

# INSTRUCTIONS FOR USE

## Preference Collection®

Dental Furniture



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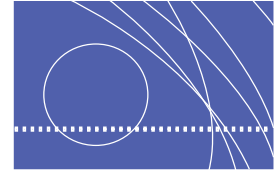
## Regulatory Information

Regulatory information mandated by agency requirements is provided in the *Regulatory Information, Specifications, and Warranty* document (p/n 86.0221.00), which is available in the Document Library at [www.a-dec.com](http://www.a-dec.com).

## Product Service

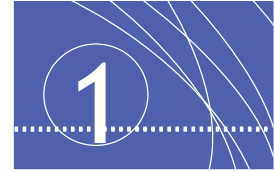
Product service is available through your local authorized A-dec dealer. For service information, or to locate an authorized dealer, contact A-dec at 1.800.547.1883 in the USA and Canada or 1.503.538.7478 worldwide, or visit [www.a-dec.com](http://www.a-dec.com).

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# INTRODUCTION

This guide contains basic operating instructions, adjustments, and maintenance for your Preference Collection dental furniture.

Before using A-dec dental furniture, please make note of all cautions and warnings. Read the component descriptions and become familiar with the locations of features and controls.

## About Preference Collection

Preference Collection is a complete line of modular dental furniture that can be custom configured to meet various needs.

**Figure 1. Preference Collection Overview**



## Models

Figure 2. 5580 Treatment Console

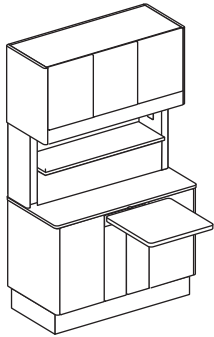


Figure 3. 5580 Treatment Console with Left Wash Station

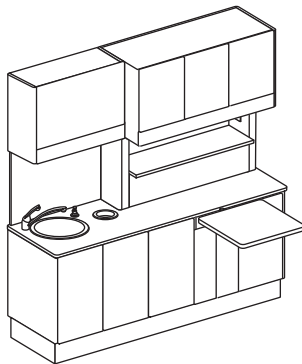
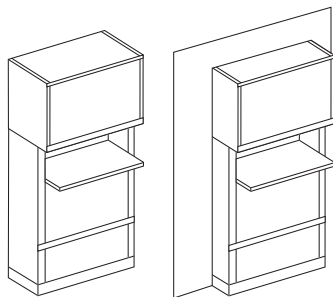
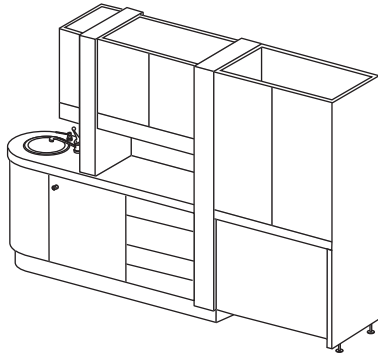


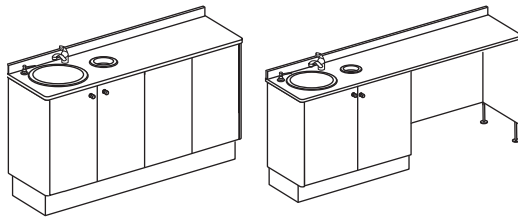
Figure 4. 5562 Treatment Column/5662 Treatment Insert



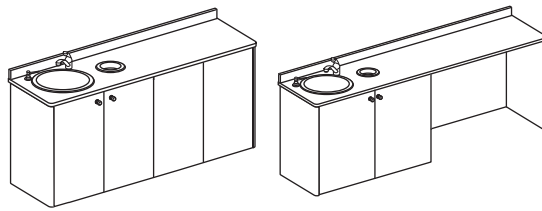
**Figure 5. 5543 Central Console**



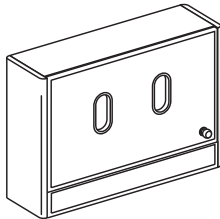
**Figure 6. 5531 Accessory Console**



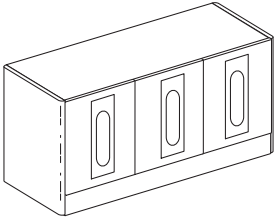
**Figure 7. 5631 Accessory Console, Wall-Mount**



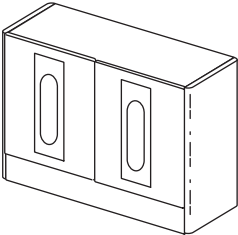
**Figure 8. 5730 Dispensing Unit**



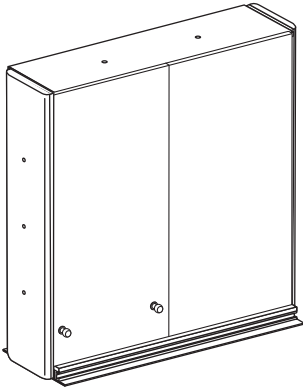
**Figure 9. 5731 Upper Storage Unit**



**Figure 10. 5731 9" Upper Storage Unit, 34"**



**Figure 11. 5732 X-Ray Storage Insert**







# BASIC OPERATION

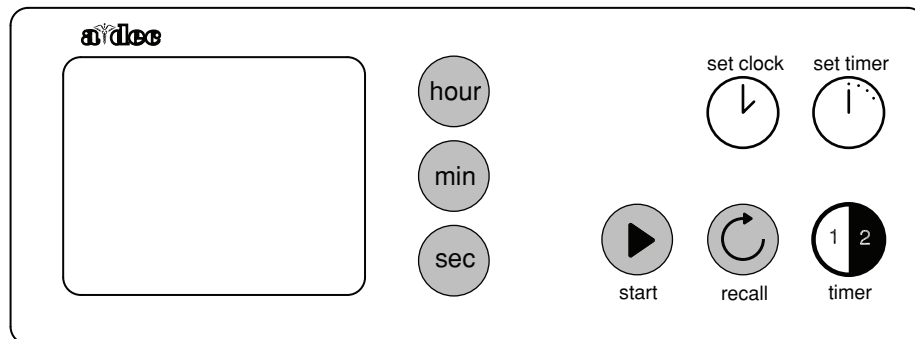
## Clock/Timer

The clock/timer offers you a number of simple and convenient functions:

**Table 1. Clock/Timer Settings**

To Do This Function...	Press and Hold...
Set the time	SET CLOCK and HR, MIN, or SEC
Set 12/24 hour display formats	SET TIMER and SET CLOCK; AM/PM will only be displayed for the 12 hour format
Set the count down timer	Press and hold Set Timer and MIN or SEC until the desired time is reached
Start the timer	START/STOP
Stop the timer	START/STOP
Clear the timer	Stop the timer then press and hold SET TIMER for three seconds
Recall last start time	RECALL while timer is stopped
Select timer 1 or 2	TIMER 1/2

**Figure 12. Clock/Timer**



## Count Down Timer

When the count down timer reaches ten and five seconds, the alarm will be beep once; when it reaches zero, the alarm will beep three times. The timer will continue to run until START/STOP is pressed or until the timer reaches -60 seconds.

## Low-Battery Indicator

When the low battery indicator light begins to flash, replace the 9 volt alkaline battery. If the battery is removed and replaced within 14 seconds, the clock will not require resetting. The battery connector is polarized, so the battery will easily snap into place if it is in the correct orientation.



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**CAUTION** Do not force the battery into place. If the battery doesn't snap to the connectors easily, reverse the orientation of the battery and reinsert it. Do not change the battery while the audible alarm is active.

---

## Stack Switch

The stack switch controls the task light and up to two ancillary devices.

You can use the stack switch to turn ancillary devices (such as an intraoral camera or a computer) on or off. Plug the power cord of the device into either outlet marked AUX 1 or AUX 2 in the quad box, located in the subbase. The corresponding switch in the stack switch will control the on/off functions of that device.

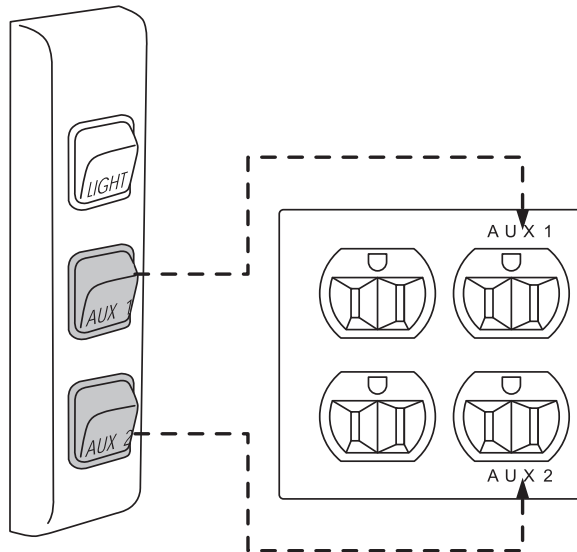


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**CAUTION** To prevent possible equipment damage from a power surge, a surge protector should be used to connect to the quad box.

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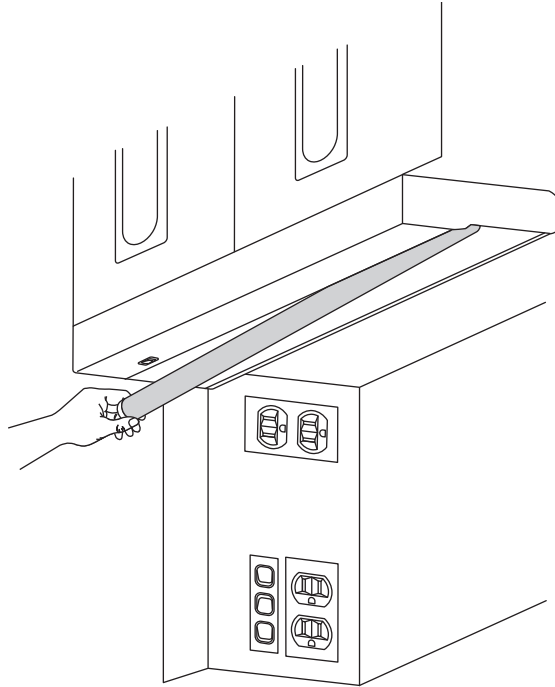
Figure 13. Stack Switch and Subbase Quad Box



# Task Light

The task light provides additional soft lighting for your countertops.

**Figure 14. Task Light and Lamp**



Use the following options to replace the task light lamp:

- 18", 15 W lamp (A-dec p/n 042.612.00, or #F15T8/SP41)
- 18", 17 W lamp (A-dec p/n 042.612.01, or #F17T8/SP41)

Use a 5000 kelvin lamp, such as the F15T8/SPX50 for an 18" lamp or the F17T8/SPX50 for the 24" lamp, to ensure that the light matches the color temperature of the A-dec dental light.

To replace the task light lamp:

1. Turn off the light.
2. Remove the light shield.
3. Remove the tube. Carefully twist the tube and remove the tube from the fixture.
4. Install the replacement tube.
5. Reinstall the light shield.

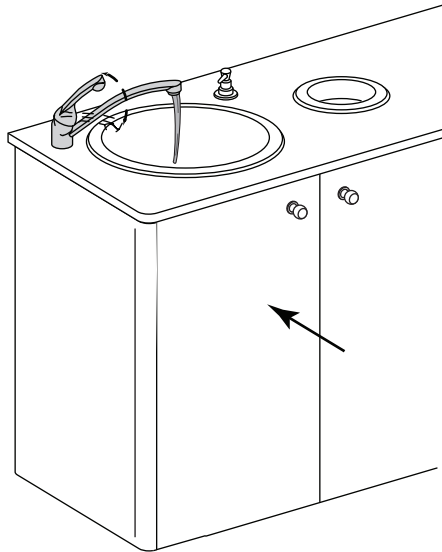
## Knee-Activated Faucet

Certain sink modules can be equipped with optional knee-activated faucets. The faucet dispenses hot and cold water, which is determined by the setting of the faucet handle.

To set the water temperature and flow:

Push in the cabinet door and move the faucet handle until you reach the desired setting (see Figure 15).

**Figure 15. Knee-Activated Faucet**



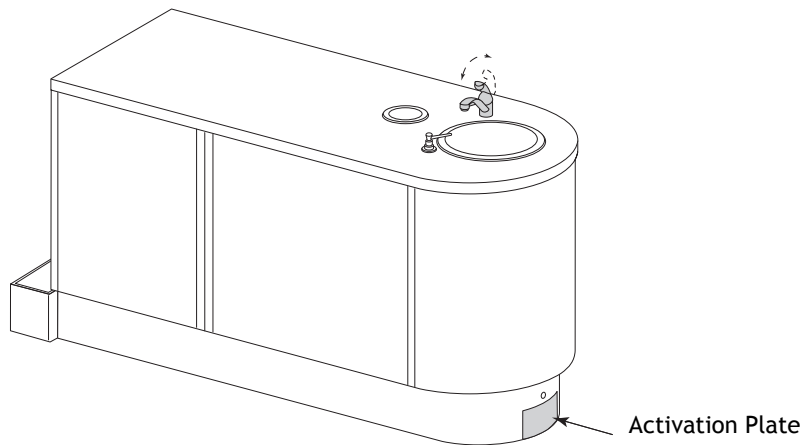
## Foot-Activated Faucet

The 5543 Central Console features an optional foot-activated faucet. The water temperature is determined by the setting of the faucet handle (see Figure 16).

To set the water temperature and appropriate flow rate:

Press the activation plate and move the faucet handle until you reach the desired setting.

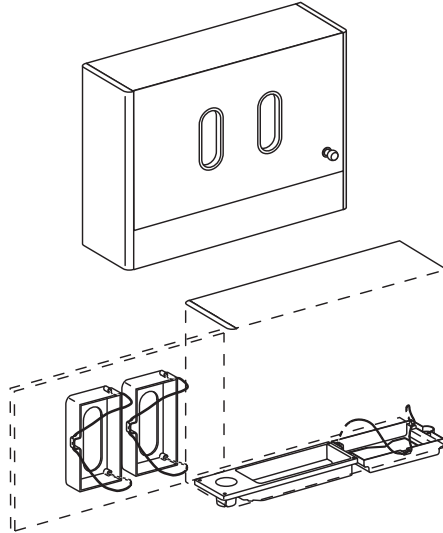
**Figure 16. Adjusting the Foot-Activated Faucet**



## Cup, Glove, Mask, and Towel Dispensers

Dispensers make frequently used items, such as cups, gloves, masks, and towels readily accessible in the operatory.

**Figure 17. Dispenser Locations**



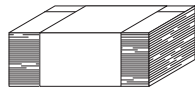
To refill the dispenser:

1. Open the cabinet doors.
2. Remove the empty box.
3. Place a new box or fresh supplies into the space.
4. Secure boxes with the elastic bands.

**Figure 18. Replacement Dispenser Supplies**



Cups  
Sweetheart® 5 oz  
(No. PO-5 or equivalent)



Paper Towels  
Crown-Zellerbach®,  
9-1/2" x 9-1/4", or equivalent multi-fold or Z-Fold

## Monitor Track Mount

The monitor track mount attaches to the underside of upper storage cabinets, providing viewing for doctor and assistant at 12 o'clock, patient/doctor/assistant at 3 o'clock, or patient/doctor at 9 o'clock. The track mount allows the monitor to glide easily in position on the cabinet mounted track.

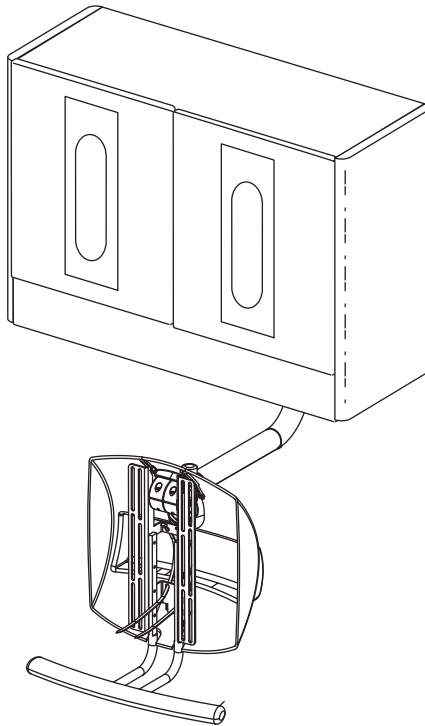


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**IMPORTANT** Monitor mount adjustment information is provided in the *A-dec Monitor Mounts Instructions for Use* document (p/n 86.0309.00), which is available in the Document Library at [www.a-dec.com](http://www.a-dec.com).

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**Figure 19. Monitor Track Mount on a 5731.34 Upper Storage**



## Soap Dispenser

Preference Collection dental furniture accommodates two types of soap dispenser fill systems:

- Under-the-counter small dispenser bottle
- Large commercial container dispenser



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**NOTE** CDC Infection Control guidelines indicate that dispensers should be washed and dried before refilling. The guidelines state: *Handwashing products, including plain (i.e. non-antimicrobial) soap and antiseptic products, can become contaminated or support the growth of microorganisms. Liquid products should be stored in closed containers and dispensed from either disposable containers or containers that are washed and dried thoroughly before refilling. Soap should not be added to a partially empty dispenser, because this practice of topping off might lead to bacterial contamination. Store and dispense products according to manufacturers' directions.*

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To fill the dispenser:

1. Remove the head and pump assembly from the bottle.
2. Insert the funnel into the bottle, then fill the bottle with liquid soap.
3. Remove the funnel, then reinstall the head and pump assembly.

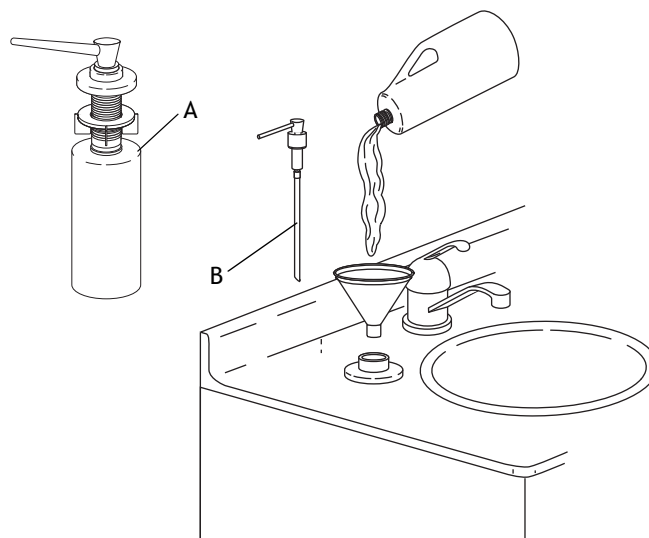


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**NOTE** Contact your local Delta<sup>®</sup> dealer for individual parts of the RP1000 Pump Assembly. Order replacement Chrome Soap Dispenser Assembly (p/n 042.584.00) from A-dec.

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**Figure 20. Fill the Small Bottle**



(A) Small Dispenser Bottle; (B) Pump Assembly

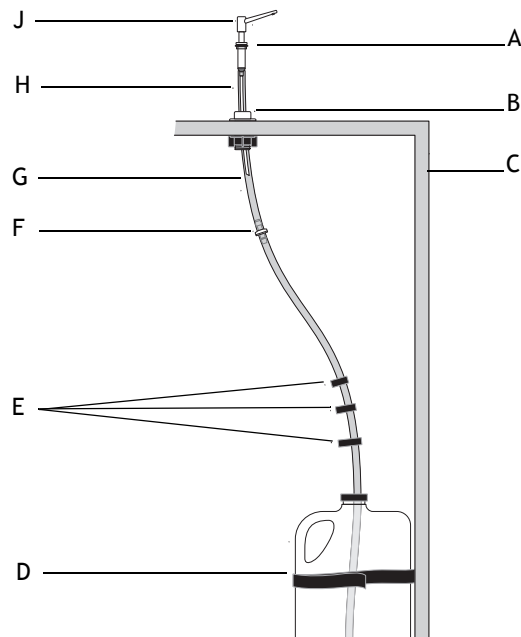


## Large Commercial Soap Container

To install a large commercial container for the soap dispenser:

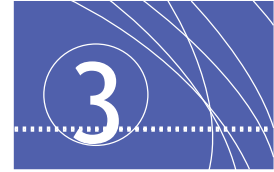
1. Attach the appropriate cap to the soap dispenser. Slide the remaining caps into the free end of the tubing for storage (see Figure 21).
2. Push the end of the tubing down through the attached cap to the bottom of the soap bottle.
3. Place the pump assembly in the dispenser base and pump until soap is dispensed.
4. Secure the soap bottle to the cabinet with the straps.

**Figure 21. Install Commercial Soap Container**



(A) Vinyl Ring; (B) Base; (C) Base Cabinet; (D) Soap Container; (E) Spare Caps;  
 (F) Check Valve; (G) Short Section of Tubing; (H) Pickup Tube; (J) Pump Assembly

# ADJUSTMENTS



## Hinges

Use the quick-release hinges for convenient door removal and replacement.

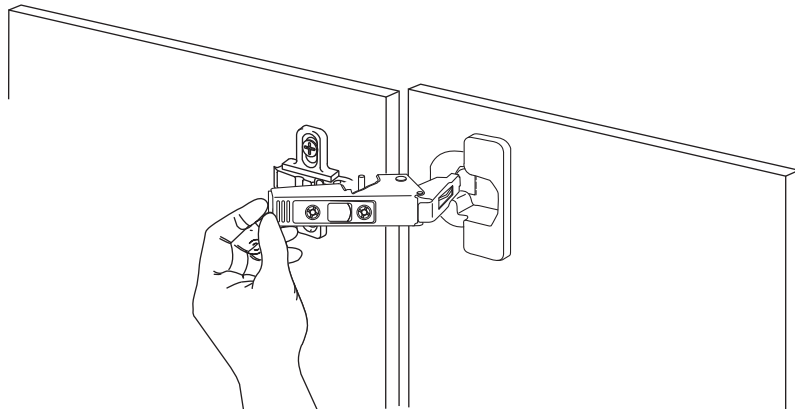
To remove the doors:

1. Press in the hinge locking tab.
2. Unlatch and remove the hinge.

To reinstall the doors:

1. Align the pin in the hinge with the front of the mounting plate
2. Snap the latch in place.
3. Swing the door back and forth several times to ensure the hinge is secure.

**Figure 22. Removing Doors**



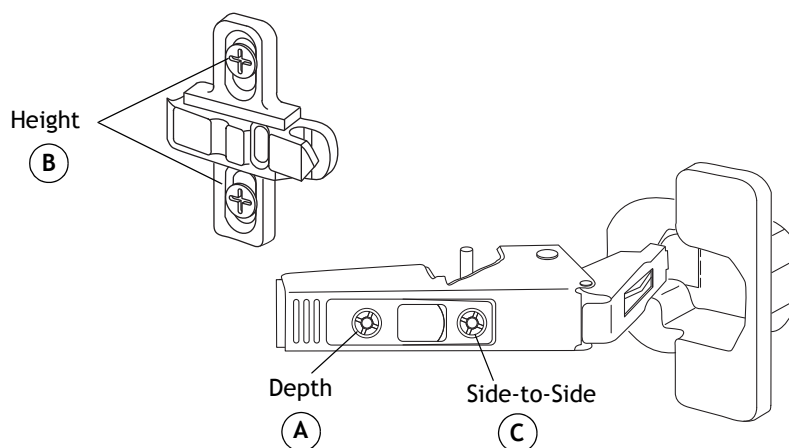
## Console Doors

The console doors are adjustable for depth, height, and side-to-side alignment.

**Table 2. Console Door Adjustments**

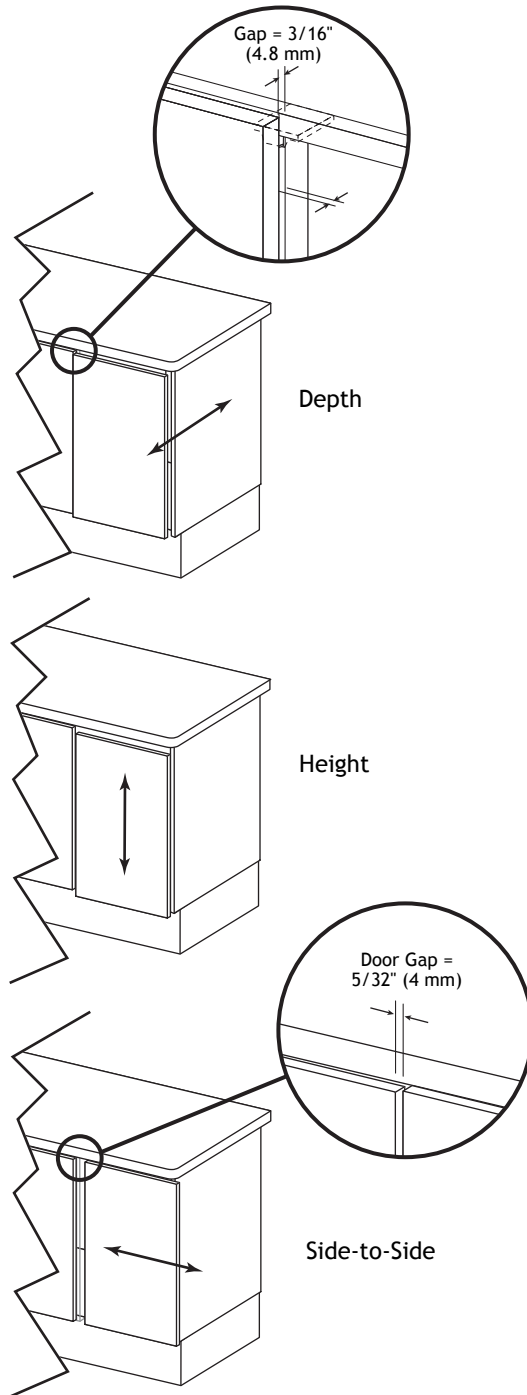
To Adjust...	Do This...
Depth	Turn screw "A" on both the upper and lower door hinges until the door is in the desired position.
Height	Loosen screws "B" on both the upper and lower hinge mounting plate 1/4 turn. Move the door up or down to the desired position, then tighten the screws.
Side to side	Turn screw "C" on both the upper and lower door hinges until the door is in the desired position.

**Figure 23. Hinge Adjustment Screws**



**NOTE** When making adjustments to the door hinges, use a #2 POZI screwdriver to avoid stripping the screws.

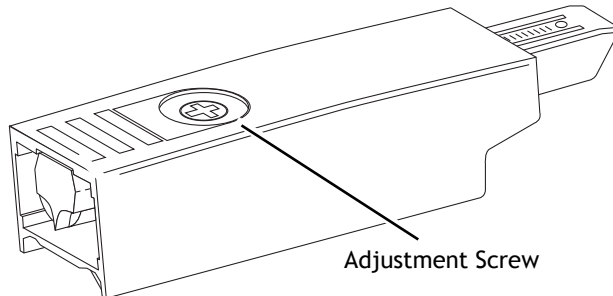
Figure 24. Door Adjustment



## Soft Close Adjustment

The soft close mechanism can be adjusted. Turn the screw counterclockwise to further dampen the door closing.

**Figure 25. Soft Close Adjustment**



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**NOTE** The soft close device can be over extended causing it to stick. Turn the adjustment screw clockwise until the mechanism releases.

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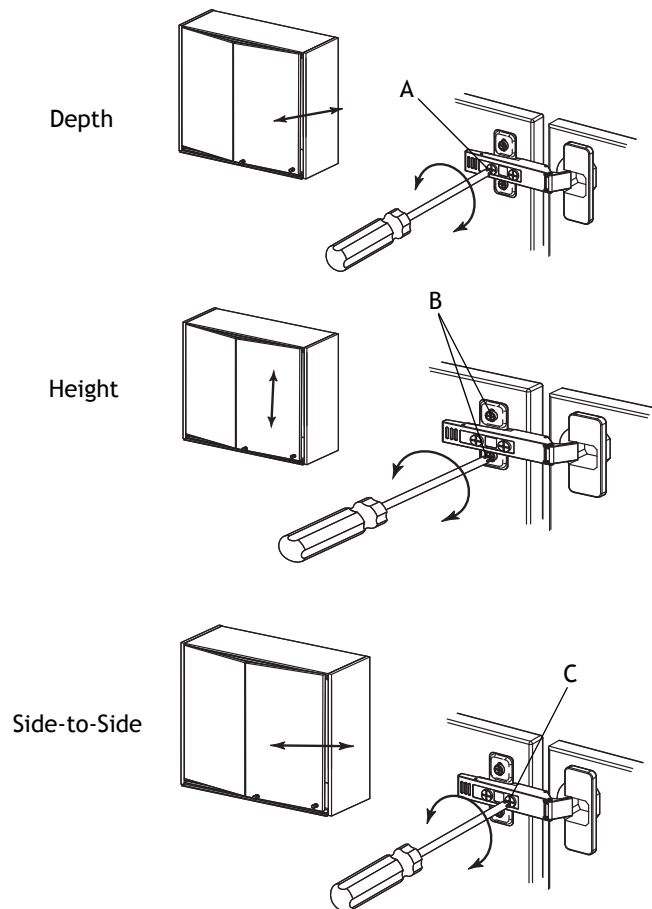
## Bifold Doors

The bifold doors can be adjusted for height, depth and side-to-side alignment as needed.

**Table 3. Bifold Door Adjustments**

To Adjust...	Do This...
Depth	Turn screws "A" on all hinges until the door is in desired position (see Figure 26).
Height	Loosen screws "B" on all hinge mounting plates 1/4 turn. Move the door up or down to the desired position, then tighten the screws.
Side-to-Side	Turn screw "C" on all door hinges until the door is in the desired position.

**Figure 26. Bifold Door Adjustments**



**NOTE** When making adjustments to the door hinges, use a #2 POZI screwdriver to avoid stripping the screws.

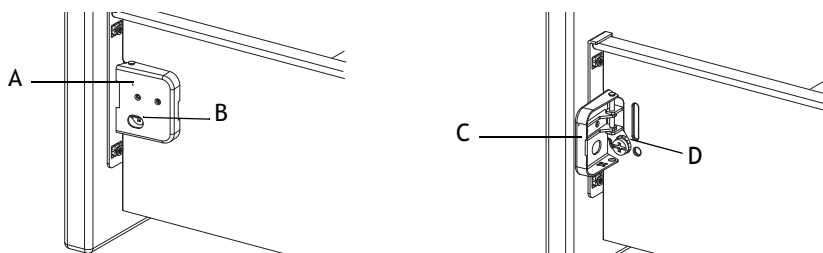
## Drawer Fronts

To adjust the drawer fronts:

### Reposition the Drawer Front Up

1. Turn the screw in the hinge clamp to the right.
2. Check your adjustment.

Figure 27. Open and Closed Drawer Hinges



(A) Closed Hinge; (B) Up Adjustment Screw; (C) Open Hinge; (D) Down Adjustment Screw

### Reposition the Drawer Front Down

1. Open the hinge with a screwdriver.
2. Turn the screw to the left and push the drawer front down.
3. Close the clamp and turn the screw to the right until the door front is in the desired position.

## Swing-Out Shelves

The optional swing-out shelves can be moved to accommodate objects of various sizes.

To raise or lower the swing-out shelf:

1. Remove contents from shelf.
2. Remove the bracket by removing the four screws that secure it to the cabinet.
3. Reinstall the swing-out shelf at the desired location.

To adjust the tension on the swing-out shelves:

Tighten or loosen the friction adjustment screw using a 5/32" hex key.

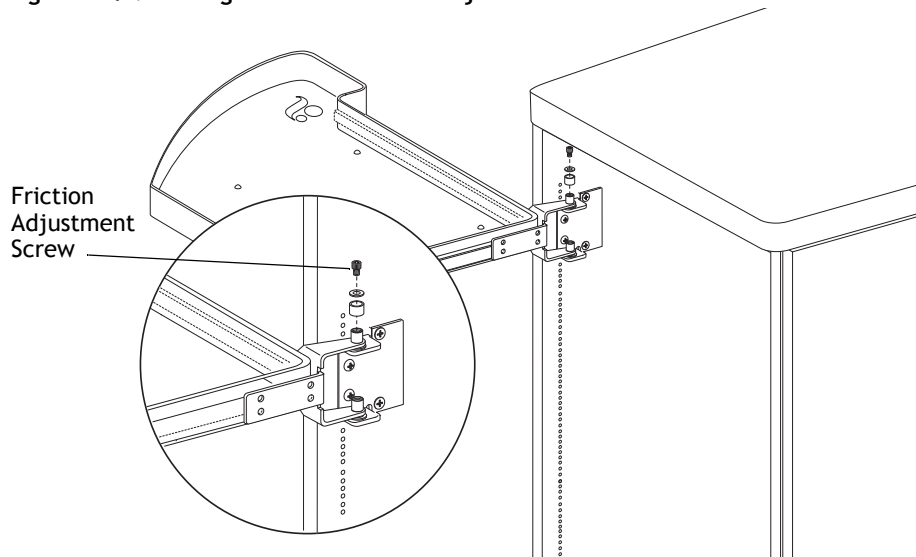


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**CAUTION** The swing-out shelf has a 10 lb. (4.5 kg) weight limit. Do not exceed this weight.

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**Figure 28. Mounting Bracket/ Friction Adjustment**





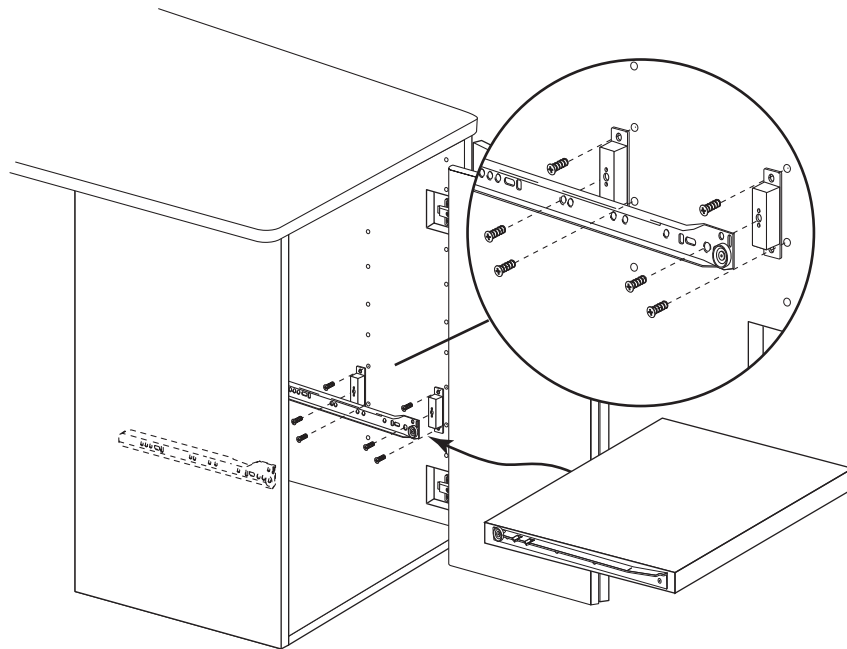
## Interior Drawers and Slide-Out Shelves

The optional interior drawers and slide-out shelves can be moved to accommodate objects of various sizes.

To raise or lower the drawer or shelf:

1. Remove the drawer or shelf by extending it fully from the module and lifting it from its slides.
2. Remove the slides by removing the screws that secure them to the cabinet. In some cases spacers are required to clear the door.
3. Reinstall the slides at the desired locations.
4. Reinstall the drawer or shelf.

**Figure 29. Moving the Drawer or Shelf Slides**



## Glass and Wood Shelves

The glass and wood shelves in the upper storage units can be moved as desired.



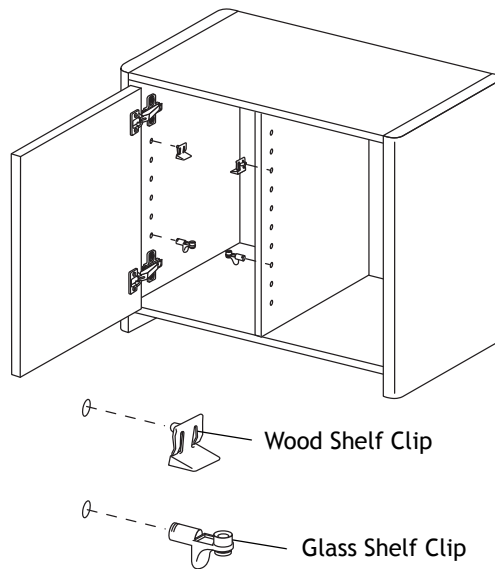
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**NOTE** Removal of doors may be necessary.

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1. Remove the shelves.
2. Remove and reinstall the shelf clips in the desired locations.
3. Reinstall the shelves.

**Figure 30. Moving Shelves**



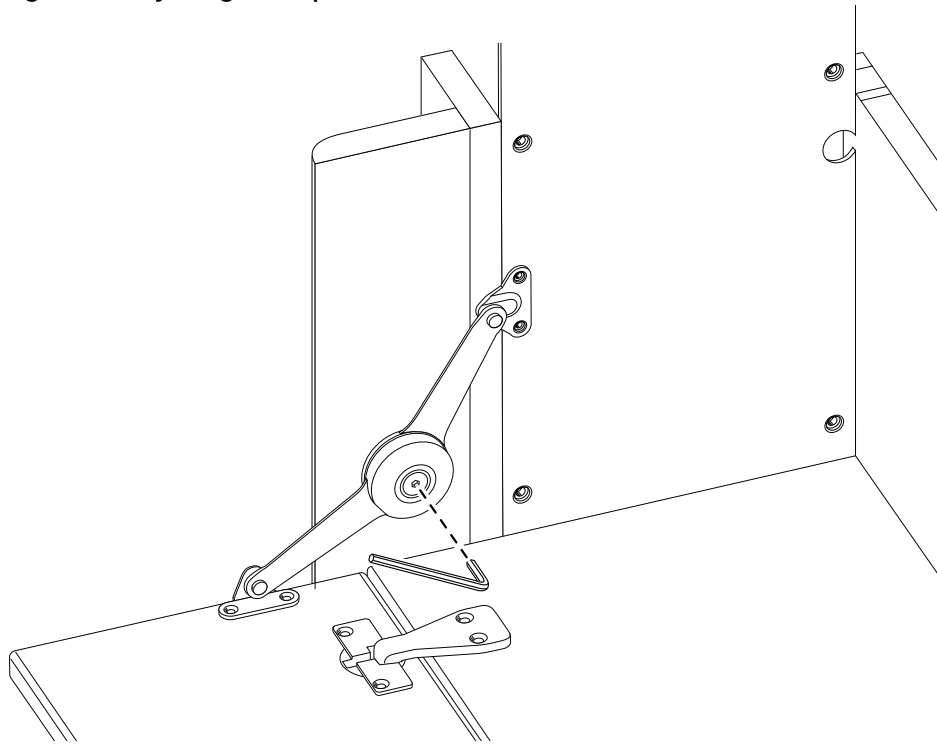
## Flip-Down Door

The optional flip-down door on treatment consoles, treatment columns, and inserts can be adjusted so it opens and closes at the desired speed.

To adjust the opening or closing speed of the door:

Use a 1/8" hex key to tighten or loosen the speed adjustment screw located at the pivot point. Turn the screw clockwise to make the door open slower or counterclockwise to make it open faster. If the screw stops, it has reached its adjustment limit. Do not tighten or loosen past this point.

**Figure 31. Adjusting the Flip-Down Door**



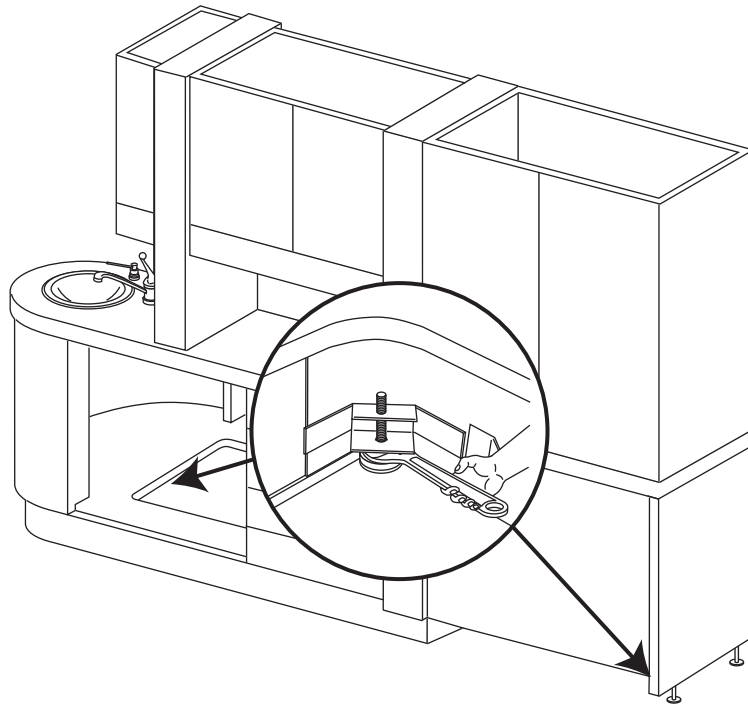
## Leveling

If the bifold doors are too easy or difficult to move, use a minimum two-foot-long leveling device to check the level of the doors.

To level the center console:

1. Loosen the subbase clamps.
2. Adjust each leveling foot located in the furniture subbase. Begin with the leveling feet located at the wash station, then continue to the leveling feet at the equipment end.
3. Check and repeat the leveling procedures until the console is level.
4. Retighten all subbase clamps.
5. Adjust the bifold door hinges, if necessary (Figure 26 on page 18).

**Figure 32. Adjusting the Leveling Feet**



## Water Shutoff Valves

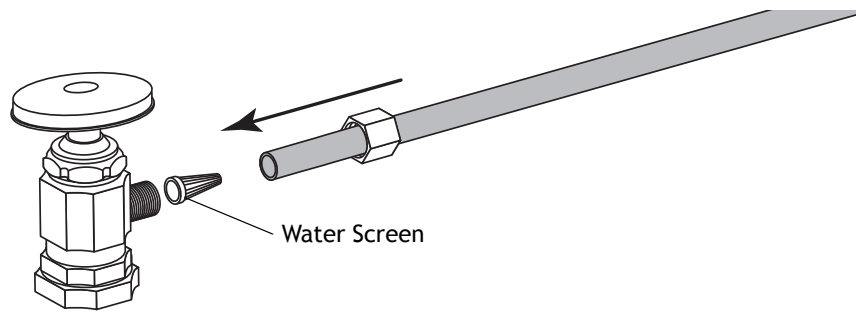
Preference Collection models that feature wash stations require water shutoff valves. The water shutoff valves, which would be located in the furniture subbase, control the flow of water to the sink faucets.

If the flow of water to a faucet is restricted, the water shutoff valve may have a water screen that has filled with debris.

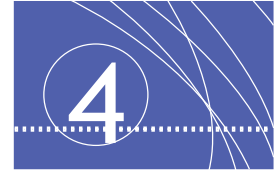
To check for a clogged water screen:

1. Purge the water in the lines or pinch off with hemostats.
2. Turn off the valve.
3. Use a 5/8" open-end or an adjustable wrench to loosen the nut.
4. If a water screen is present and found to be clogged, replace it.

**Figure 33. Water Shutoff Valve**



# MAINTENANCE AND CLEANING

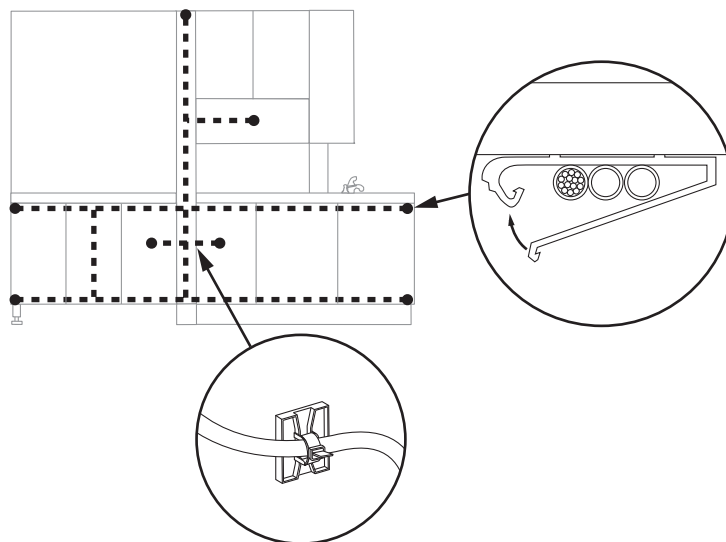


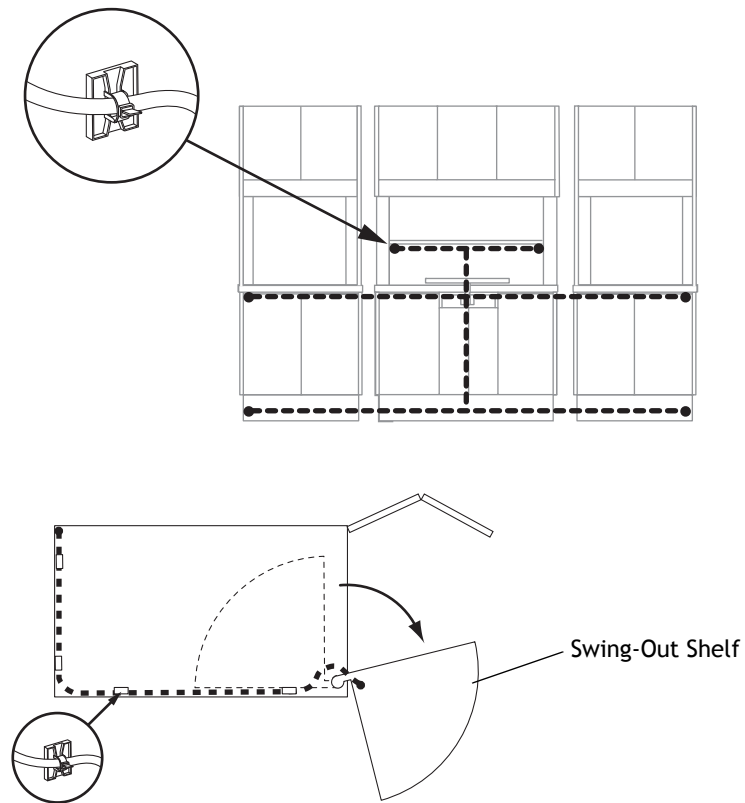
## Cable Chase System and Cord Management

Preference Collection furniture is designed with a built-in cable chase system that allows cables and wiring to be neatly routed through the furniture modules. For convenient routing using A-dec supplied fasteners, order the Cord Management Kit (p/n 56.0284.00).

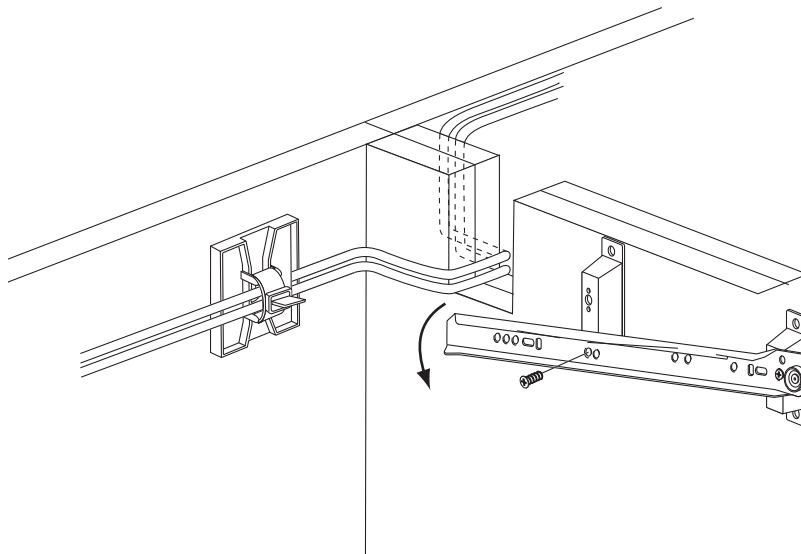
Here are examples of cord management:

Figure 34. Central Console



**Figure 35. Treatment Console Cable and Wire Routing**

When routing cables and wiring through the modules, ensure that there is sufficient clearance throughout to avoid interfering with the range of motion for the drawers and shelves (see Figure 35). In some cases a drawer slide may have to be removed to route the cables and wiring (see Figure 36). Reinstall the slide when the wiring is in place.

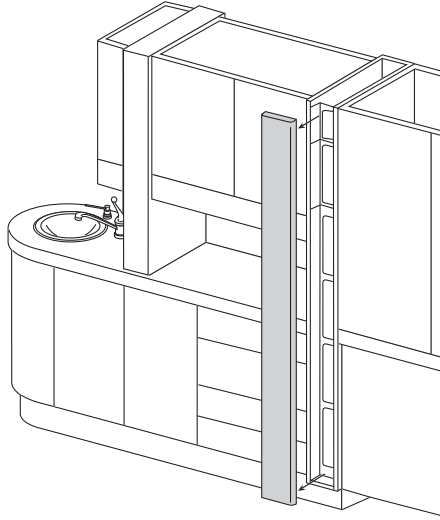
**Figure 36. Removing the Drawer Slide**

## Service Access for X-Ray Column

The side panels of the x-ray column can be removed for service access. The x-ray column also houses the A-dec dental light circuit breaker.

To remove the panels, simply hold the edge of the panel and pull firmly outward.

**Figure 37. Removing the X-Ray Column Panel**

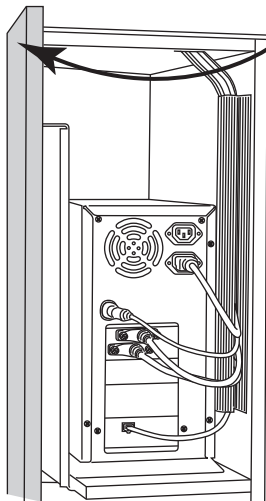


## CPU Access

The 5580 Treatment Console allows access to the back of a computer CPU stored in the CPU module.

For access to the back of the CPU, simply open the door at the back of the treatment console.

**Figure 38. Computer CPU**





# Cleaning Surfaces

## Solid Surface

Use warm water and mild soaps to clean solid surface countertops. Non-abrasive household cleaners such as Fantastik® and Formula 409® may also be used. Cleaning products with bleaching agents should not be used on solid surface. Large quantities of these agents and extended periods of exposure may cause discoloration. Abrasive cleaners (such as Comet®, Soft Scrub®, Bon Ami®, etc.) should not be used on solid surface except for removing tough stains, minor scratches, and burns.

If a stain develops on the surface, wipe it away with soap and water or glass cleaner. If a stain doesn't respond to soap and water and your surface has a matte finish, apply an abrasive cleanser and buff with a purple Scotch-Brite® pad using a circular motion. The same technique can be used for burns, minor cuts, and scratches.




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**CAUTION** Do not expose the surface to harsh chemicals. If these chemicals come in contact with the surface, immediately wash them off with water, using appropriate safety measures to avoid injury.

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## Laminate

To clean a laminate surface, use a damp cloth or a sponge and a mild soap or detergent. Difficult stains can be removed using a mild household cleaner/detergent and a soft bristle brush, repeating as necessary. If a stain persists, use a paste of baking soda and water, apply with a soft bristled brush. Light scrubbing for 10-20 seconds should remove most stains.

Although baking soda is low abrasive, excessive scrubbing or exerting too much force could damage the decorative surface, especially if it has a high gloss finish. Cleaner containing lye, steel wool or other abrasives will permanently damage any laminate surface.

## Quartz

To maintain Quartz surfaces, simply wash with a soft cotton cloth and warm water, using a mild soap if desired.



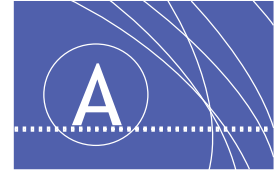

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**CAUTION** Do not use abrasive or strong alkaline or acid (high or low pH) cleaners such as bleach, oven cleaners, Comet®, Soft Scrub®, SOS®, products with pumice, batteries, paint removers, furniture strippers, tarnish or silver cleaners. Do not use abrasive or harsh scrub pads and do not apply any sealers, penetrants or topical treatments to the Quartz surface under any circumstances. Such products will wear off and cause the gloss to appear dull or inconsistent.

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## Asepsis Recommendations

For additional recommended asepsis instructions, refer to the *A-dec Equipment Asepsis Guide* (p/n 85.0696.00), which came with your Preference Collection dental furniture.



## APPENDIX A: WARRANTY

### Warranty

Warranty information is provided in the *Regulatory Information, Specifications, and Warranty* document (p/n 86.0221.00), which is available in the Document Library at [www.a-dec.com](http://www.a-dec.com).





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