

COVANA

EVOLUTION USER MANUAL



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CONGRATULATIONS ON THE PURCHASE OF YOUR NEW COVANA COVER

Thank you for choosing our product. The COVANA cover you have chosen is the result of excellent engineering, attention to detail and a great deal of pride. With proper care and attention, your COVANA cover will last many years and offer great performance.

Although our products are built to last, we strongly recommend that you register your COVANA cover at the time of purchase to ensure an adequate follow-up process.

In fact, registering your COVANA cover allows us to quickly reach you in the unlikely event a safety notice was to be issued. Your product and safety are a top priority for us at COVANA.

You will need your original sales receipt as proof of purchase to obtain warranty service and the work must be performed by an authorized technician. If your COVANA cover were ever to malfunction, your product registration will allow us to access necessary information in a timely manner.

Experience the benefits of registering your COVANA cover at www.covana.com/warranty.html.

Please take a few minutes to read all the instructions before you use your new COVANA cover. This user manual will explain how your cover works, so you will get the most from your COVANA cover for many years.

For service and advice, do not hesitate to call your local authorized COVANA dealer.



SAFETY

IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE SAFETY INSTRUCTIONS AND REVIEW THEM REGULARLY.

READ AND FOLLOW ALL INSTRUCTIONS

Safety information

The Covana cover was designed, tested and certified to be installed over a swim spa and under important installation instructions issued by Covana. Any other type of usage will void the warranty and product certification.

The extra load maximum weight provided in the specification section of this manual is a provision for environmental outcomes, such as a small amount of leftover snow or damp leaves that temporarily accumulate on the cover and evenly distributed on the surface of the cover.

The Covana cover was not designed to support any additional load or people walking or standing on its lid. Failure to observe this instruction will void the cover's warranty and nullify its certification.

The power safety cover meets ASTM F1346-91 requirements.

⚠ DANGER

- To reduce the risk of injury, do not allow children to use this product unless they are supervised at all times.
- Failure to follow all the instructions may result in injury or even death.
- Do not allow people to climb or walk on the cover at any time.
- Do not allow children to have access to the Covana cover without supervision.
- Never operate the Covana cover until all people and objects are out of the spa.

⚠ WARNING

- Be sure to keep the key switch and the key out of the reach of children.
- Do not put any type of fabric or plastic sheet, such as a tarpaulin, on the Covana cover. This could overheat the cover and result in the deformation or delamination of the cover.

- Inspect the cover periodically. It should raise smoothly and evenly. Contact your Covana dealer if any unusual mechanical sound is heard during use.
- Never use any type of pressure washer or buffer to clean any surface of the Covana cover. This could result in premature wear or damage.
- The key switch must be permanently mounted and located 5 ft. (1.5 m) away from the spa and 5 ft. (1.5 m) above the deck or ground level. Ensure the user has a clear view of the COVANA cover when operating it. Furthermore, the key switch terminal should be located in a place where no water downpour or debris could fall on it. (Figure 1)

DO

- Remove the control key after operating the Covana cover. Store the key in a secure location when not in use. Users must bring the control key in the swim spa with them to prevent the unauthorized operation of the cover.
- Never leave the key in the key switch.
- Check the cover frequently for signs of deterioration.
- Have any repairs, adjustments or mechanical work performed by your certified Covana dealer as soon as possible when you notice a malfunction.
- Close the cover when it is not in use or if the swim spa is not being monitored.
- Covana cover should only be operated by an adult.
- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge **ONLY** if they are supervised or have received instructions regarding safe use of the cover. Children must not play with the appliance. Cleaning and user maintenance must not be performed by children without supervision.

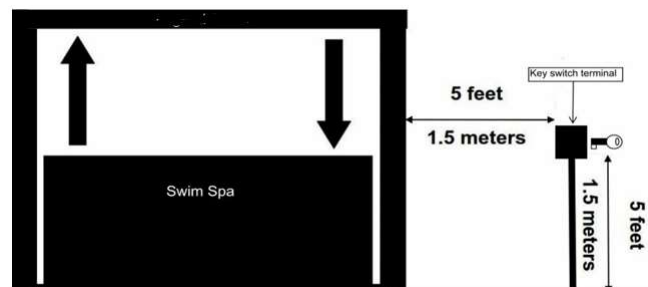


Figure 1

DO NOT

- ♦ Operate the unit before all mechanical and electrical connections are completed.
- ♦ Step on or stack anything on the Covana operator cover.
- ♦ Operate the Covana cover while somebody is in the hot tub.
- ♦ Climb, walk or stand on the Covana cover at any time.
- ♦ Leave the Covana cover open for more than 12 hours. This could cause the cover to warp overtime.
- ♦ Converge or directly reflect sunlight on the cover. This could cause permanent damage.
- ♦ Wash the cover with harsh chemicals or cleaners.
- ♦ Use a pressure washer to clean any component of the Covana cover. This could result in premature wear or damage.

CAUTION

- ♦ Be sure to follow all instructions in this manual and use only accessories and tools approved by Covana.
- ♦ Do not roll the Covana cover onto its side or slide it on its side. This will damage the siding.
- ♦ After removing a part, always place it in a safe place on a clean and level surface to ensure proper functionality.
- ♦ All four jacks of the Covana cover must be properly anchored to the foundation using the anchoring holes located at the foot of each jack. The optional non-permanent mounting plates can be used when anchoring is not possible, but under strict condition. See *Non-permanent mounting plates installation* section on Installation Manual for further details.
- ♦ This product mainly contains steel, plastic, fiberglass, foam, copper (Cu) and die-cast aluminum (Al). The gearbox contains oil and other materials. Please recycle them properly.

Avoiding the risk of electrocution

ELECTRICAL DANGER

- ♦ Failure to comply with these instructions may result in death by electrocution or serious injury. Disconnect or turn off and secure all power supplies before starting any intervention on the COVANA cover.
- ♦ A disconnect mean needs to be incorporated into the fixed wiring at the time of installation. This mean must be accessible to the user or service technician to turn the power off for future maintenance or repair.

- ♦ Always have a licensed electrical contractor perform any electrical maintenance or repairs on the COVANA cover. The wiring must comply with all applicable local electrical codes and regulations.
- ♦ The COVANA operator must be connected to a circuit that is protected by a dedicated ground fault circuit interrupter (GFCI) that complies with all applicable local electrical codes and regulations.
- ♦ Install the COVANA cover in such a way that drainage directs water away from the electrical and base mechanical components.
- ♦ Do not connect any auxiliary components to the electrical system of the COVANA cover unless they have been approved by COVANA.
- ♦ Replace electrical components with original components provided or approved by Covana. Ask your dealer for replacement parts.
- ♦ To reduce the risk of electrical shock, replace a damaged cord immediately. Failure to do so may result in death or serious personal injury due to electrocution.
- ♦ Do not bury the power cords. A buried power cord may result in death, or serious personal injury due to electrocution if direct burial-type cable is not used, or if improper digging occurs.

WARNING REGARDING DRUG OR ALCOHOL USE

- ♦ The use of drugs or alcohol while operating the Covana cover is strictly prohibited. The impairment of judgment, vision or hearing might affect the safety of other people or result in death.

WARNING REGARDING MODIFICATIONS TO THE COVANA COVER

- ♦ Any modifications to the Covana cover, such as mechanical, electrical or aesthetic modifications, may cause the cover to operate in an unwanted or dangerous way. Furthermore, these modifications are not permitted and might void the warranty and certification.
- ♦ The Covana cover has been designed, tested and certified for the only purpose of covering and securing a spa. Any installation that differs partly or entirely from this purpose will void the warranty and certification.

SAVE THESE INSTRUCTIONS

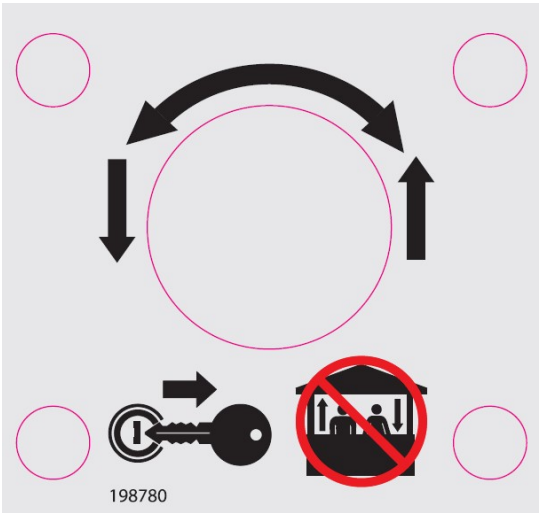
LABELING

WARNING

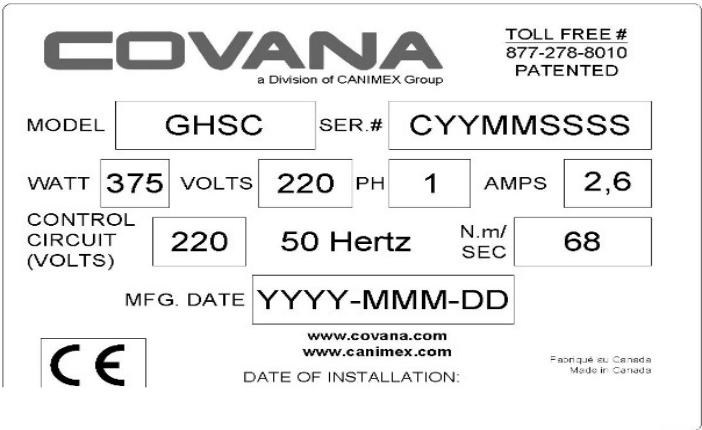
Removing any labels from the COVANA cover will void product certification. All labels should always remain visible. It is the owner's responsibility to ensure that these labels are always visible and should never be removed.



Risk of electrocution warning, located on the operator unit.

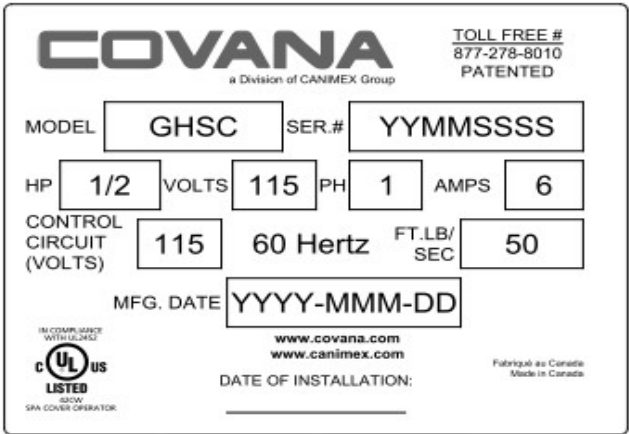


Key operating diagram, located on the key switch.



Specification label, located on the operator.
(European model)

Note: This label provides the serial number.

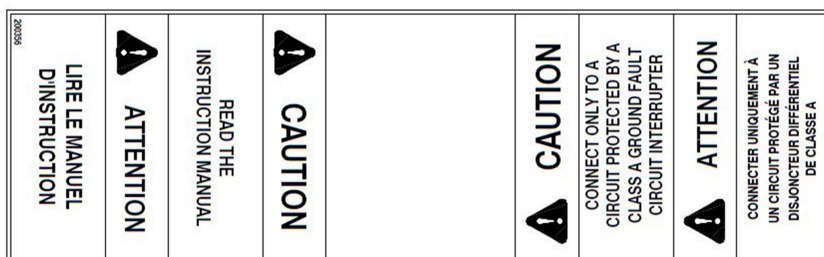


Specification label, located on the operator unit.
(North American model)

Note: This label provides the serial number.



Key switch warning, located on the key switch.



Electrical information, located on the key switch cable.



200350

Do not step symbol, located on top of the operator unit.

WARNING

**AVOID DROWNING RISK. ENTRAPMENT POSSIBLE.
FAILURE TO FOLLOW ALL INSTRUCTIONS MAY RESULT IN INJURY OR DROWNING.
INSPECT COVER PERIODICALLY.
POWER SAFETY COVER MEETS ASTM F1346-91 (2010) REQUIREMENTS.**

FOR FURTHER INFORMATION CONTACT : www.covana.com

189191

Drowning risk warning, found on the inside of the COVANA cover.

**DO NOT STEP ON COVER.
NE PAS MONTER SUR LE COUVERCLE.**

211118

Do not step on cover label, located of end C-Channels of the COVANA cover



209243

Centre label, located on 94 9/16in (240 cm) C-Channel
(remove after installation)



71985203

Top label, located on I-Beams and Escape hatch opening
(Hidden when assembled)

Visit www.covana.com
for recommended maintenance
procedures and videos
This label not to be removed except by the consumer





199782



Visitez www.covana.com
pour des conseils et des vidéos
sur les procédures d'entretien
Seul l'utilisateur peut retirer cet autocollant



Maintenance information, located
on one of the C-Channels.

GLOSSARY

Part	Figure	Function
All-weather seal	 <p>Figure 1</p>	The all-weather seal will help to protect sleeves from damage due to weather.
Corner bracket	 <p>Figure 2</p>	The corner bracket is the piece that links the cover to the sleeves.
Operator	 <p>Figure 3</p>	The operator powers and controls the lifting mechanism of the Covana cover.
Contour seal	 <p>Figure 4</p>	The contour seal ensures uniform contact between the cover and the hot tub.
Front frame cut-out	 <p>Figure 5</p>	The front frame cut-out gets installed under the front step of your hot tub. It links the two non-motor-side jacks.
Key switch	 <p>Figure 7</p>	The key switch is used to operate the Covana cover.

Escape hatch	 <p>Figure 8</p>	The escape hatch is a removable panel part of the cover.
Sleeve	 <p>Figure 9</p>	The sleeve is an aluminum case for the lifting mechanism.

QUICK START-UP INSTRUCTIONS

Ensure your Covana cover has been properly installed by a certified Covana installer, this includes the location of the cover (*Location considerations* section of installation manual), the foundation of the cover (*Foundation preparation* section of installation manual) as well as the electrical installation of the cover (*Electrical hook-up* section of installation manual).

Please read carefully the *Safety* section of this manual before operating the COVANA cover.

- 1) Ensure all debris and snow are removed from the top of the COVANA cover before operating.
- 2) Ensure there is nobody in the spa or near the spa, when raising or lowering the cover.
- 3) Ensure there is no obstruction over or around the COVANA cover.
- 4) The key must be held in the proper position until fully opened or closed.
- 5) The COVANA cover will automatically stop in both the fully opened and fully closed position.
- 6) Turn the key clockwise to raise the cover.
- 7) Turn the key counterclockwise to lower the cover.
- 8) The key will automatically return to center/off position when released.
- 9) Remove key when finished operating the COVANA cover. Store key in a secure place.

WARNING

- ♦ Users must bring the control key in the hot tub with them to prevent any unauthorized operation of the cover

- 10) Place the rubber cap back on key switch after each use.

Important: Keep the cover fully closed when it is not used.

MANUAL LIFTING PROCEDURE

⚠ ELECTRICAL WARNING

- ♦ Disconnect or turn off and secure all power supplies before starting any intervention on the COVANA cover.

- 1) Disconnect or turn off and secure the power supply.
- 2) Remove the four screws at the bottom of the operator cover and take the cover off. (Figure 10)
- 3) Use ½ in. (13 mm) hexagonal socket wrench to raise or lower the Covana cover by turning the operator's input shaft. (Figure 11)
- 4) Slowly turn the shaft. Stop immediately if higher tension is felt.

⚠ WARNING

- ♦ Never use a power tool, as this will damage the unit.

- 5) Turn the input shaft clockwise to lower the roof and counter clockwise to raise the roof.

⚠ WARNING

- ♦ Do not exceed the limits of the mechanism. Failure to respect this guideline could cause mechanical failure.

- 6) Reinstall the operator cover with the four screws. (Figure 10)

- 7) Reconnect and turn on the power supply.

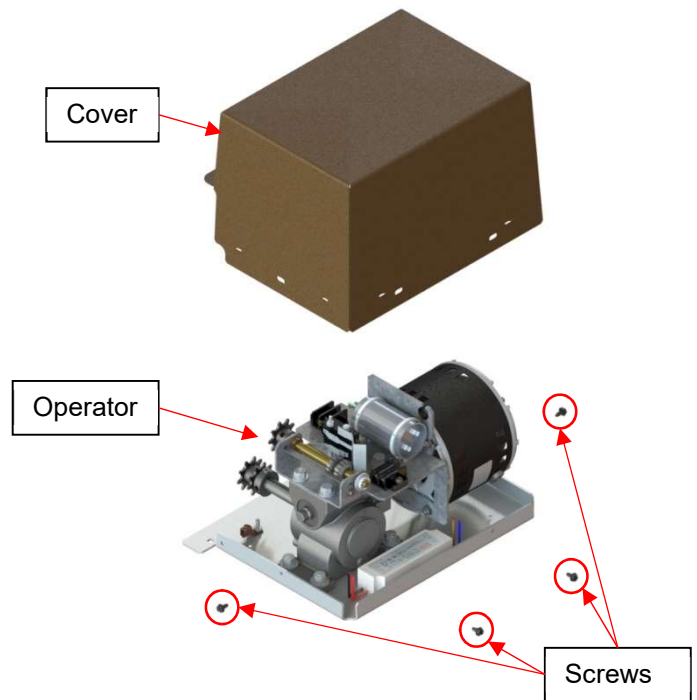


Figure 10

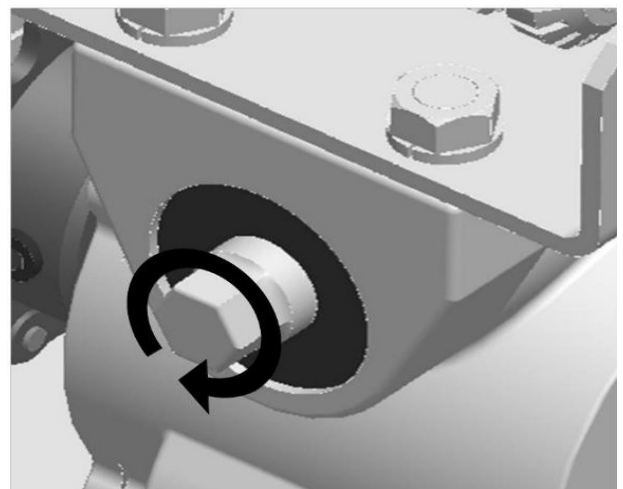


Figure 11

USING THE ESCAPE HATCH

From below

- 1) Turn the red handle by a quarter turn in either direction to retract the arms. (Figure 13)
- 2) Push straight up on the escape hatch and place to the side. (Figure 14)
- 3) Escape via the hole and call for assistance, if required.

From above

- 1) Do not at any point put your weight on the escape hatch as it may hinder the person trapped below.
- 2) Use the Covana key inside the slot located in the white center part of the handle. (Figure 12)
- 3) Turn the handle until the key falls down.
- 4) Continue to turn handle one quarter turn in either direction.
- 5) Lift the escape hatch straight up by gripping its sides and place it to the side. (Figure 14)
- 6) Help the person trapped below by pulling them out of the swim spa via the opening.



Figure 12

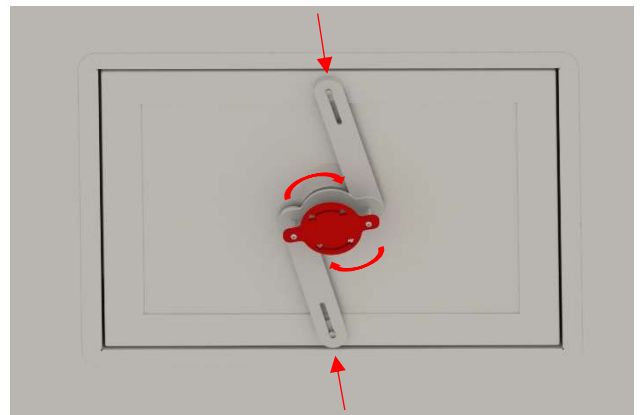


Figure 13

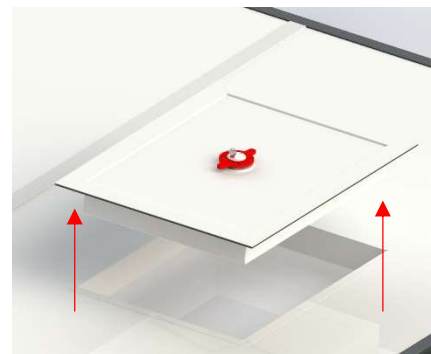


Figure 14

WINTERIZING THE EVOLUTION COVER

If you plan on winterizing your swim spa during the cold season, COVANA recommends winterizing the COVANA cover as well. This process prevents any potential aesthetic damage done to your COVANA cover and minimizes the risk of freezing water damage to the swim spa. Please follow these instructions:

⚠ WARNING

- ◆ These instructions are relevant for anyone who plans to stop using the hot tub for a long period of time or especially if the temperature goes below 32°F (0°C).
- 1) Clean the Covana cover completely to remove any dust, greasy residue or any other foreign contaminants from all surfaces.
 - 2) Prepare the hot tub for closure by following the spa manufacturer's winterization instructions.
 - 3) Completely close the COVANA cover on the spa. Ensure the seal touches the whole perimeter of hot tub.
 - 4) Ensure escape hatch is properly seated on the cover and is closed.
 - 5) Remove the power from the COVANA cover.
 - a. This can be done by either shutting off and securing the circuit breaker powering the COVANA cover;
 - 6) Put a tarpaulin or waterproof sheet over the COVANA cover. Do not infringe any of the hot tub manufacturers' guidelines during this step. Also, put a tarp or water-tight protection sheet over the operator box.

⚠ WARNING

- ◆ Putting any type of fabric or plastic like a tarpaulin during hot weather could damage the COVANA cover. Only use such protection for the winterization procedure and during cold season.
 - ◆ Remove any type of cover or plastic tarpaulin as soon as seasonal temperature are higher than freezing temperature (32°F or 0°C).
- 7) For areas with a large seasonal snowfall, remove excessive snow accumulation regularly or after a heavy snowfall to avoid damage to the structure of the COVANA cover. Do not let the snow accumulate for more than 12 in. (30cm) on the COVANA Cover.



PERIODIC MAINTENANCE TABLE

Your COVANA Cover was designed to provide years of trouble-free enjoyment. As with any appliance, problems may occasionally occur that require the expertise of an authorized COVANA service technician. Before calling for service, please refer to the *Troubleshooting section*. Always retain your original sales receipt for future reference.

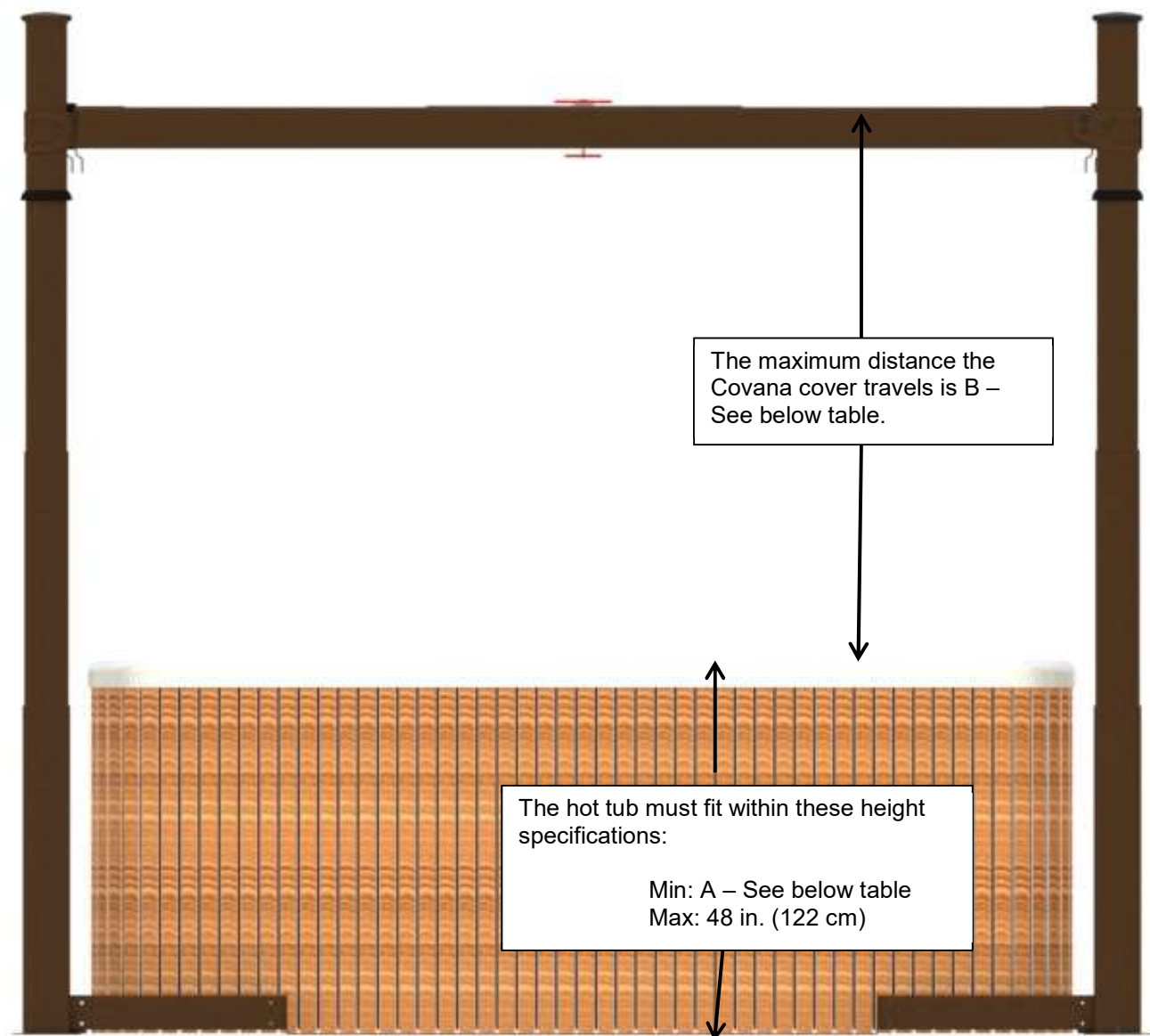
Tasks	Frequency				
	Each Use	Weekly	3 months	Yearly	As needed
Perform a visual inspection (debris, snow, ice, etc.)	X				
Check that the sleeves are correctly positioned. (Middle sleeves are not out of place)	X				
Verify all-weather seal are correctly positioned (in contact with the outer sleeves when the cover is closed)	X				
Listen for out of ordinary sounds during operation.		X			
Verify the seal around the Covana cover. (no vapor leakage)		X			
Verify the lifting mechanism by raising and lowering the COVANA cover.		X			
Verify the anchoring of the Covana cover.		X			
Check that the escape hatch functions properly		X			
Test the GFCI.			X		
Check the tension of the chains on all posts and in the u-frame. *				X	
Lubricate chains on all posts and in the u-frame. *				X	
Grease the jack assemblies. *				X	
Wash the cover with a mild detergent (i.e. dishwashing detergent) and water. Rinse well using only water.					X
Remove escape hatch and clean it with a mild detergent (i.e. dishwashing detergent) and water. Rinse well using only water.					X

*Contact your local COVANA dealer

Please call your COVANA dealer for any mechanical, electrical or aesthetic maintenance.

TECHNICAL SPECIFICATIONS

Side elevation dimensions

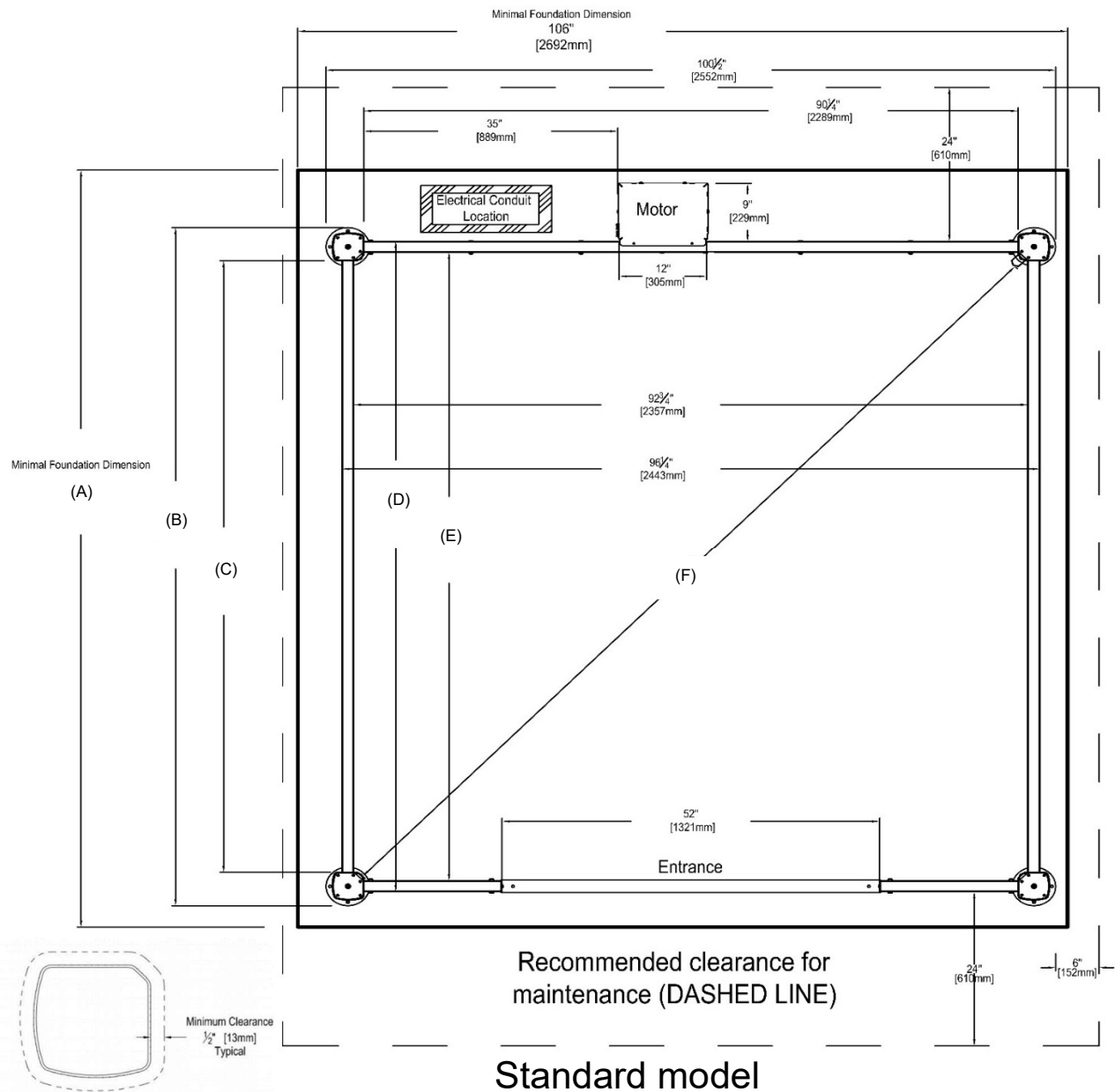


Covana Evolution - Side Elevation Dimensions

Model lenght	A - min.	B - Travel
8' and 9'	34" (86cm)	50" (127cm)
10' and 11'	38" (96cm)	54" (137cm)

Figure 15

Frame dimensions and foot print



Standard model

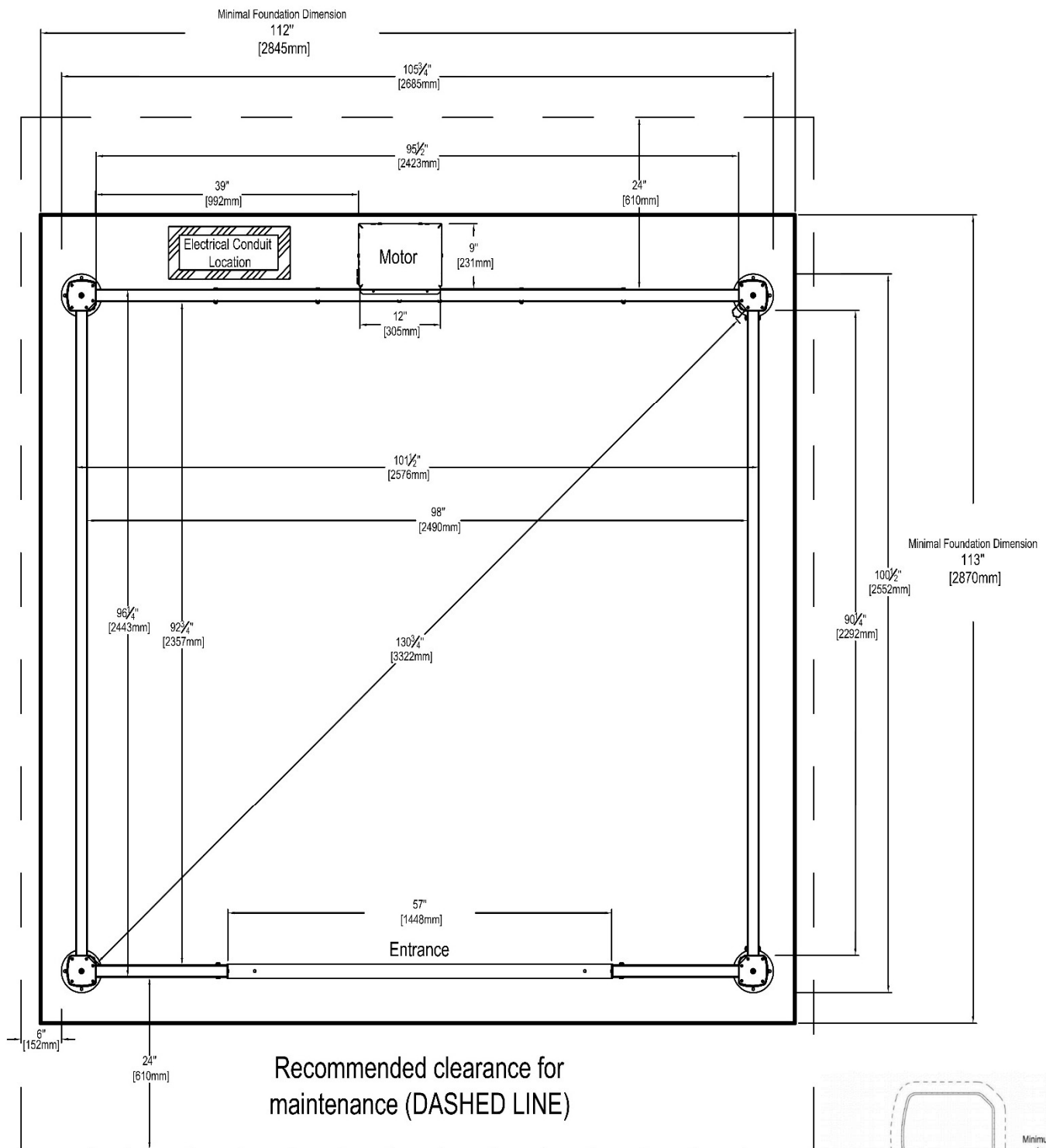
If the frame installation is below a deck, the required minimum post to deck clearance

Figure 16

NOT TO SCALE

Cover length	(A)	(B)	(C)	(D)	(E)	(F)
8'	118" (2997 mm)	105 ³ / ₄ " (2685 mm)	95 ¹ / ₄ " (2422 mm)	101 ¹ / ₂ " (2576 mm)	98" (2490 mm)	131 ¹ / ₄ " (3334 mm)
9'	130 ¹ / ₂ " (3315 mm)	118 ¹ / ₄ " (3004 mm)	107 ¹ / ₂ " (2731 mm)	114" (2896 mm)	110 ¹ / ₂ " (2807 mm)	140 ¹ / ₂ " (3569 mm)
10'	142 ¹ / ₂ " (3620 mm)	130 ³ / ₄ " (3308 mm)	119 ¹ / ₂ " (3035 mm)	126" (3200 mm)	122 ¹ / ₂ " (3112 mm)	150" (3810 mm)
11'	154 ¹ / ₂ " (3924 mm)	142 ¹ / ₄ " (3613 mm)	131 ¹ / ₂ " (3340 mm)	138" (3505 mm)	134 ¹ / ₂ " (3416 mm)	159 ³ / ₄ " (4058 mm)

Table 1: Dimensions in accordance to cover length



****NOT TO SCALE****

Figure 17

If the frame installation is below a deck, the required minimum post to deck clearance

Electrical specifications

- ♦ The COVANA cover requires a dedicated single-phase 115 V AC (North America) or 220 V AC (Europe) hard-wired power supply.
- ♦ The COVANA cover must be installed in accordance with and comply with all applicable local codes and regulations. All wiring and connections should be performed by a qualified electrician.
- ♦ Wires and conduits should be sized according to local codes and regulations.

North American requirements:

Voltage	115 V, 60 Hz (1 hot, 1 neutral, 1 ground)
GFCI	15 A single-pole GFCI (not included)
Current draw	Max 12 A

European requirements:

Voltage	220 V, 50 Hz (2, 1 ground)
GFCI	10 A single-pole GFCI (not included)
Current draw	Max 6 A

WARNING

- ♦ COVANA does not allow any modifications of the electrical system. COVANA reserves the right to void the warranty if any modifications is done without its specific approval

Operating limitations

WARNING

- ♦ The Covana cover should never be used if the following conditions are reached.

Maximum wind	Gusts of 30 mph (50 km/h) while in the raised position and 45 mph (70 km/h) when completely lowered on the hot tub.
Maximum weight on the cover (evenly distributed)	200 lb. (90 kg)

General specifications

Lifting speed	2.5 in./s (6 cm/s)
Total weight	Up to 600 lb. (272 kg)
Length key switch cable	25 ft. (7.6 m)

TROUBLESHOOTING

Problem	Probable Causes	Solutions
The Covana cover will not raise or lower. (Silent motor and no movement)	<ul style="list-style-type: none"> ♦ The GFCI is tripped. ♦ The power source is disconnected. 	<ul style="list-style-type: none"> ♦ Reset the GFCI. ♦ Verify that the power source is enabled. ♦ Check the breaker panel. ♦ Verify whether the cables were damaged or pinched.
The Covana cover will not raise or lower. (Motor humming and some visible movement)	<ul style="list-style-type: none"> ♦ Posts are frozen. ♦ Debris is caught on the cover. ♦ Jack assemblies are jammed. ♦ The motor is obstructed. ♦ Posts are obstructed. ♦ The debris on the cover is too heavy. ♦ Power source is disconnected. 	<ul style="list-style-type: none"> ♦ Remove all the debris from top of the Covana cover. ♦ Verify whether any posts are obstructed. ♦ Use methanol to free ice buildup on posts. ♦ Regrease the post assemblies. * ♦ Verify the relative position of the four posts. (See <i>Foundation preparation</i> section on installation manual) ♦ Call your local dealer. *
The posts are not equally positioned.	<ul style="list-style-type: none"> ♦ The post screws (attached to the outer shell) have loosen. ♦ The chain skipped during operation. ♦ A spring pin at the bottom of a jack is broken. 	<ul style="list-style-type: none"> ♦ Lower the Covana cover completely and screw the post back in at the correct height. ♦ Verify whether a drive shaft has fallen off. ♦ Lower the cover and replace the chain of the operator side. ♦ Replace the spring pins by lifting the outer sleeve, using a punch and a hammer.
The shades are loose, retract improperly and/or disconnect from the brackets. The shades are wrinkling or bulging at the roller.	<ul style="list-style-type: none"> ♦ The internal spring is not wound enough. ♦ Too much tension in the internal spring ♦ Holding bracket not parallels 	<ul style="list-style-type: none"> ♦ Consult shades installation manual ♦ Remove the bottom bar and reset the tension back to "4 turns" ♦ Make sure the outer sleeves are sitting on the foot plate, reposition the holding bracket so the roller shade is moving straight.
The middle sleeve has gripped and might have dropped abruptly.	<ul style="list-style-type: none"> ♦ Posts are frozen. ♦ The stopper kit is broken/missing. 	<ul style="list-style-type: none"> ♦ Verify the position of the all-weather seal, while cover is closed it must be sitting on the top of the outer sleeve ♦ Check whether the stopper kit is broken/missing. ♦ Reassemble the sleeves.
The cover raises unevenly.	<ul style="list-style-type: none"> ♦ The chain is broken. ♦ A spring pin is broken. ♦ A drive shaft has fallen off. 	<ul style="list-style-type: none"> ♦ Call your local certified dealer Covana dealer for technical support

The cover raises, but does not lower.	<ul style="list-style-type: none"> ♦ The cam plate is missing. ♦ The key switch is faulty. ♦ Limit switches cannot move properly. 	<ul style="list-style-type: none"> ♦ <i>Certified electrician only</i> opens the operator and check for faulty up and down limit switches. ♦ Remove power before performing any electrical work. ♦ Verify whether there is any corrosion on the terminals. If yes, clean the terminals. ♦ Open the key switch terminal and check for faulty switches. ♦ Verify whether any wires are cut/pinched.
The cover lowers, but does not raise.	<ul style="list-style-type: none"> ♦ The cam plate is missing. ♦ The key switch is faulty. ♦ Limit switches cannot move properly. 	<ul style="list-style-type: none"> ♦ <i>Certified electrician only</i> opens the operator and check for faulty up and down limit switches. ♦ Remove power before performing any electrical work. ♦ Verify whether there is any corrosion on the terminals. If yes, clean the terminals. ♦ Open the key switch terminal and check for faulty switches. ♦ Verify whether any wires are cut/pinched.
The inner seal turned black.	<ul style="list-style-type: none"> ♦ The seal has accumulated mold. 	<ul style="list-style-type: none"> ♦ Clean the affected areas with bleach and a soft brush.
Escape hatch doesn't open/close	<ul style="list-style-type: none"> ♦ Mechanism is jammed. ♦ Verify the position of the locking mechanism. 	<ul style="list-style-type: none"> ♦ Refer to the USING ESCAPE HATCH section (User manual). ♦ Remove the escape hatch from the underside of the cover and clean it to free the mechanism. ♦ If all previous attempts failed, contact your local authorized COVANA dealer.

WARRANTY

COVANA EVOLUTION - Limited Manufacturer's Warranty 2020

This limited warranty is extended solely to the original purchaser of an automated COVANA spa cover that was sold by an authorized COVANA dealer after January 1st, 2020 and installed for residential recreational use (hereafter the Product). The warranty starts on the original date of purchase[†]. Proof of purchase is required to process your warranty application.

THE WARRANTY OF YOUR COVANA PRODUCT:

THREE (3) YEARS

- **Structure:** The aluminum frame, brackets and telescoping sleeves are warranted against breakage and deformation.
- **Powder Coating Finish:** The powder paint on all surfaces are warranted against chipping and peeling under normal conditions of use.
- **Cover:** The ABS thermoplastic hardtop and the fiber reinforced XPS core thermal element are warranted against cracking, fracture and abnormal deformation.
- **Mechanical:** The mechanical components such as the motor, gear boxes, chains, drive shafts and jacks are warranted against malfunctions or premature wear.

ONE (1) YEAR

- **Electrical:** The electrical components such as the cables and wires, key switch assembly, limit switches and the LED light system are warranted against malfunctions.
- **Other Components:** All other components not mentioned above, with the exception of parts subject to normal wear, are all warranted against manufacturing defects.

COVANA warrants that parts and accessories subject to normal wear such as batteries, seals, roller shades, screens and key switch barrels cover, are to be free of manufacturing defects for a duration of THREE (3) MONTHS from the original date of purchase[†].

[†]**Please note:** The COVANA warranty is deemed effective no later than 12 months following the date on which the unit was shipped from COVANA's factory in Drummondville, Canada.

LIMITED WARRANTY:

This limited warranty covers the following costs against manufacturing defects due to material and/or workmanship:

- The total cost of parts is warranted in accordance to their respective warranty coverage duration starting from the original date of purchase[†].
- The costs of labor associated with the part replacement or repairs covered under this warranty for **ONE (1) YEAR** after the original date of purchase[†].
- The cost of shipping parts from the COVANA factory to the COVANA authorized dealer for **THREE (3) MONTHS** after the original date of purchase[†].

COVANA exempts itself from warranting or being found liable for any cosmetic alterations to the Product resulting from normal surface fading or weathering or the discoloration of the surface due to improper spa water chemistry or misuse of spa chemicals. COVANA will not be responsible for any damage resulting from overheating caused by covering or wrapping the Product in any types of fabric or plastic sheet or the result of convergence or reflections of sunlight on the Product. COVANA is not deemed responsible for failures caused by installations in unrecommended areas such as an enclosed excessively humid area, flood zones, corrosive environments or containing other contaminants. This limited warranty does not provide an allocation for travel expenses associated with any repairs or parts replacement.

PERFORMANCE

In the event of a defect covered by this limited warranty, notify your COVANA dealer as soon as possible to obtain service, and use all reasonable means to protect the COVANA Product from further damage. Upon proof of purchase, an authorized dealer will correct the defect subject to the terms and conditions contained in this limited warranty. The COVANA Product owner is responsible for providing access to the Product in order to perform the repair.

Any replacement part will retain the remaining portion of the original warranty of the Product. Should you be unable to obtain service from your authorized dealer, please contact COVANA Customer Service by phone at 1-877-278-8010.

WARRANTY LIMITATIONS

This limited warranty is voided if COVANA determines that the Product has (i) been subject to alterations, neglect, misuse, abuse, lack of maintenance or improper adjustment or installation of the equipment which are not in accordance to guidelines within the installation manual, (ii) been used with equipment that is not covered by this warranty, (iii) been installed or relocated in such a way that the problems are attributable to the installation or relocation, (iv) been placed on any support surface other than that recommended in the installation manual, (v) any damage caused by overloading Product beyond rated capacity, (vi) been subjected to commercial use (vii) failed as the result of an accident, natural disasters or other cause beyond the control of COVANA such as fire, flood, extreme winds or lightning.

Always have a licensed electrical contractor perform the installation, any electrical maintenance or repairs on the Product in order to keep this warranty valid and effective. Partial or totality of the warranty could be voided if any unauthorized accessories or upgrades are implemented to the Product. The COVANA Product owner accepts liability for repair work performed by anyone other than the authorized COVANA dealer.

This Limited Warranty takes the place of all other warranties, either expressed or implied. All warranty work must be performed by an authorized COVANA dealer. The customer may not dismantle the COVANA Product, and any attempt other than described herein to dismantle systems constitutes a modification or alteration to the COVANA Product, which may void the applicable warranty. No party other than COVANA is authorized to alter this limited warranty in any way. Failure to install the COVANA Product according to the installation manual instructions will void the warranty. COVANA will not be responsible of any consequential damages following installation or repairs or maintenance performed by the dealer or the consumer. All costs related to the removal and reinstallation of any surrounding equipment, landscape or any other structure that are not part of the Product is not the responsibility of COVANA nor the dealer.

COVANA's only obligation shall be to repair or replace defective parts that do not conform to the warranty. COVANA shall not be liable for any injury, loss or damage, direct or consequential, arising out of the inability to use the Product. Before installing and using the Product, the dealer shall determine the suitability of the Product for its intended use, and the consumer assumes all risks and liability in connection therewith.

REMINDER REGARDING REGISTRATION OF YOUR COVANA UNIT

Please ensure that your dealer has registered your Product with COVANA.

You can also go to COVANA.com to register your Product in the « Warranty Registration » section.

DISCLAIMER AND LEGAL RIGHTS

This limited warranty gives you specific legal rights. You may also have other rights that vary depending on the country, state or province. COVANA/Canimex Inc.'s liability under this limited warranty, if any, will not exceed the original amount paid for the defective Product. The foregoing warranty is exclusive and in lieu of all other warranties of quality, whether written, oral or implied (including any other warranty of merchantability or fitness for purpose). The COVANA warranty on units sold outside Canada and the United States will take effect 60 days after the date shown on Covana/Canimex commercial invoice to the distributor

www.covana.com/warranty.html

05/06/2020

APPENDIX

Washing the EVOLUTION cover

Cleaning the EVOLUTION is an essential part to maintain and keep your cover in running condition. Clean your cover as needed or when dirt, debris or leaves are present. We also recommend cleaning your cover before and after winterization.

Tools necessary:

- ♦ Use a 1% solution of household dish soap. The cleaner is required to have neutral pH (pH range 6.5-7.5).
- ♦ Soft plastic brush
- ♦ Sponge
- ♦ Cloth

The following steps are guidelines to safely and properly clean your Covana cover:

Method:

- 1) Rinse the COVANA cover with water (removing the larger debris).
- 2) Apply the soap solution, working it across the surface in a scrubbing or circular motion. The surface of the panels can be cleaned with a sponge, cloth or a soft plastic brush.
- 3) Quickly rinse very thoroughly to remove all traces of soap; otherwise, a film will build up giving the panel a dull, dirty appearance.

⚠ WARNING

- ♦ Never use a pressure washer or high pressure to clean the COVANA cover. The high pressure might puncture the fiberglass roof.
- ♦ Never use harsh detergents that may cause a chemical reaction and permanently damage the surface.
- ♦ Never use water hotter than 130°F (54°C), this may cause melting of the fiberglass panels.
- ♦ Never climb on the cover, the roof may collapse.
- ♦ Do not use abrasive cleaners.
- ♦ Do not use a cleaner or stain remover that contains chlorinated hydrocarbons or aromatic hydrocarbons.

Post greasing procedure

This unit will require the following greasing maintenance to ensure peak performance.

- ♦ The internal jacks require yearly greasing. Early fall is the best time. Use of “**Mobil Epic EP MOLY Grease**” is recommended for cold and hot climates. Ideally a sprayable grease or an equivalent low temperature synthetic grease.

Note: The posts will not lift by unscrewing the post covers. Only the motor can raise or lower the posts.

- 1) Lower the roof until it is fully closed.
- 2) Remove rubber cap on top of each post. (Figure 18)
- 3) Remove the five #8 Robertson screws on the top plate of each post. Also remove the hexagonal 7/32" (5.5 mm) drive bolt. Place top plates screws and drive bolt in a safe place. (Figure 19)

WARNING

- ♦ Failure to remove all four top plates will result in important damages to your COVANA cover.
 - ♦ Do not use power tools, since screws might break or strip.
- 4) Turn the key to elevate the system.
 - 5) The four internal jacks will start to elevate but the roof will stay lowered on the spa. (Figure 20)

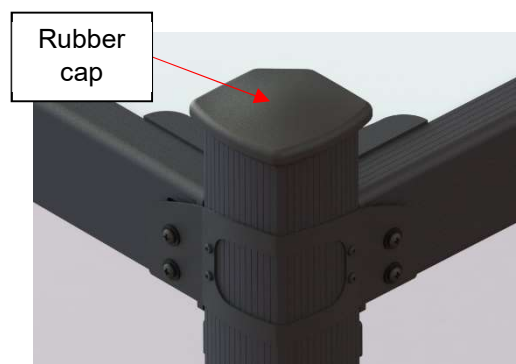


Figure 18

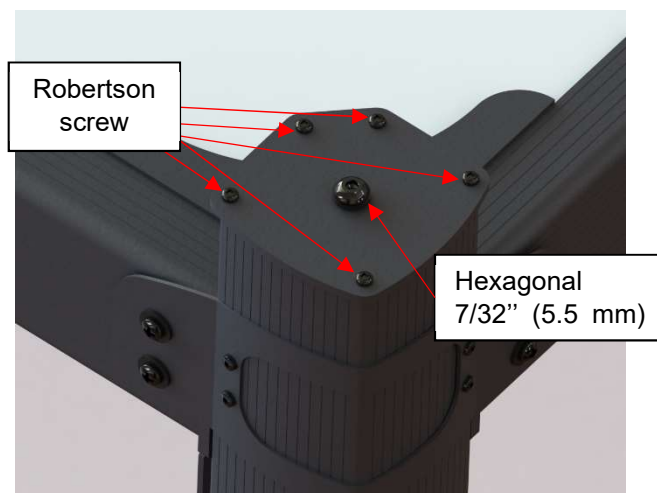


Figure 19



Figure 20

6) Raise the jacks until the system stops at maximum limit. (Figure 21)

7) Spray grease on all the sliding parts and mechanical components for all four jacks. (Figure 22)

8) Inspect the posts chains for signs of deterioration. If this is the case, please call your local COVANA dealer immediately. (Figure 23)

9) Cycle the system up and down and inspect if any further grease should be applied.

10) Lower the system completely until it stops automatically.

11) Put top plates back. Screw the five #2 Robertson screws and the hexagonal 7/32" (5.5 mm) drive bolt on the top plate of the post. (Figure 19)

⚠ WARNING

- ♦ The use of a power tool may break the screws.

12) Reinstall the rubber cap on top of the post (Figure 18)

13) Repeat step 11-12 for all four posts.

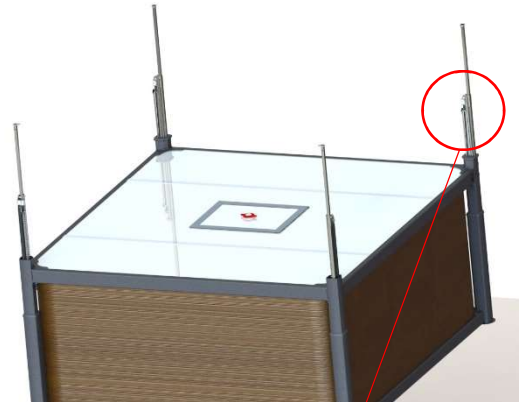


Figure 21

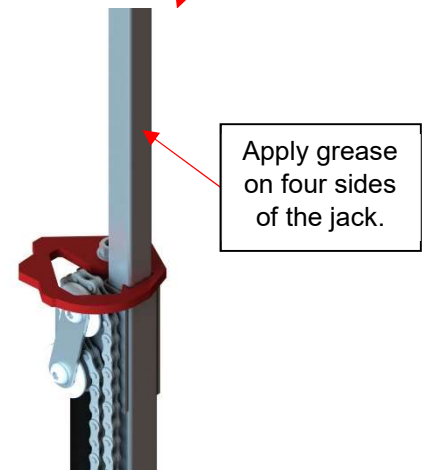


Figure 22

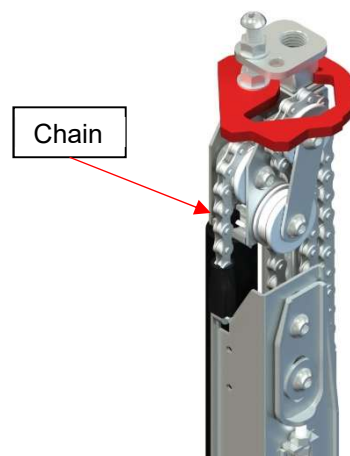


Figure 23

Chain lubrication procedure

- ♦ This procedure will explain the steps for successfully lubricating the chain on the operator side and opposite side posts. The use of “**Mobil Epic EP MOLY Grease**” is recommended for cold and hot climates. Ideally a sprayable grease or an equivalent low temperature synthetic grease.

Note: Two separate chains are located on the operator side posts (left and right). (Figure 24)

- 1) Remove the lower sleeve M6x 20 mm Phillips screw. The screw is visible front facing the post. (Figure 25)
- 2) Elevate by hand the sleeve and maintain it in position with a wood block. (Figure 26)

⚠ CAUTION

- ♦ If sleeve drops down, it might cause some damages.
- 3) Locate the chain inside the post. An opening in the post allows access to the chain. (Figure 27)
 - 4) Using the grease, spray the chain lightly while another person cycles the COVANA cover up and down. (Figure 27)
 - 5) Lower the sleeve back into place, ensure the nylon washer is outside of the sleeve. Screw back in the Phillips M6 x 20 mm screw. (Figure 25)
- 6) Repeat step 1 to 5 for the remaining post.

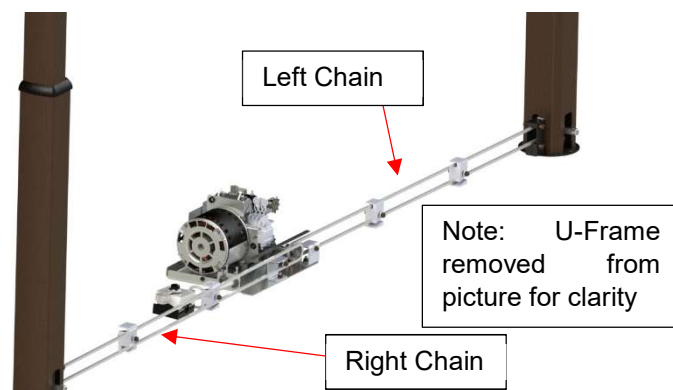


Figure 24



Figure 25

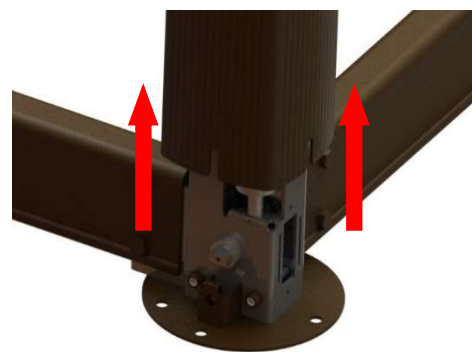


Figure 26

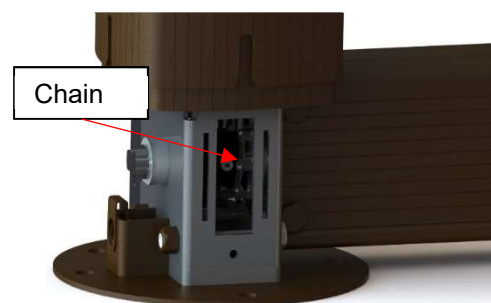


Figure 27

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Contact your local authorized COVANA dealer for all service-related issues.

Made in Canada by COVANA,
a division of the Canimex group.
www.covana.com

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