to the unit.
2. Loosen the two screws (1).
3. Remove grille (plinth strip/base fascia) (2) from unit.

**Installing the grille**

1. Align cabinet and grille holes and secure, but do not over tighten grille (plinth strip/base fascia) screws (1).
2. Reconnect power to the unit.

