

MINIBAR SYSTEMS

SMARTCUBE®

USER MANUAL



*Installation Instructions,
Operating Instructions and
Case Good Specifications
Models: SC-40T and DualBar*



4. Ventilation—Basic Principles and the SmartCube Environment	5
4.1 Inlet Ventilation	5
4.2 Shelf Cutout	6
4.3 Exhaust Ventilation	6
5. Cavity Opening for SmartCube Models	7
5.1 Insertable Cavity Opening	7
5.2 Snack Options	7
5.3 Door Options	11
5.4 Cable Holes (see Diagram B)	11
5.5 Diagram A – Cavity Opening	12
5.6 Level and Install	13
5.7 Diagram B – Cable Hole Placement for a Single Tray and Optional Electronic Lock	14
6. Temperature Regulation:	15
7. Enabling and Disabling Optional Lighting	15
8. Communications	16
9. Routine Maintenance and Cleaning	16
10. Installation Instructions	17
10.1 Door Shelf Replacement	17
10.2 Door Shelf Installation	20
10.3 SmartCube Shelf Replacement	22
10.4 Cube Shelf Installation	23
10.5 Console Box Replacement	24
10.6 Console Box Installation	25
10.7 Lock Override Enabled (when electronics malfunctions)	26
10.8 Lock Override Disabled (when electronics functions)	27
10.9 DualBar Installation	28
10.10 SmartCube Installation	31
11. Use, Safety, Recycling and Disposal	33
12. Minibar Systems Global Offices	34



Important Safety Instructions

WARNING

To reduce the risk of fire, electrical shock, or injury when using your appliance, follow these basic precautions:

- Read all instructions before using your appliance.
- **DANGER or WARNING: Risk of child entrapment.**
- **Before you throw away your old appliance: Take off the doors. Leave the shelves in place so that children may not easily climb inside.**
- **Never allow children to operate, play with, or crawl inside this or any other appliance.**
- **Never clean appliance parts with flammable fluids. The fumes can create a fire hazard or explosion.**
- **Do not store explosive substances such as aerosol cans or use gasoline or any other flammable propellants or liquids in the vicinity or in this or any other appliance. The fumes can create a fire hazard or explosion.**
- **This appliance is intended to be used in household and similar applications such as:**
 - staff kitchen areas in shops, offices and other working environments;
 - farm houses and by clients in hotels, motels and other residential type environments;
 - bed and breakfast type environments;
 - catering and similar non-retail applications.
- **If the mains power cord is damaged, at any time, it must be replaced by Minibar Systems, its service agent or similarly qualified person in order to avoid a hazard.**
- **SmartCube is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the SmartCube.**
- **WARNING: To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions**

-Save these instructions-

These User Instructions are for guidance for all SmartCube model SC-40T and DualBar units available.

To obtain the best possible performance and trouble free operation for your SmartCube it is very important to carefully read these instructions before user and observe the important safety information detailed.

1. **Unpacking the SmartCube**

- When unpacking the product, check for damage and missing parts. Damage in transit must be reported immediately to the carriers and your Minibar representative.
- The SmartCube's electronic service tray is not designed to bear weight. Do not stack SmartCube's or place heavy objects on top during transit to the guest room. Heavy objects would include items such as a television, case good, etc.
- Dispose of the packaging in accordance with your local recycling ordinances.

2. **Electrical Safety**

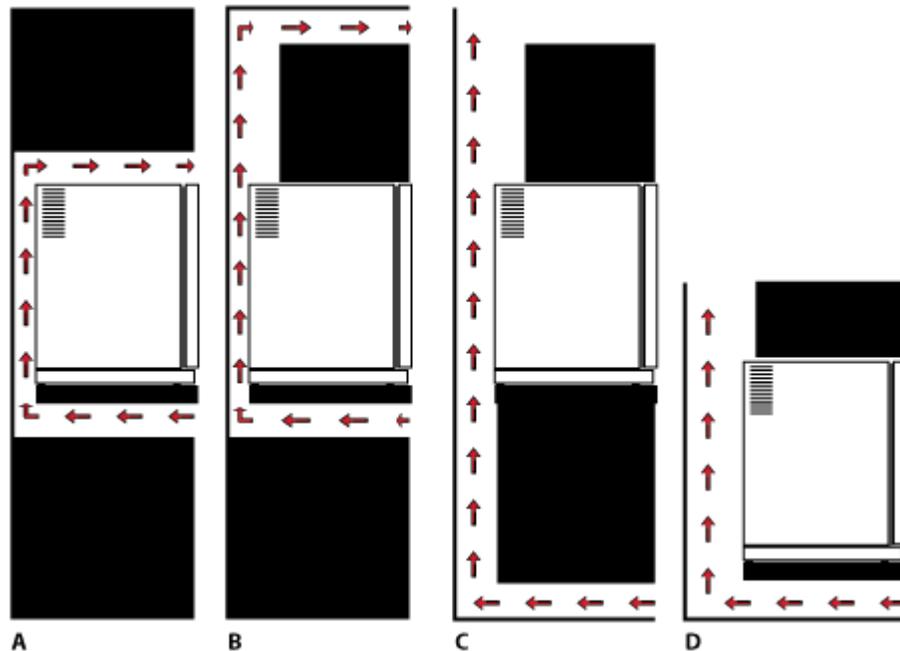
- Before installation, check the following IMPORTANT items for ELECTRICAL SAFETY and to obtain the best performance from your SmartCube.
- Before connecting the SmartCube to the mains power wall socket, verify the voltage stated on the product rating plate (inside the cold cube) is the same as the mains voltage supplied to the wall socket.
- A standard AC mains outlet plug (socket) with safety ground is provided. The AC mains supply to the SmartCube must be clean and stable.
- Make sure the mains power cord or any other cables are not trapped under the unit.
- If the mains power cord is damaged, at any time, it must be replaced by Minibar Systems, its service agent or similarly qualified person in order to avoid a hazard.
- The use of an extension cord is not recommended.
- Minibar Systems cannot be held responsible if these measures are not observed.

3. **FCC Statement:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

4. Ventilation—Basic Principles and the SmartCube Environment



See recommendations in A, B, C, and D on how to achieve adequate ventilation.

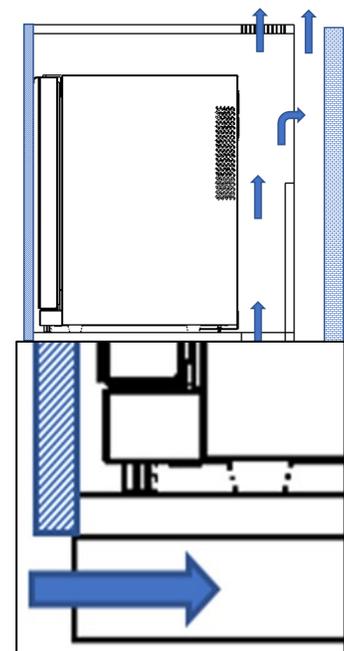
Ventilation occurs by convection. Convection is the transfer of heat by air currents. A cutout is required under the bar shelf for air circulation. It allows air to rise up over the cooling unit and exhaust out of the cabinet allowing for proper ventilation and performance of the SmartCube.

Minibar Systems would like to stress that proper ventilation for the SmartCube is imperative to ensure maximum efficient operation of the cooling unit. The SmartCube must not be placed against a heating radiator, window, direct sunlight or curtains. Visit <https://smartcube.minibarsystems.com/downloads/> for most up to date ventilation specification

4.1 Inlet Ventilation

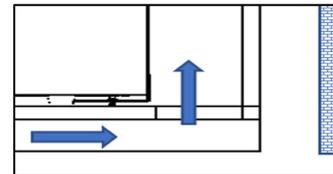
The inlet vent(s) must have a minimum of 31 in² (200 cm²) to comply with specifications. This is based on a typical guest room environment of 73° F (23° C) with a relative humidity of no more than 80%. The vent can be provided in any of the following configurations:

- i) A cutout in the toe kick
- ii) A series of slots in the toe kick
- iii) A grill in the toe kick
- iv) An arched opening in the toe kick



4.2 Shelf Cutout

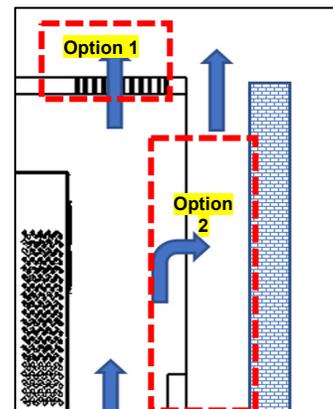
The shelf is to be cut away directly below the cooling unit at 14.17" (360 mm) from the back of the door. This must be a minimum open area of 31 in² (200 cm²). This is important for maximum cooling efficiency. The easiest way to accomplish the required ventilation is to cut away the shelf across its complete width and extend the cut out back to the rear of the case good.



4.3 Exhaust Ventilation

The exhaust vent(s) must have a minimum of 31 in² (200 cm²) to comply with specifications. The vent can be provided in any of the following configurations:

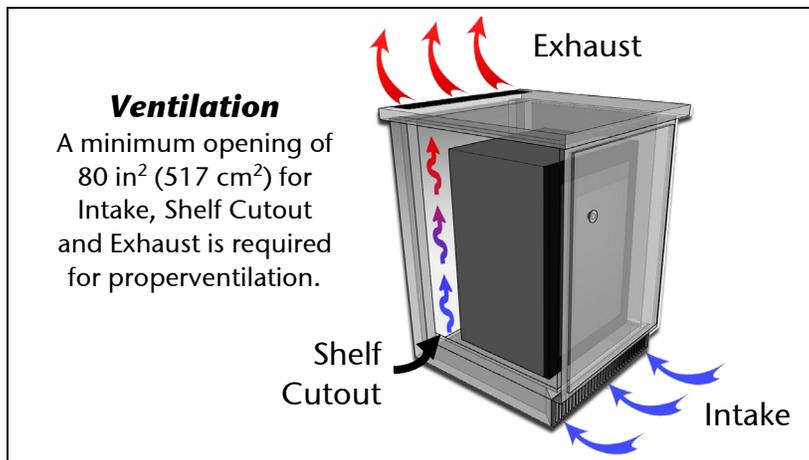
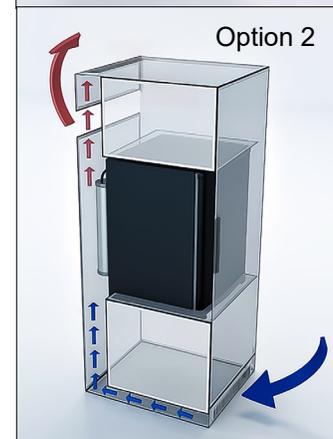
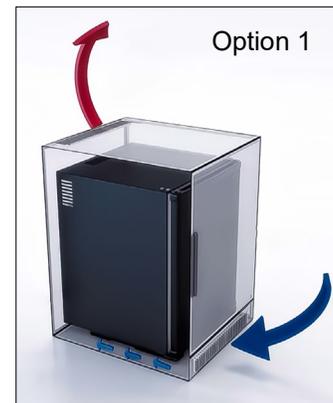
- i) A series of slots in the top (see Option 1)
- ii) A grill in the top (see Option 1)
- iii) If the design will not permit the use of slots or grills, the unit can be spaced 2" (50.8 mm) from the wall to allow exhaust. It is recommended that spacers be used to prevent the case good from being pushed against the wall. The underside of the shelf above the SmartCube must be flat so no obstruction is caused to the airflow. In this instance the back of the unit housing the SmartCube must be cut away completely (see previous diagram Option 2).



The exhaust vent must exit into free space in the guest room. *It must not vent into an enclosed space such as a closet, case good or ceiling void, as the heat will be trapped. The SmartCube must not be placed against a heating radiator, window, direct sunlight or curtains. Ventilation grills or slots must not be covered.*

For more information, refer to the SmartCube Case Good Specifications manual available from your Minibar representative or from the Minibar Systems website.

Visit <https://smartcube.minibarsystems.com/downloads/> for most up to date ventilation specification



5. Cavity Opening for SmartCube Models

The physical cavity opening must be larger than the SmartCube to allow a minimum of 0.5" (12.7 mm) at both sides and top. This will allow the SmartCube to be removed as needed and allows access to the top cap for servicing.

If the case good spec is designed to have a lip it must not cover access to the minibar top cap for servicing. If you have any questions, please consult Minibar Systems.

Please contact Minibar Systems for review of your case good drawings.

SmartCube Dimensions

	Model	Height	Width	Depth*
	SC-40	22.92" 582.4 mm	16.14" 410 mm	18.7" 475 mm
	GF-27	22.92" 582.4 mm	12.2" 310 mm	18.7" 475 mm
	DualBar	22.92" 582.4 mm	28.465" 723 mm	18.7" 475 mm

5.1 Insertable Cavity Opening

(see Diagram A in Section 4)

	Height	Width	Depth*
SC-40	26.66" 677 mm	20.47" 520 mm	23.43" 595 mm
GF-27	26.66" 677 mm	16.532" 420 mm	23.43" 595 mm
DualBar	26.66" 677 mm	36.22" 920 mm	23.43" 595 mm

5.2 Snack Options

The SmartTray will generally be placed on top of the SmartCube, on a desk or credenza whereas the ambient snack tray is mounted in a drawer or stationary/pull out shelf behind a case good door. For general purposes, if the snack section is behind the case good door the minimum height requirement is 8" (203.2 mm) with a divider wall 9.8" (248.92 mm) from the inside face of case good door (see Diagrams A and B for cavity requirements). The internal color of this area must be matt black or dark. If any variations are to be considered, please consult Minibar Systems for further assistance.

SmartCube was designed to support unlimited external capacity for snack and sundry items the hotel may wish to make available. If the hotel is using multiple SmartTrays or ambient snack trays, please consult Minibar Systems for further assistance since hole requirements will vary. If a SmartTray is used in a pull out shelf application, a separate rack is required to support products.

Black ambient snack trays come in the following configurations:

	Snack Tray	Height	Width	Depth
	4 sensors	.85" 21.59 mm	13" 330.2 mm	3.65" 92.71 mm
	8 sensors	.85" 21.59 mm	13" 330.2 mm	6.3" 160.02 mm
	10 sensors	.85" 21.59 mm	16.1" 409 mm	6.3" 160.02 mm

SmartTrays come in the following leatherette (**Short**) configurations:

	SmartTray	Height	Width	Depth
	2 sensor Leatherette	2.25" 57 mm	8.875" 225.425 mm	4.8125" 122.2375 mm
	4 sensor Leatherette	2.25" 57 mm	14.8" 375.92 mm	4.8125" 122.2375 mm
	8 sensor Leatherette	2.25" 57 mm	14.8" 375.92 mm	8.0625" 204.787 mm
	10 sensor Leatherette	2.25" 57 mm	18.385" 467 mm	8.0625" 204.787 mm

SmartTrays come in the following leatherette (**Tall/Drawer**) configurations:

	SmartTray	Height	Width	Depth
	2 sensor Leatherette	3.125" 79.38 mm	8.875" 225.425 mm	4.8125" 122.2375 mm
	4 sensor Leatherette	3.125" 79.38 mm	14.8" 375.92 mm	4.8125" 122.2375 mm

	8 sensor Leatherette	3.125" 79.38 mm	14.8" 375.92 mm	8.0625" 204.787 mm
	10 sensor Leatherette	3.125" 79.38 mm	18.385" 467 mm	8.0625" 204.787 mm

SmartTrays come in the following leatherette **(Wi-Fi)** configurations:

	SmartTray	Height	Width	Depth
	4 sensor Leatherette	3.125" 79.38 mm	14.8" 375.92 mm	4.8125" 122.2375 mm
	8 sensor Leatherette	3.125" 79.38 mm	14.8" 375.92 mm	8.0625" 204.787 mm
	10 sensor Leatherette	3.125" 79.38 mm	18.385" 467 mm	8.0625" 204.787 mm
	12 sensor Flat Tray Black wood	2.5" 63.5 mm	16.125" 409.57 mm	12.125" 307.97 mm
	12 sensor Tiered Tray Black wood	Front 1.75" (44.45 mm) Back 3.75" (95.25 mm)	16.5" 419.1 mm	16.125" 409.57 mm



SmartTrays comes in the following black wood configurations:

	SmartTray	Height	Width	Depth
	Single sensor	2.5" 63.5 mm	4.5" 114.3 mm	4.5" 114.3 mm
	Two single sensors	2.5" 63.5 mm	9" 228.6 mm	4.5" 114.3 mm
	4 sensor Flat Tray	2.5" 63.5 mm	16.125" 409.57 mm	6.75" 171.45 mm
	8 sensor Flat Tray	1.875" 47.63 mm	16.5" 419.1 mm	9.625" 244.48 mm
	12 sensor Flat Tray	2.5" 63.5 mm	16.125" 409.57 mm	12.125" 307.97 mm
	12 sensor Tiered Tray	Front 1.75" (44.45 mm) Back 3.75" (95.25 mm)	16.5" 419.1 mm	16.125" 409.57 mm

5.3 Door Options

The hotel can select from the following door options:

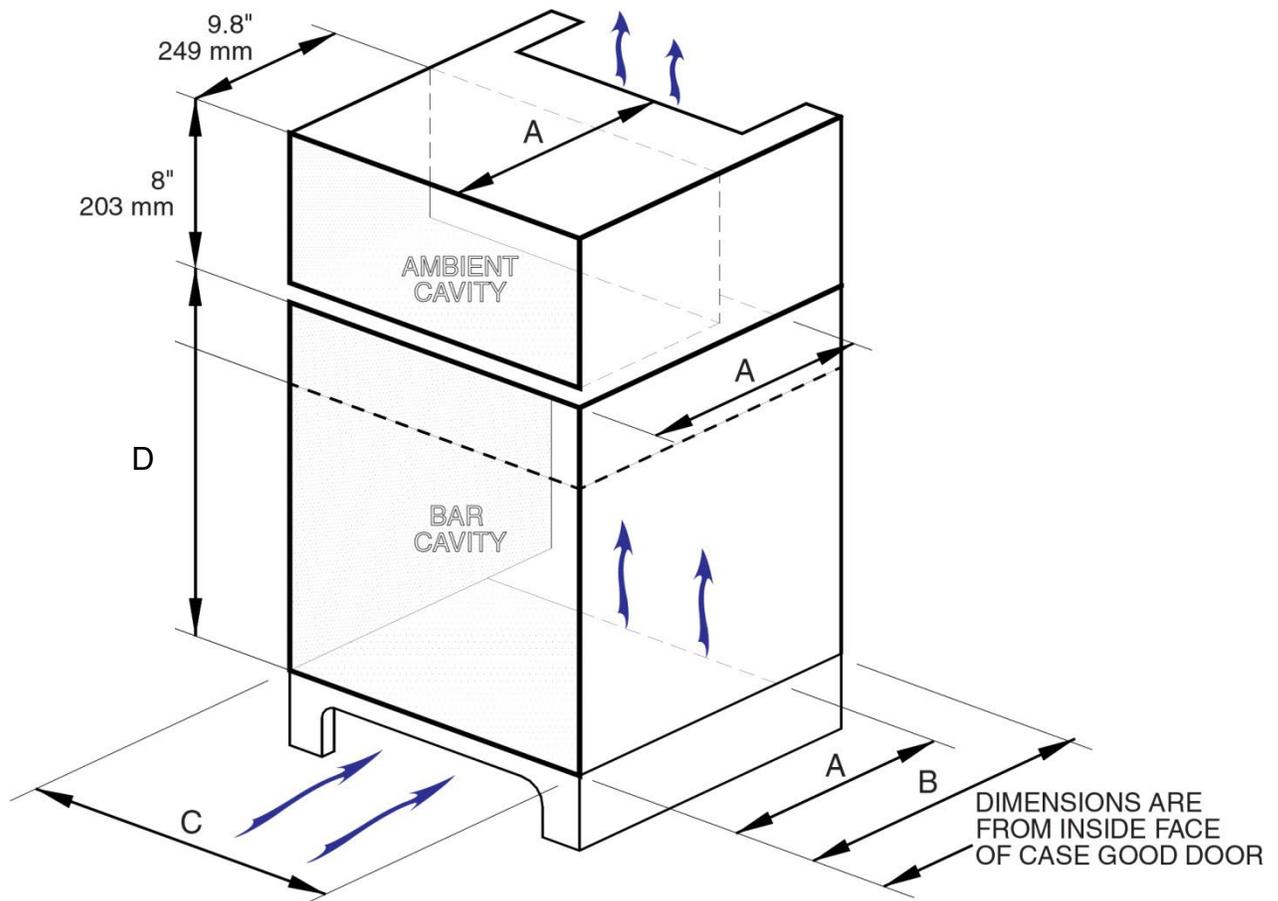
	Solid Door	Glass Door
SC-40		
GF-27		
DualBar		

5.4 Cable Holes (see Diagram B)

- 5.4.1 *Diagram B shows the position of the cable holes drilled through the divider wall in the case good if an optional electronic lock and/or ambient snack trays are installed. The diagram illustrates drilling for both right-hand and left-hand hinged bars.*
- 5.4.2 *If the ambient snack tray is to be positioned on top of the case good surface or in a stationary/pullout drawer, consult Minibar Systems for guidance and data cable routing. Provisions must be made for the cable that runs from the SmartCube to the ambient snack tray.*

5.5 Diagram A – Cavity Opening

Minibar	A ^{±*}	B ^{±*}	C	D
SC-40i	17.91" 455 mm	22.64" 575 mm	20.47" 520 mm	26.66" 677 mm
GF-27i	17.91" 455 mm	22.64" 575 mm	16.53" 420 mm	26.66" 677 mm
DualBar	17.91" 455 mm	22.64" 575 mm	36.22" 920 mm	26.66" 677 mm



Notes

- All dimensions are internal
- Placement of bar begins 0.5" (13 mm) inside the case good door
- All tolerances 0.12" (3 mm)
- *If the key is stored in the minibar lock, allow an additional 1.2" (30 mm)
- 8" (203.2 mm) recommended for height of ambient housing section for snacks
- Please consult Minibar Systems if hotel is using 2 or more SmartTrays
- The material covering the top of the Ambient Cavity should be matt black
- The height of the Drawer bar cavity is 19" or 483 mm
- Not to scale

5.6 Level and Install

- Before installation, check the surface where the SmartCube is to be placed. It MUST be solid, flat and level.
- For optimum performance of the cooling system, it is recommended that the level is checked in both planes – see the Level Diagram below.
 - If it is not level, remedial action must be taken to level the surface.
- For safety, secure or anchor the SmartCube to the floor using screws appropriate for the material and thickness of the case good floor. Holes can be found in each front foot and covers are provided for aesthetic purposes.
- Ensure the mains power cord and any other cables are not trapped under the unit.
- For more information, refer to the SmartCube Case Good Specifications manual available from your Minibar representative or from the Minibar Systems website.

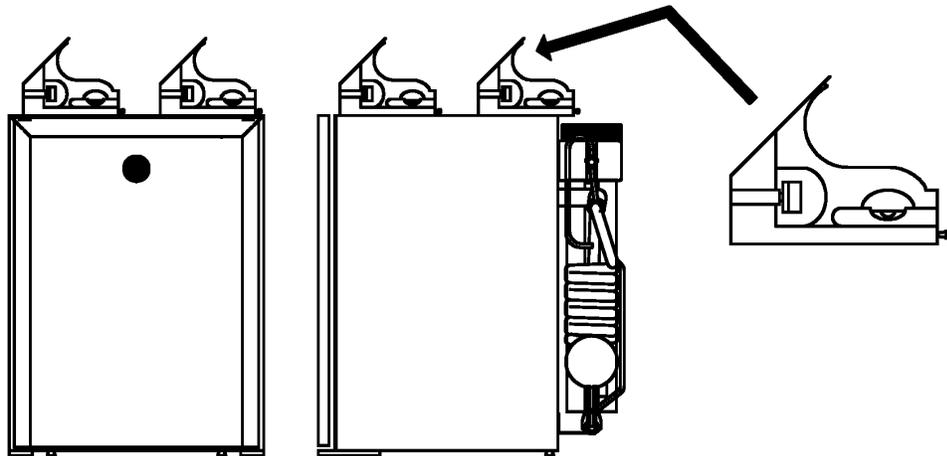
Level Diagram

Typical level checks in both planes for optimum performance of the SmartCube.

VIEW

SIDE VIEW

FRONT



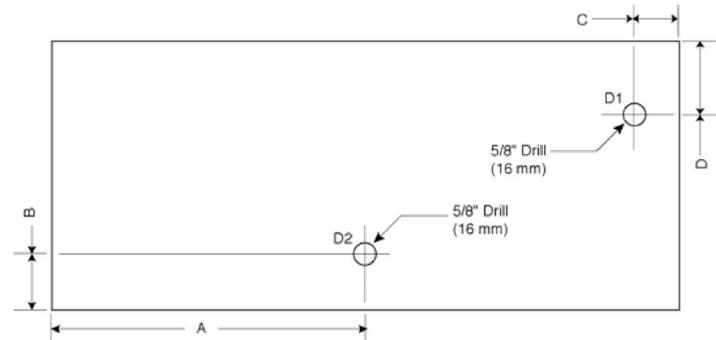
5.7 Diagram B – Cable Hole Placement for a Single Tray and Optional Electronic Lock

REFERENCE	HOLE DIAMETER	NUMBER OF HOLES
D1 – Optional Electronic Lock	5/8" (16 mm)	1
D2 – Ambient Snack Tray	5/8" (16 mm)	1

Left Hinge Bar

D1 Hole Placement	C	D
Horizontal Lock	0.79" (20 mm)	0.79" (20 mm)
Vertical Lock	0.4" (10 mm)	2.6" (65 mm)

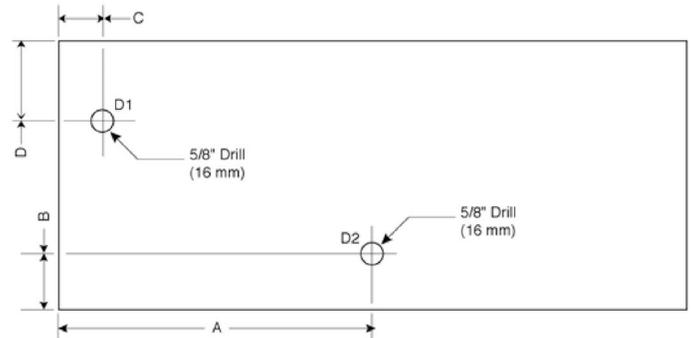
D2 Hole Placement	A*	B
2x4 Tray	13.3" (338 mm)	0.4" (10 mm)
2x5 Tray	14.9" (378 mm)	0.4" (10 mm)



Right Hinge Bar

D1 Hole Placement	C	D
Horizontal Lock	0.79" (20 mm)	0.79" (20 mm)
Vertical Lock	.4" (10 mm)	3.1" (78 mm)

D2 Hole Placement	A*	B
2x4 Tray	13.3" (338 mm)	0.4" (10 mm)
2x5 Tray	14.9" (378 mm)	0.4" (10 mm)



Notes

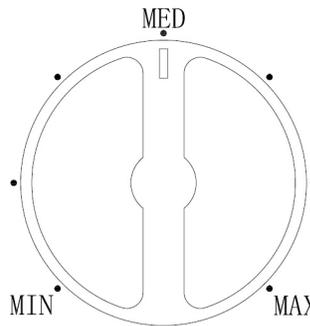
- Dimensions are in inches and millimeters
- *Depends on tray placement in cavity. Contact Minibar Systems for assistance.
- See Section 3.3 if using multiple trays, hole placement may vary
- All dimensions are internal
- All tolerances 0.12" (3 mm)
- Roller catches are not required if optional electronic lock is used
- Not to scale

6. Temperature Regulation:

- The operating temperature of the SmartCube is subject to many factors: the correct and level installation, proper ventilation, the internal product load, etc.
- The temperature control box is factory set for optimum performance for the SmartCube.
- For cooling adjustment, the temperature control box can be reset by moving the dial on the unit – see the Temperature Adjustment Diagram below.
- The box is positioned on the back of the SmartCube.
- The cooling cycle has automatic defrost every 24 hours.

Temperature Adjustment Diagram

The factory setting can be adjusted by rotating the dial.
MAX is for maximum cooling.



MIN	37.4°F/ 3°C
• 1	42.8°F/ 6°C
• 2	48.2°F/ 9°C
MED	53.6°F/ 12°C
• 3	59°F/ 15°C
• 4	64.4°F/ 18°C
MAX	71.6°F/ 22°C

7. Enabling and Disabling Optional Lighting

SmartCube has a standard exterior and interior lighting feature for Flexi and Automated models. The intensity of the lighting is controlled via the S3 software and can be adjusted from an off position to level 10 as desired. This is a programmable feature set up during the installation of the SmartCubes at the hotel. Classic model lights are not programmable. If the hotel requires the BLUE LEDs to be switched off, there is an isolator switch fitted to the PCB at the front of the service tray. It can be set to the off position. Enabling and Disabling Optional Lighting:

8. **Communications**

- Some SmartCube models have the ability to communicate to the Minibar Systems computer server via an integral modem device.
- Internal data is gathered and then automatically communicated to the server.
- In addition, data can be transmitted to the SmartCube using a wireless hand held unit by the hotel. This will also be automatically communicated to the server.
- The communications within the hotel will be set up by the Minibar Systems installation team in coordination with the hotel and their network management team. The appropriate training will be provided to the hotel personnel.
- For specific details on communication types, refer to the SmartCube Technical Specifications manual. It is available from your Minibar representative or from the Minibar Systems website.

Note: See the Certification section regarding the FCC Statement for communications.

9. **Routine Maintenance and Cleaning**

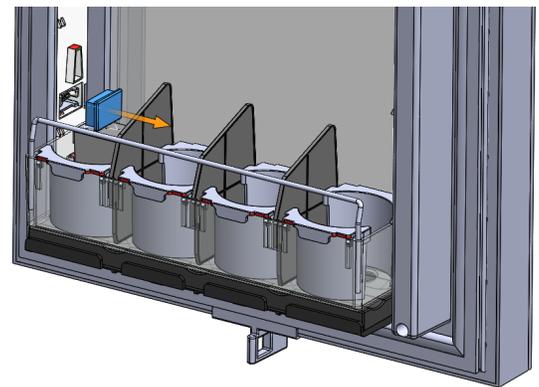
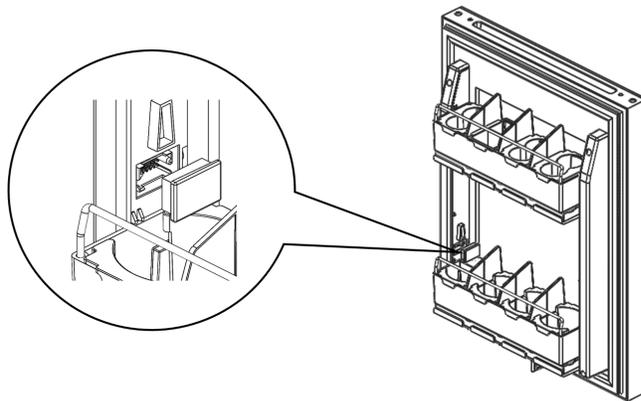
- If the unit is fitted with an absorption cooling unit, it is recommended on an annual basis to check for any leakage or small yellow type stains. If present, change the cooling unit. Please contact your Minibar Systems representative for assistance.
- It is advisable to clean away any dust from the cooling unit and debris from the ventilation inlet and exhaust vents, and shelf cutouts.
- For any other malfunction with the SmartCube, contact your Minibar Systems representative for advice.
- Occasionally, it may be necessary to clean the inside of the SmartCube. For Classic and Flexi models, simply use a soft damp clean cloth on the plastic surfaces. For the Automated model, it would be best to do this during a refill operation while the SmartCube is offline for the refill. Alternatively, it will be necessary to suspend the communications to the bar at the base station server prior to cleaning.
- It is important NOT to use too much water, strong chemicals, cleaning agents, soap or abrasive cleaning materials.
- If appropriate, the outside of the SmartCube can also be wiped down using a soft damp clean cloth.

10. Installation Instructions

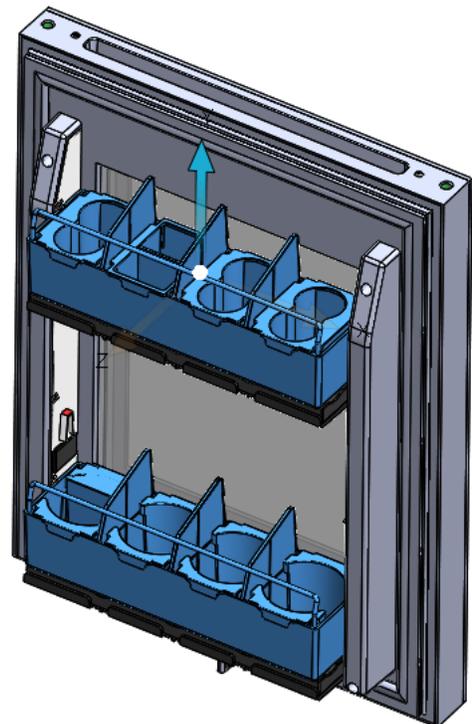
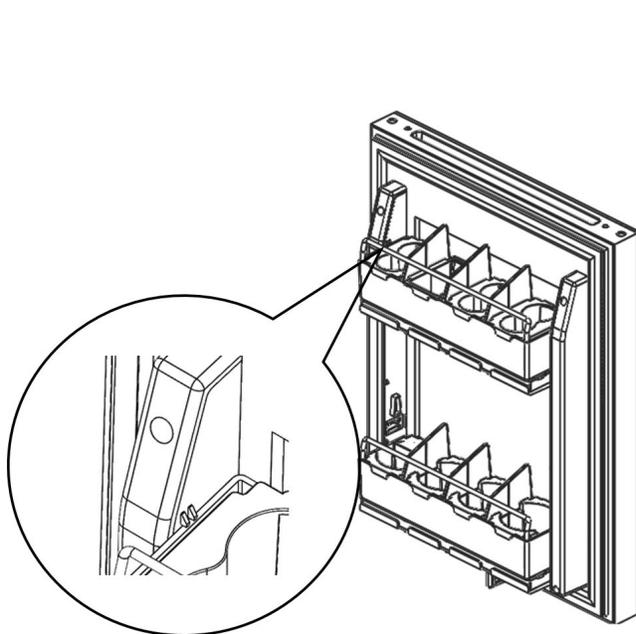
These Installation Instructions are for guidance for all SmartCube models SC-40T units available.

10.1 Door Shelf Replacement

To remove the door-mounted shelf you will need to first remove the rubber plug on the left side of the door shelf column that is protecting the un-used backplane connector.

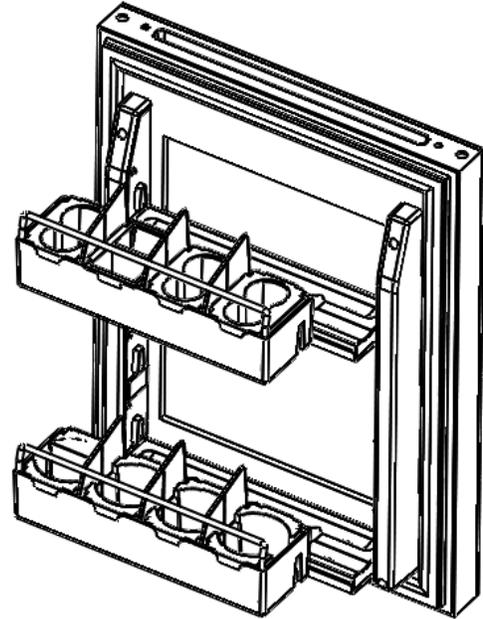
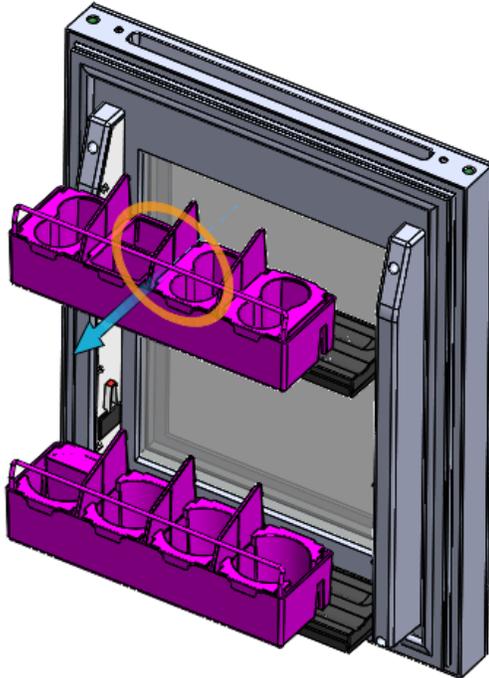


Free the door racks from the plastic tab locking features by squeezing onto the sides of the door shelf column. Lift up on the door rack kit to release.

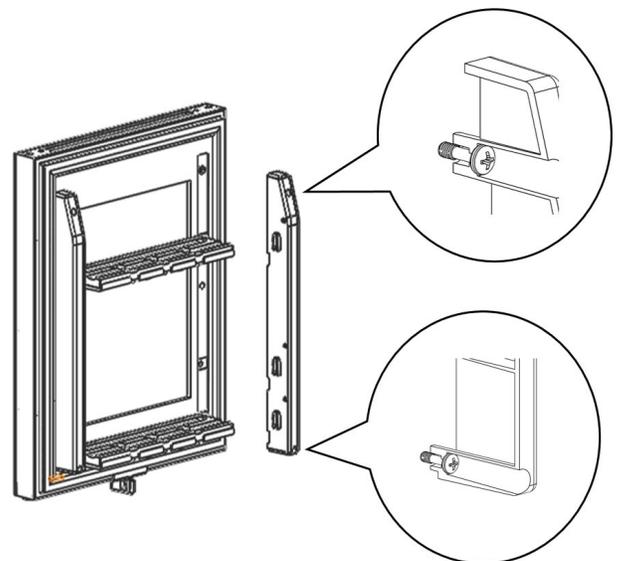
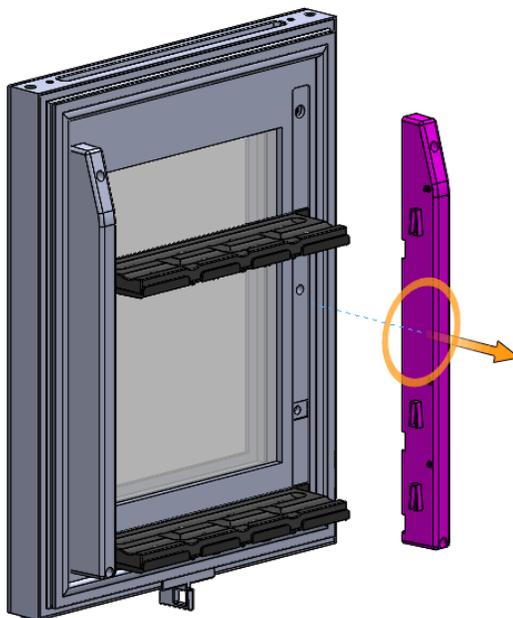


User Manual

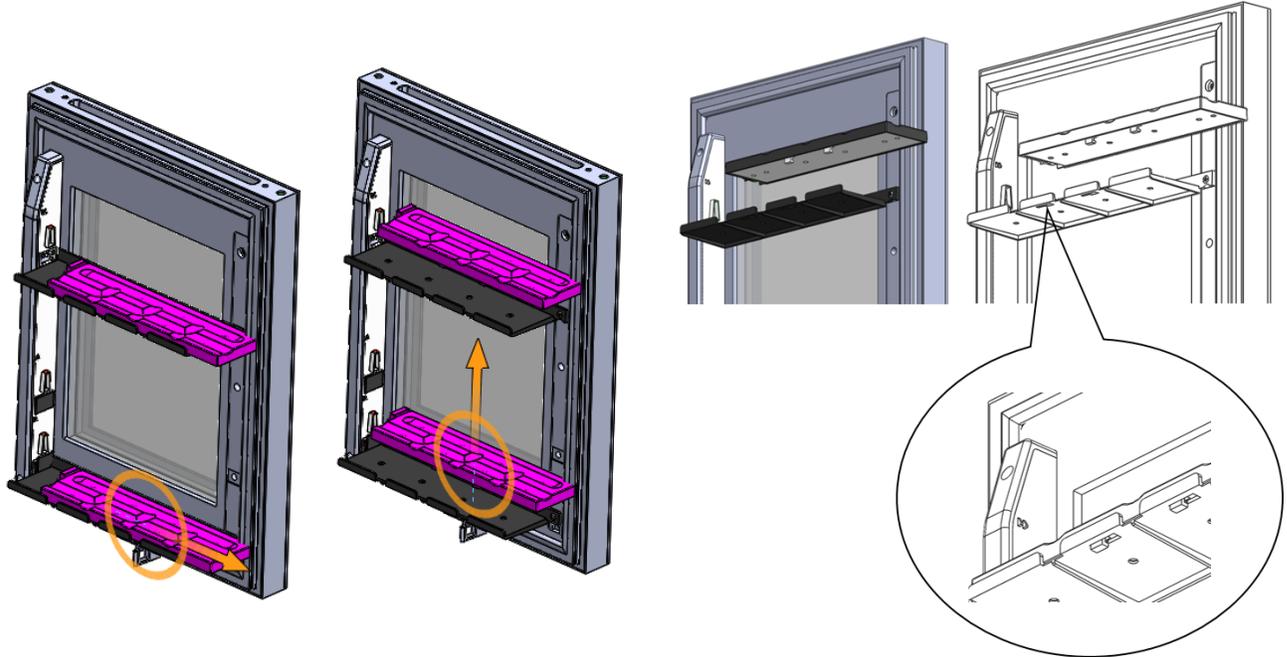
The door rack will now be loose and able to slide out the upper and lower door rack kit.



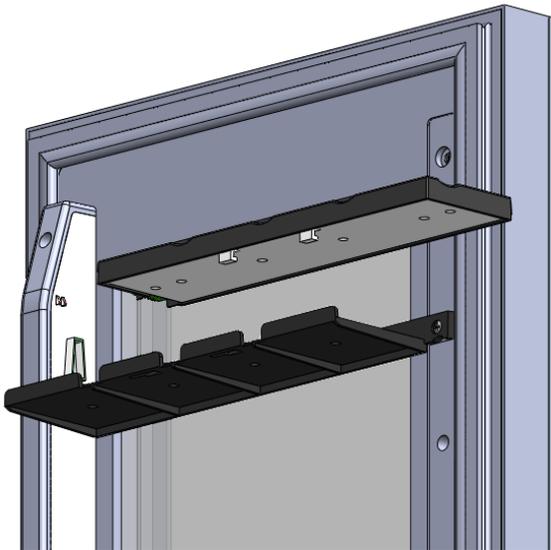
Un-screw the right side door shelf column using a Philips head screw driver and remove the shelf column.



Disconnect door sensor shelf from the backplane board and the release engagement feature by sliding door sensor shelf to the right.



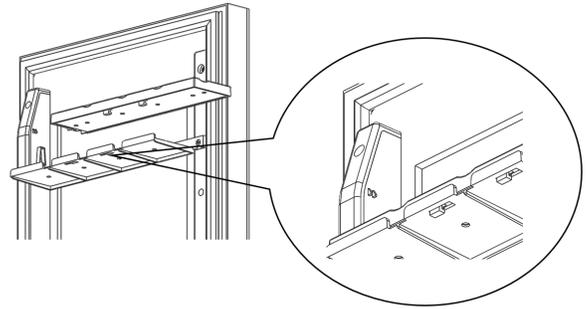
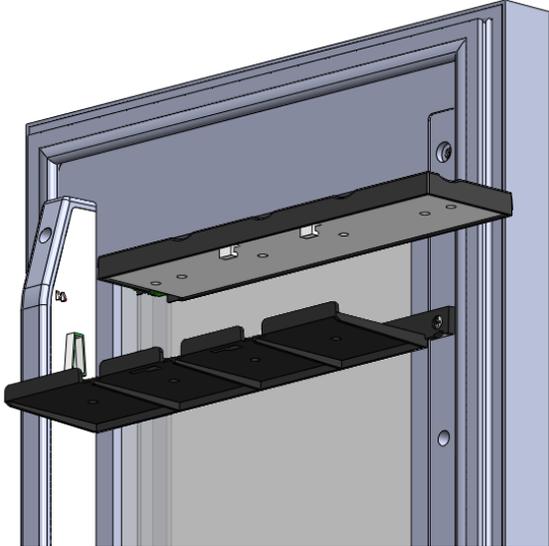
Remove the sensor shelves for replacement.



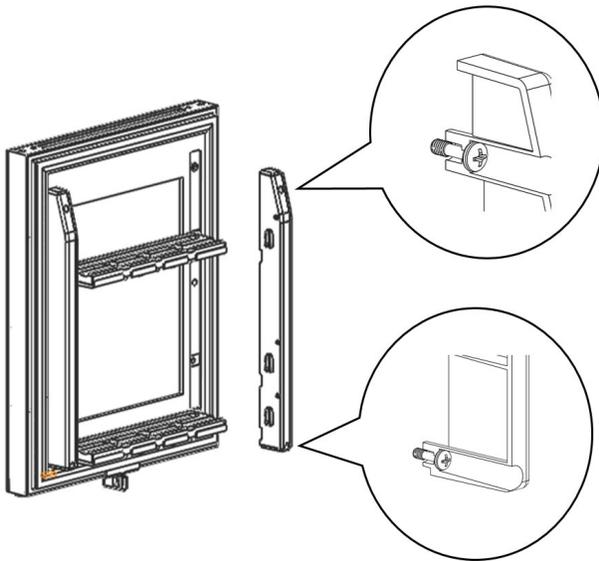
User Manual

10.2 Door Shelf Installation

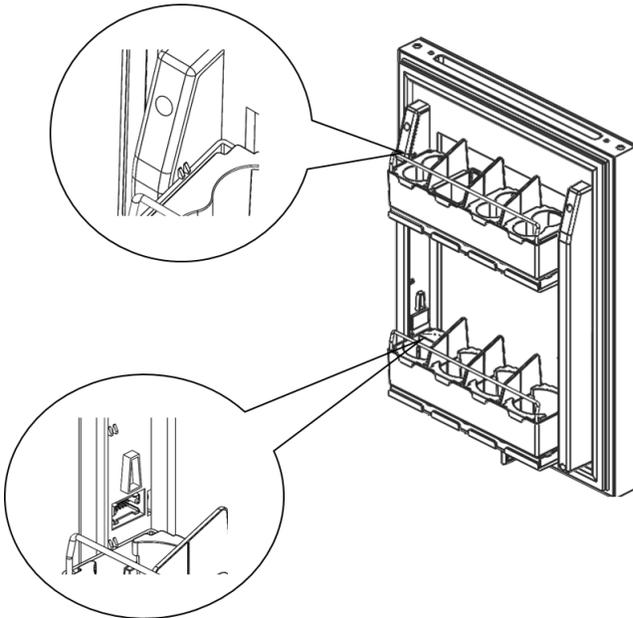
Slide the door sensor shelf (MB-MA-0035) into the bottom support and connect it to the backpane



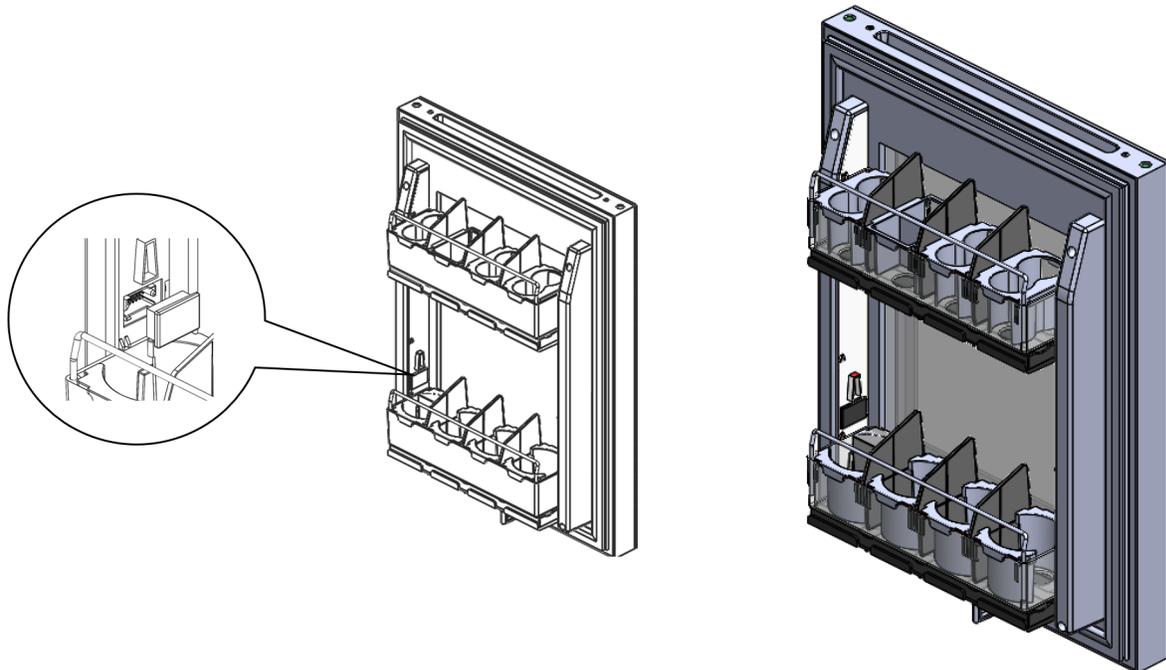
Screw the right side door shelf column using a Philips head screw driver to secure the sensor shelves.



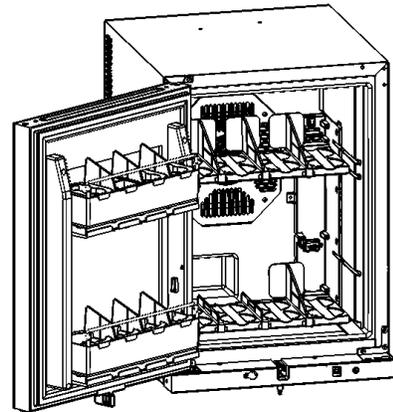
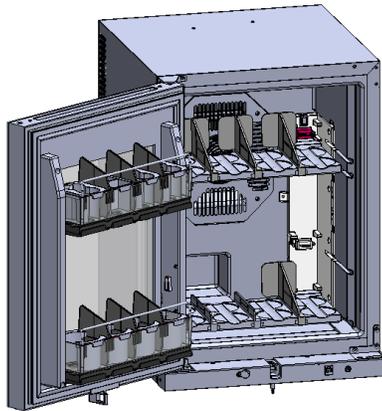
Slide the rack kit between the two door shelf columns and engage into the side wall locking tabs.



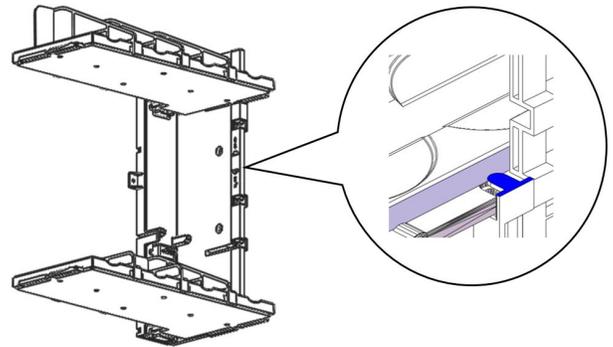
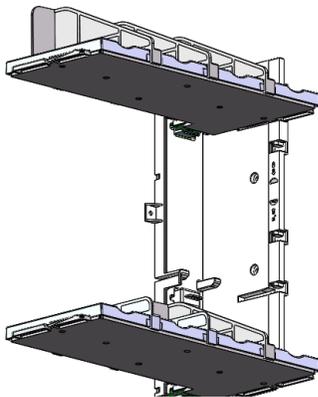
Install the rubber plug back to cover the un-used backplane connector.



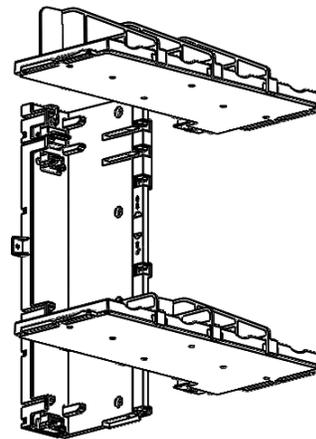
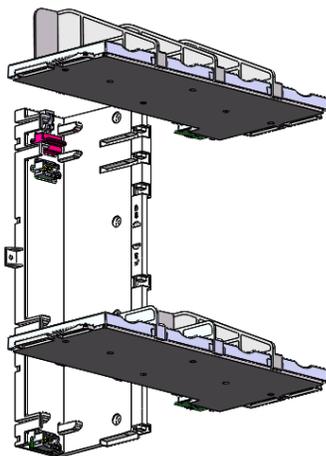
10.3 SmartCube Shelf Replacement



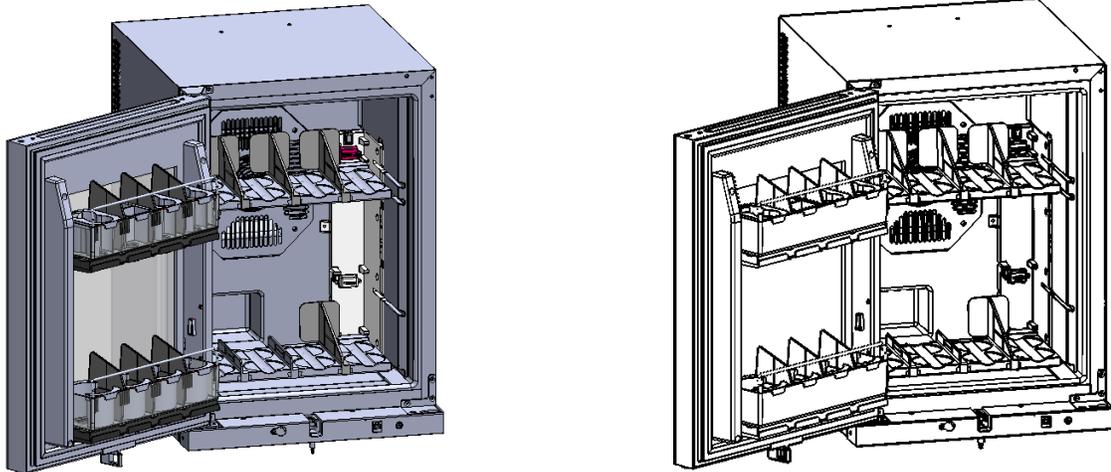
Locate the lock bar that is located on the right side inner wall of the SmartCube minibar. To unlock the sensor shelves from the backplane frame lift up on the locking bar.



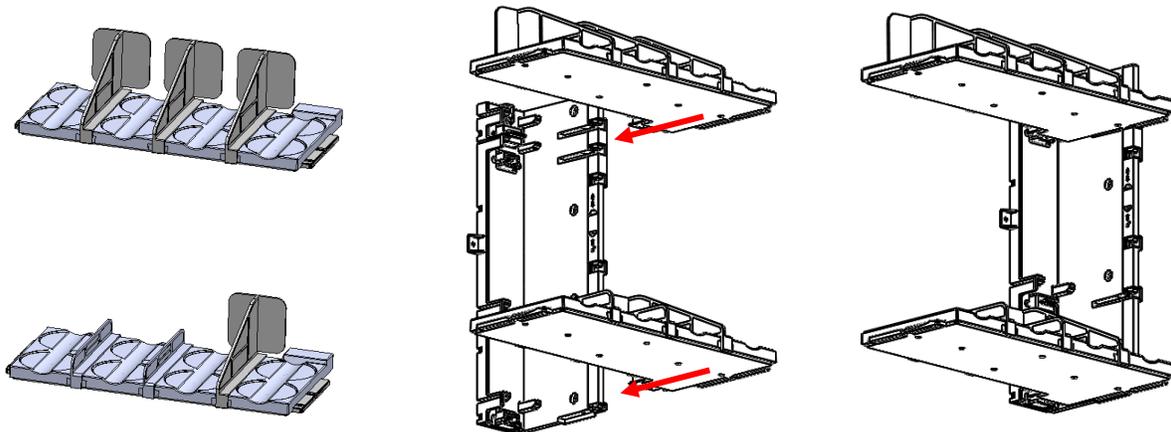
Slide out the sensor shelves carefully and disconnect from the backplane connectors to replace.



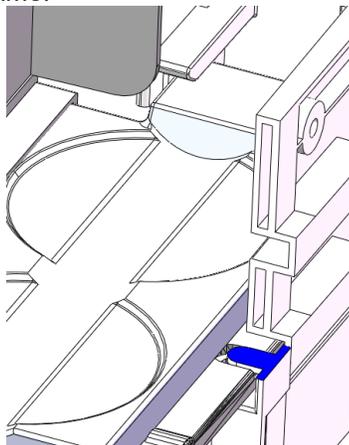
10.4 Cube Shelf Installation



Connect dividers (MB-PP-0005 and PULF0015) to the sensor shelves. Once assembled onto sensor shelf (MB-MA-0034) slide the sensor shelves in the slots of the cube to connect onto the backplane connectors.

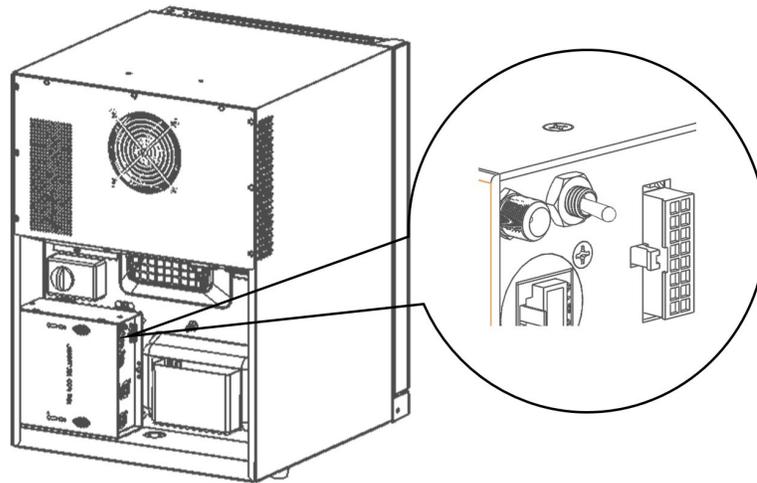
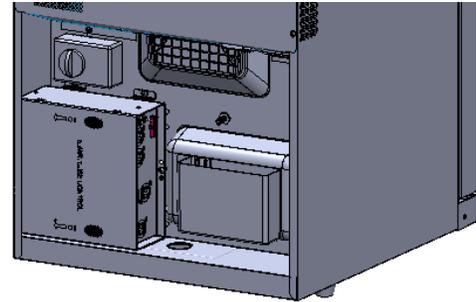


Push down on the lock bar to secure shelves onto the backplane frame.

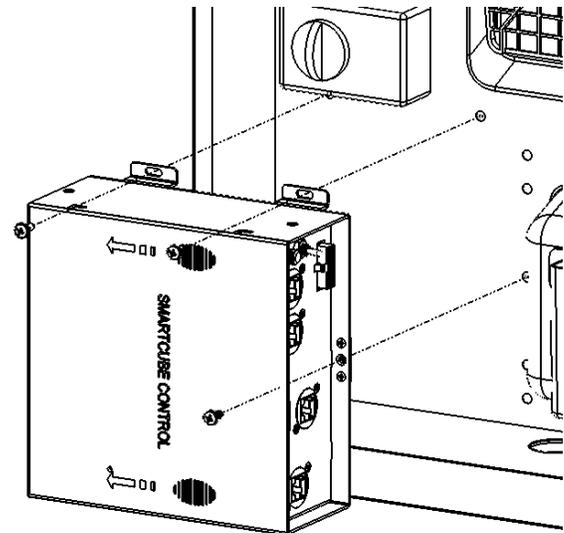
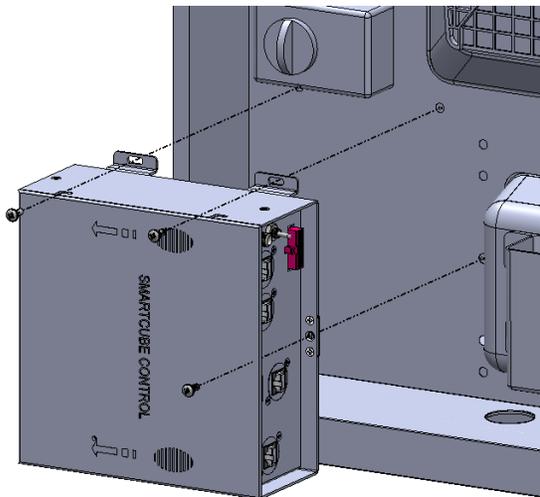


10.5 Console Box Replacement

Switch off the Console Box power supply unit and then disconnect all cables from it.

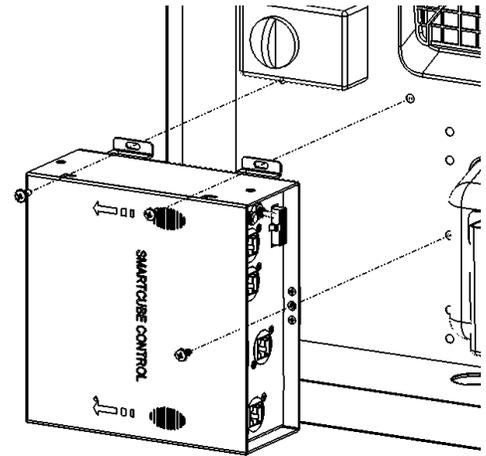
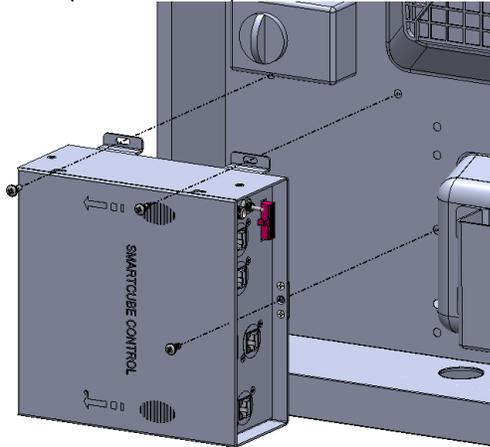


Un-Screw the Console Box from the back of the SmartCube by removing three Philips head machine screws.

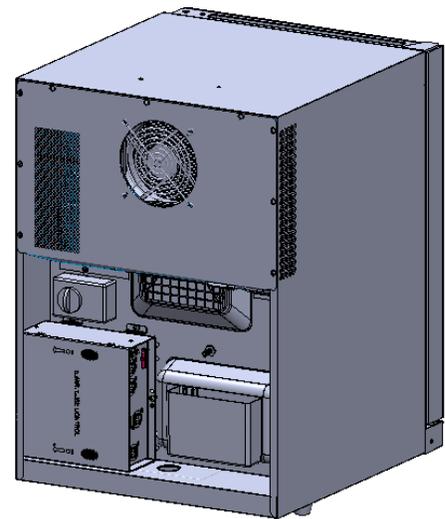
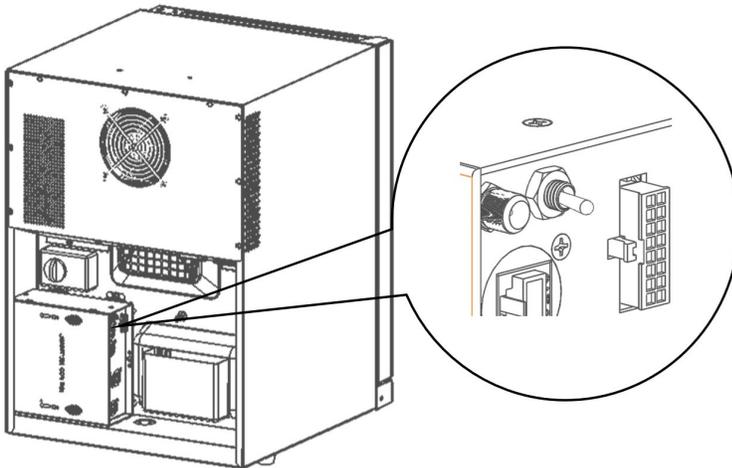


10.6 Console Box Installation

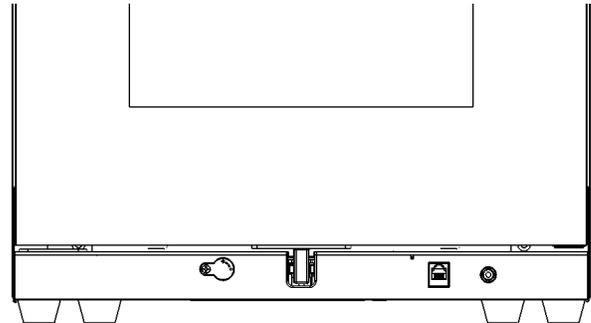
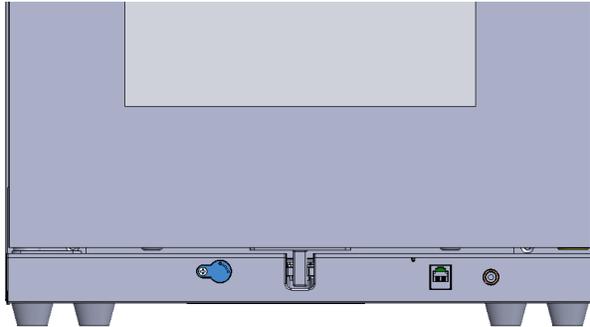
Mount the Console Box to the SmartCube back using 2 Round Philips Head screws (MB-NP-0027) and 1 Flat Philips Head screw (MB-NP-0029).



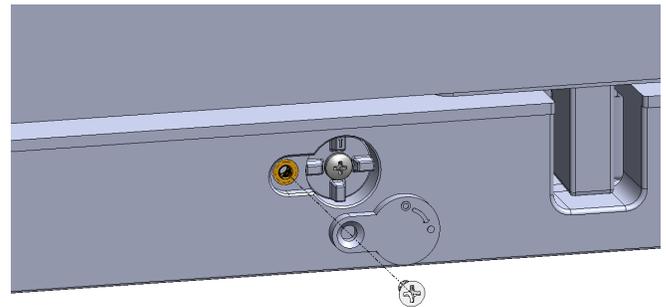
Connect all cables back according to the wiring diagram and then switch on the power supply unit.



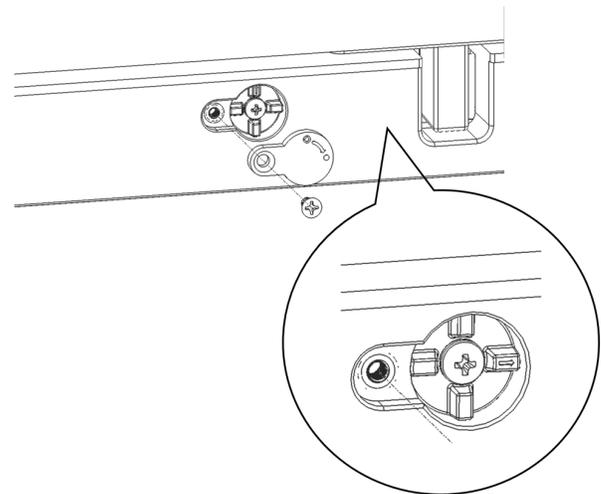
10.7 Lock Override Enabled (when electronics malfunctions)



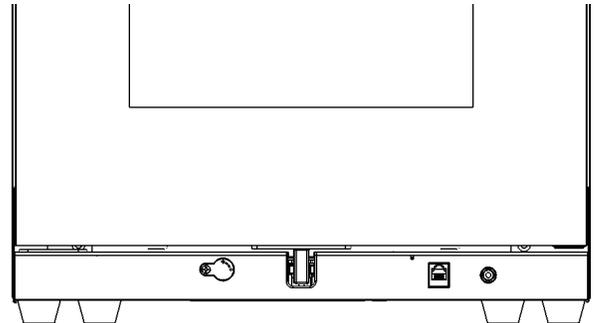
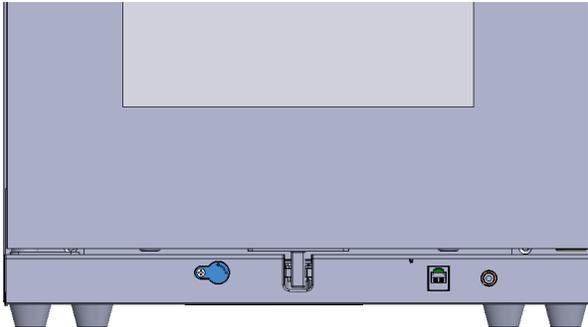
Open the lock cover by removing the Philips Head screw using a screw driver.



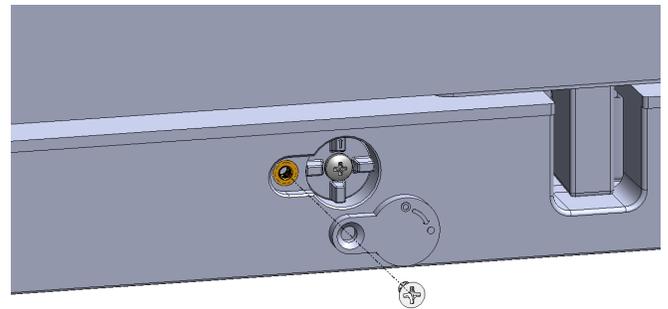
Press the override pusher head down and rotate by 90 degrees in a clockwise direction to release the E-lock function.



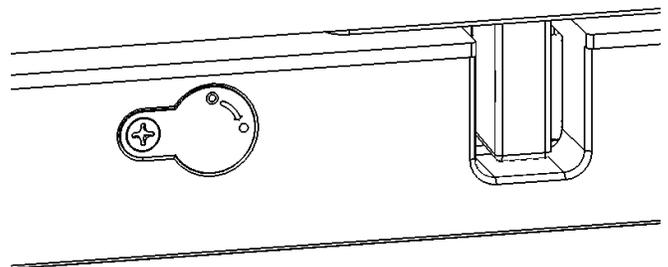
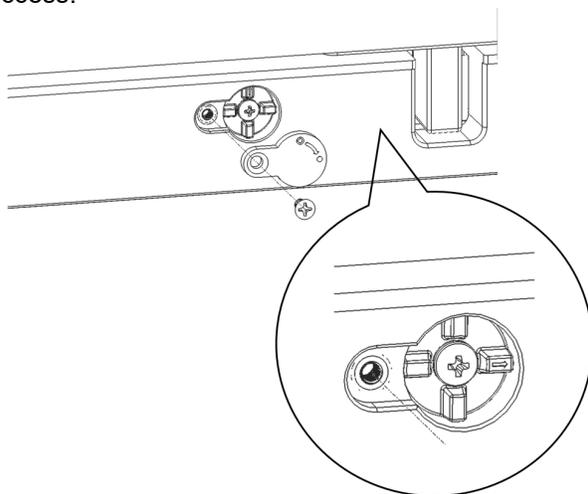
10.8 Lock Override Disabled (when electronics functions)



Press the override head down and rotate it by 90 degrees in the counter clockwise direction to release the locking bar to resume E-lock function.

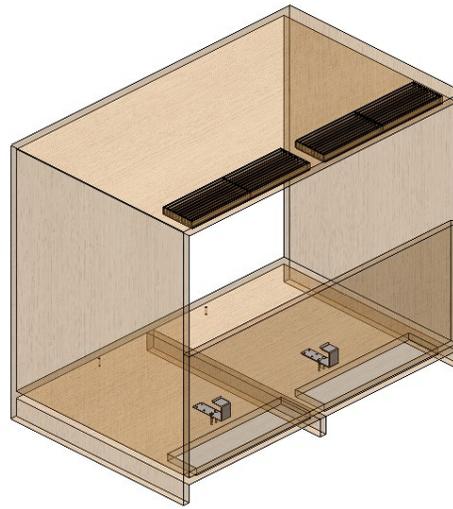


Screw the anti-tamper cover back onto the SmartCubes lock override to prevent unauthorized access.

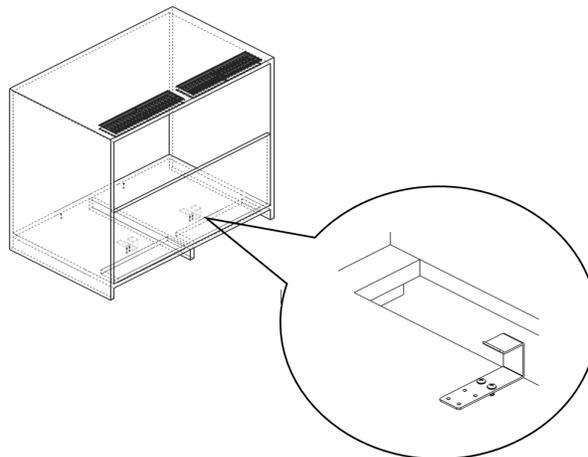


10.9 DualBar Installation

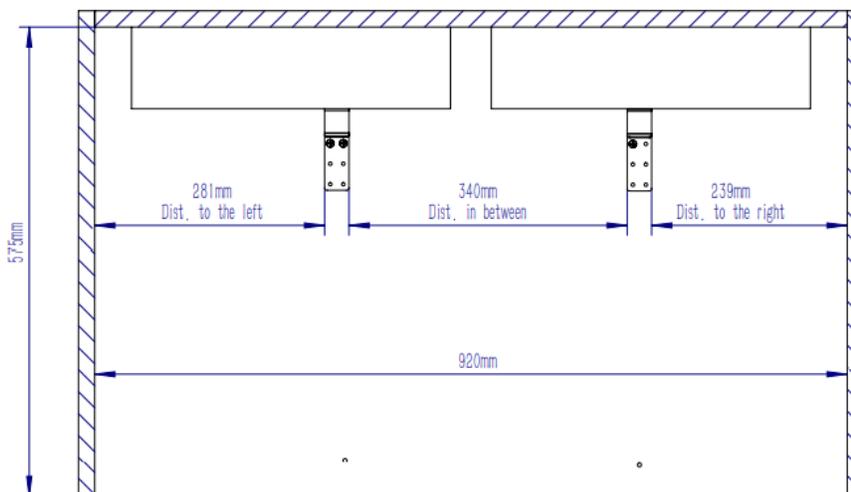
Make a case good per the specified dimensional drawing for proper ventilation. (Reference to the dimensional drawings).



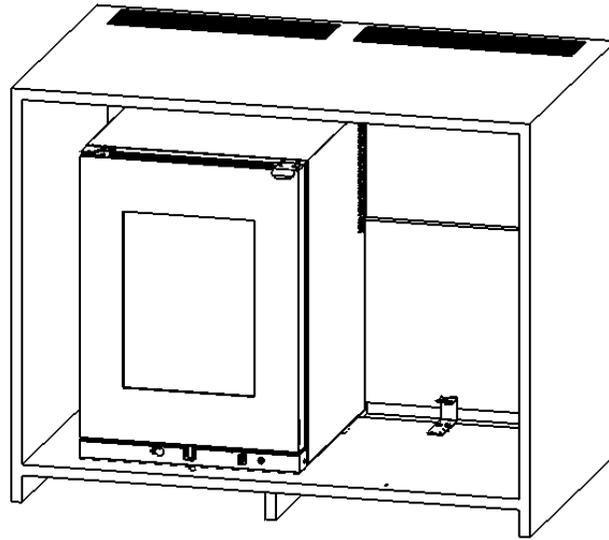
Fix the rear anchor bracket onto the case good using the gauge template or refer to the dimensional drawing for mounting locations.



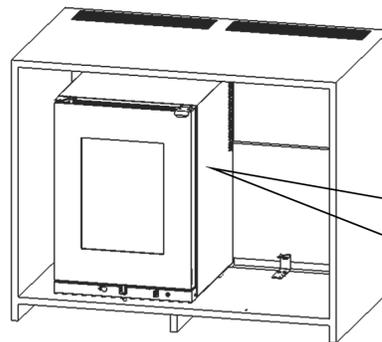
Screws (MB-NP-0023) packed in accessory back along with the bracket (MB-MP-0023).



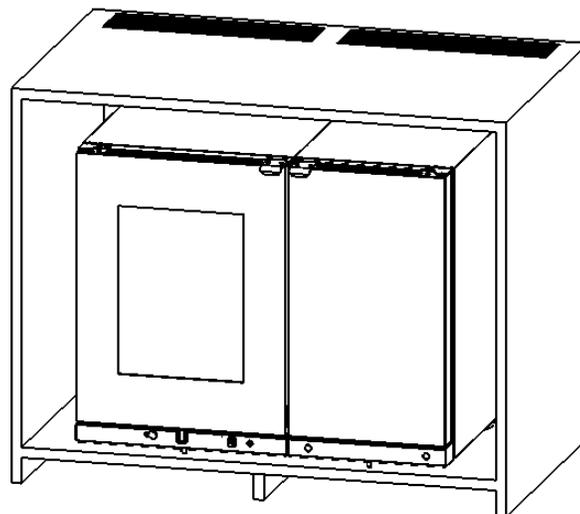
Make sure the IEC power cord is connected to the SmartCube and then push the SmartCube SC-40T into the cabinet against the rear anchor bracket.



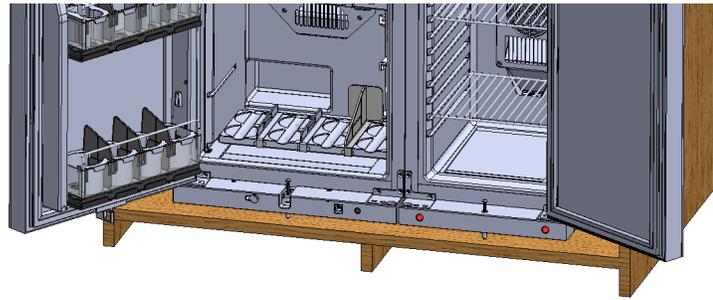
Connect the other end of the IEC power cord (MB-CA-0016) to the SmartCube GuestFridge 27L.



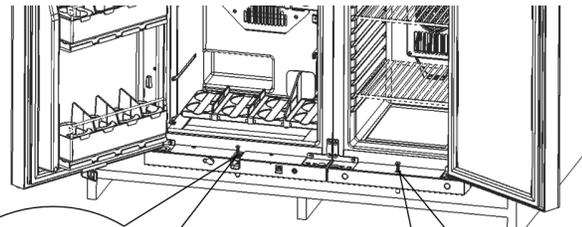
Slide the 27L GuestFridge into the case good.



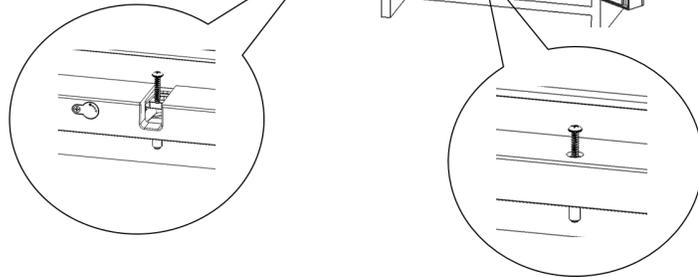
Adjust both the SmartCube and the GuestFridge unit's locations to align with the center of the case good and then fix the units onto the casegood using two screws.



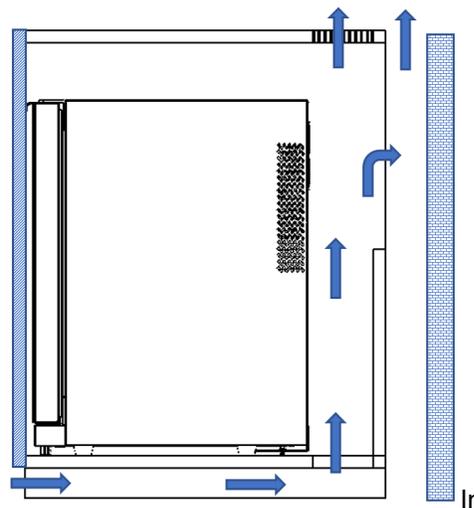
To mount the units to case good, open doors and the bracket is located on the bottom lip of the cold cube.



Screws(MB-NP-0026) packed in accessory back along with the bracket.



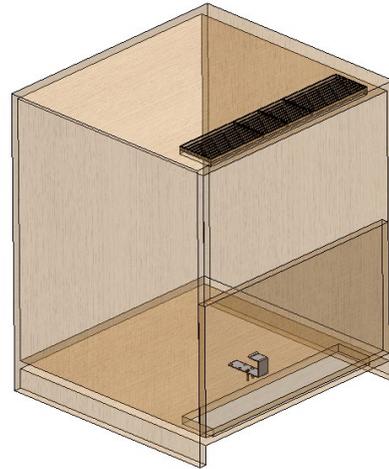
Casegood ventilation is emparative to unit function and optimal operation. Leave a minimum of 2 inch clearance between the wall and case good so that hot air can be properly vernilated to the outside away from the case good.



*case good doors optional

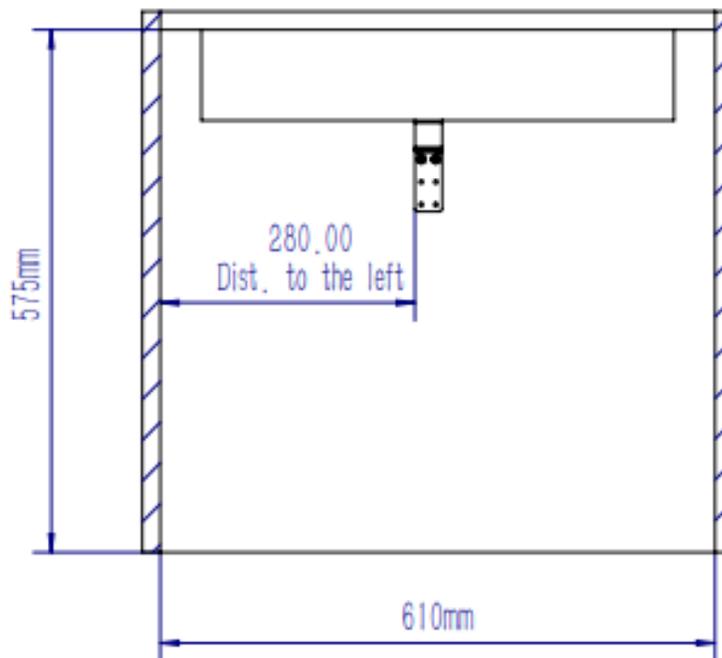
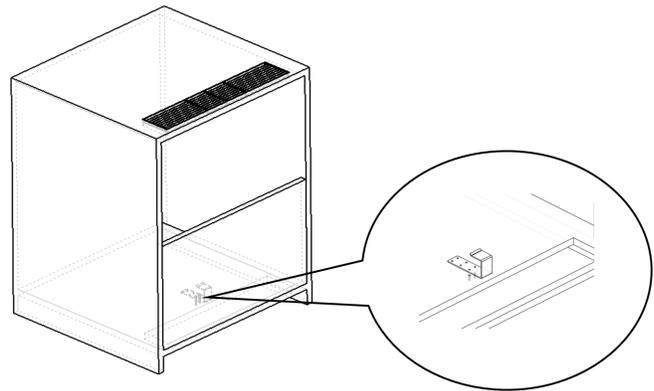
10.10 SmartCube Installation

Make a case good per the specified dimensional drawing for proper ventilation. (Reference to the dimensional drawings).

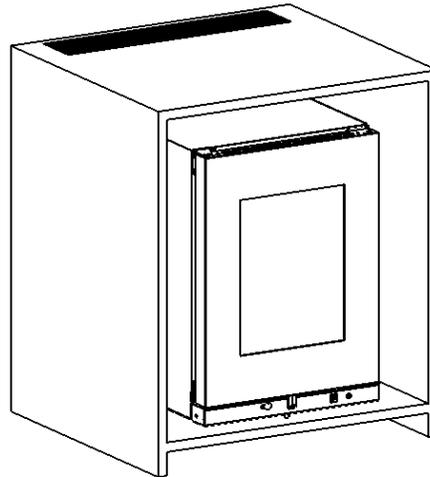


Fix the rear anchor bracket onto the case good using the gauge template or refer to the dimensional drawing for mounting locations.

Screws(MB-NP-0023) packed in accessory back along with the bracket(MB-MP-0023).

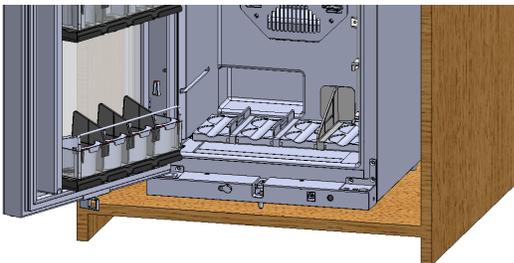
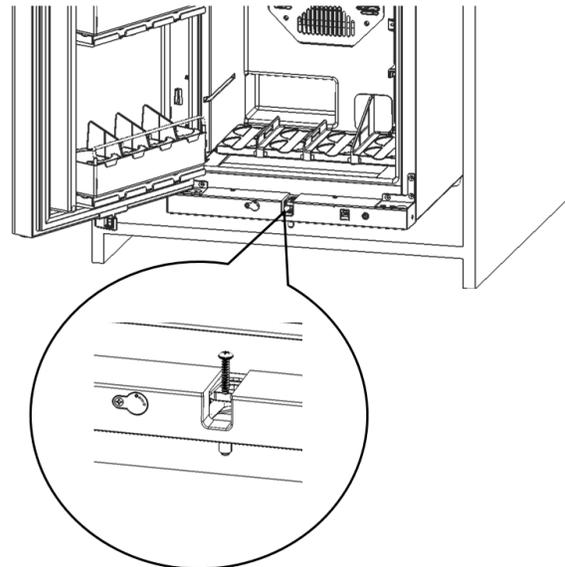


Insert the SmartCube SC-40T into the cabinet ensuring that it is pressed correctly into the rear anchor bracket.



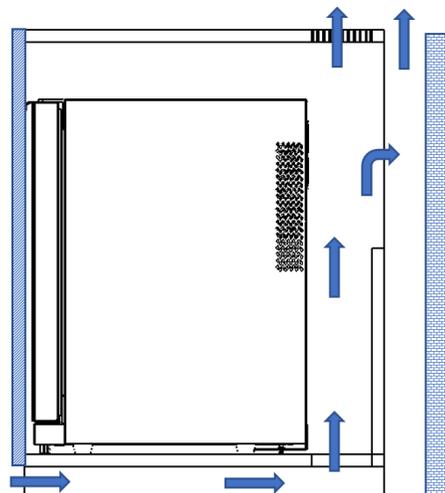
Adjust the SmartCube to align with the center of the case good. Open the door to screw the bottom of the SmartCube to the case good.

Screws (MB-NP-0026) packed in accessory back along with the bracket.



Casegood ventilation is imperative to unit function and optimal operation. Leave a minimum of 2 inch clearance between the wall and case good so that hot air can be properly ventilated to the outside away from the case good.

*case good doors optional



11. Use, Safety, Recycling and Disposal

- SmartCube is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the SmartCube.

- All packaging must be disposed of according to the local recycling ordinances.
- SmartCube bears the selective sorting symbol for waste electrical and electronic equipment (WEEE).
- At the end its normal lifetime, the WEEE symbol means that the product must be handled pursuant to the latest European Directive 2002/96/EC in order to be recycled or dismantled to minimize its impact on the environment. For further information, contact your Minibar Systems representative.
- The majority of all plastic parts are marked with an internationally standardized abbreviation for graded recycling. This will enable plastic waste to be sorted into individual types for environmentally conscious recycling.
- Disposal Precaution:
 - Under no circumstances should the SmartCube be disposed of by incineration.
 - Risk of child entrapment! Before you throw away your old minibar:
 - Take off the door
 - Leave the shelves in place so that children may not easily climb inside.

	<p>Correct Disposal of this product</p> <p>This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.</p>
---	--

12. Minibar Systems Global Offices

Switzerland

Minibar Enterprises AG
Blegistrasse 9
CH-6340 Baar
tel +41 41 767 23 00
fax +41 41 767 23 23
info@ch.minibar.ch
www.minibar.ch

France & Benelux

Minibar Services (France) Sarl
4, Passage Saint-Antoine
FR-92508 Rueil-Malmaison Cedex
tel +33 1 55 47 07 07
fax +33 1 47 49 61 62
minibar.france@minibar.ch
www.minibar.ch

United Kingdom & Ireland

Minibar UK Ltd
Suite 18 Maple Court
Grove Park Business Estate
White Waltham, Maidenhead
Berks SL6 3LW United Kingdom
tel +44 1628 820 800
fax +44 1628 820 801
minibar.uk@minibar.ch
www.minibar.ch

Asia

Minibar Systems Asia Pte Ltd
31 Kaki Bukit Road 3, #03-01C
Singapore 417818
tel +65 6741 3373
fax +65 6741 6303
msasia@singnet.com.sg
www.minibar.ch

Germany

Minibar (Germany) GmbH & Co.
Venloer Strasse 151-153
D-50672 Köln
tel +49 2271 993 120
fax +49 2271 993 119
minibar.germany@minibar.ch
www.minibar.ch

United States

Minibar North America, Inc.
7340 Westmore Road
Rockville, MD 20850
tel +1 301 309 1100
fax +1 301 309 1115
info@minibarNA.com
www.minibarNA.com

Austria

Minibar Enterprises AG
Blegistrasse 9
CH-6340 Baar
tel +41 41 767 23 00
fax +41 41 767 23 23
minibar.austria@minibar.ch
www.minibar.ch

Nordic & Scandinavia

Minibar Norge AS
Fagernes 4
N-5043 Bergen
tel +47 97 95 94 84
fax +47 55 31 10 85
minibar.norge@minibar.ch
www.minibar.ch

Canada

Minibar Systems Canada
21 Queen Street East
Unit #201
Brampton, Ontario L6W 3P1
tel 905-487-0620
fax 905-487-0622
info@minibarNA.com
www.minibarNA.com

Spain & Portugal

Minibar S.A.
c/o Pedro Avila Suarez
Calle Tutor nº 43
ES-28008 Madrid
tel +34 630 061 433
minibar.spain@minibar.ch