

COVANA

LEGEND USER MANUAL

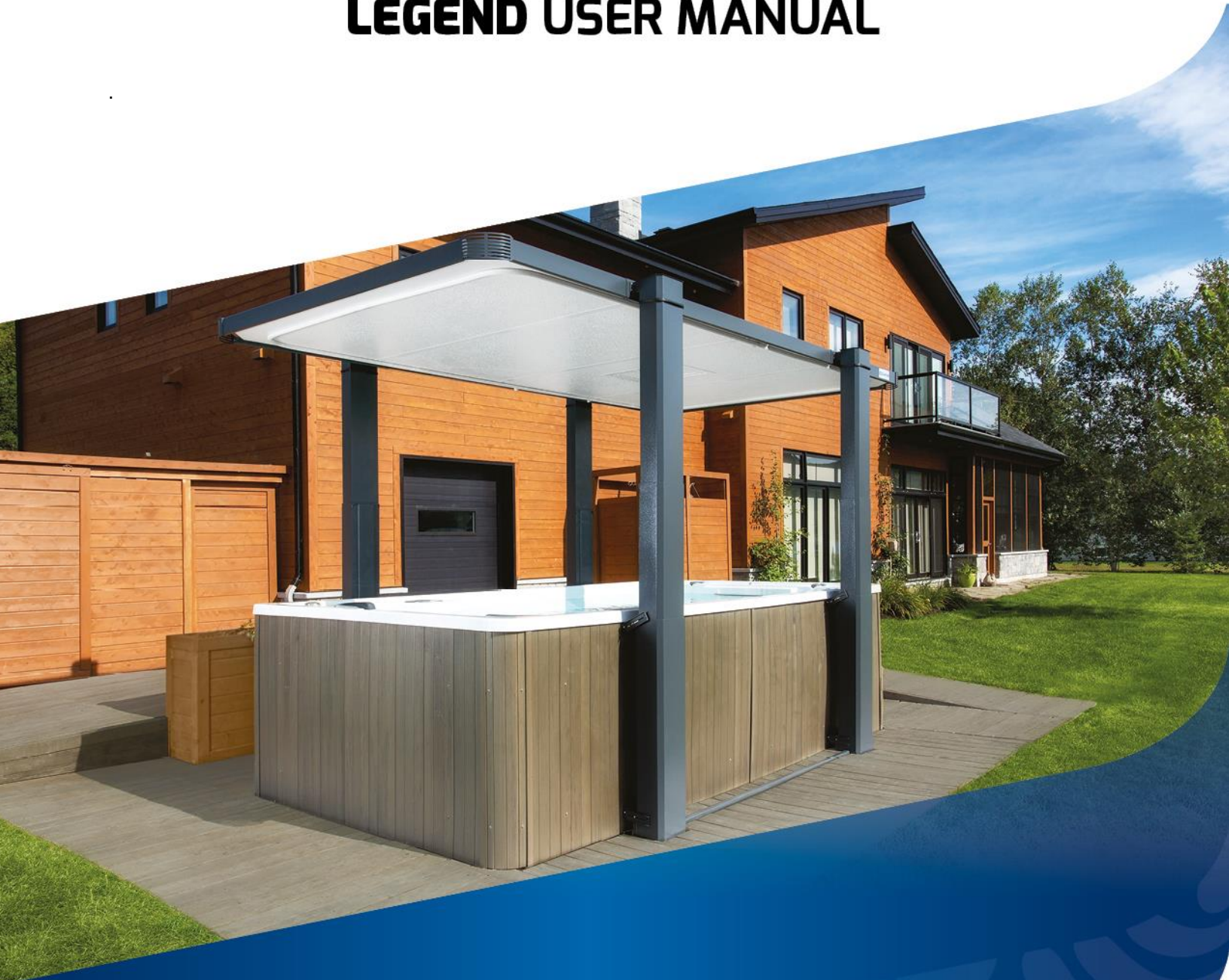


TABLE OF CONTENTS

TABLE OF CONTENTS	2
CONGRATULATIONS ON THE PURCHASE OF YOUR NEW COVANA COVER	3
SAFETY	4
Safety information.....	4
Avoiding the risk of electrocution.....	5
LABELING	6
GLOSSARY	8
QUICK START-UP INSTRUCTIONS	10
USING THE ESCAPE HATCH	11
Battery charging (For battery-operated models only and Emergency-battery backup).....	12
WINTERIZING THE LEGEND COVER	13
PERIODIC MAINTENANCE TABLE	14
TECHNICAL SPECIFICATIONS	15
Side elevation dimensions.....	15
Frame and foot print.....	16
Electrical specifications (For AC-operated model).....	17
Electrical specifications (For Battery-operated model).....	17
Operating limitations.....	18
General specifications.....	18
TROUBLESHOOTING	19
WARRANTY	20
APPENDIX	23
Washing the LEGEND cover.....	24
Post greasing procedure.....	25

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 residential 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 some snow or damp leaves that could accumulate on the cover, that are 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 it. Failure to observe this instruction will void the warranty and product 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 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 deformation or delamination of the cover.
- ♦ Inspect the cover periodically. It should raise smoothly and evenly. Contact your COVANA dealer if any unusual 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 hot tub with them to prevent 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 authorized COVANA dealer as soon as possible should you notice a malfunction.
- ♦ Close the cover when not in use or if the swim spa is not being monitored.
- ♦ A 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.

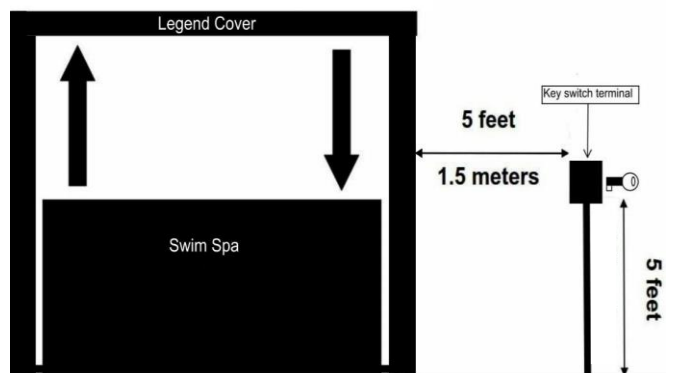


Figure 1

DO NOT

- ♦ Operate the unit before all mechanical and electrical connections are completed.
- ♦ Step on or stack anything on the COVANA control box or AC control box.
- ♦ Operate the COVANA cover while somebody is in the swim spa.
- ♦ 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 over time.
- ♦ 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 COVANA-approved accessories and tools.
- ♦ Do not roll the COVANA cover onto its side or slide it on its side. This will damage the siding.
- ♦ After removing any part, always place it in a safe place on a clean and level surface to ensure proper functionality.
- ♦ All four posts of the COVANA cover must be properly anchored to the swim spa frame using the tub mounting brackets and arms.
- ♦ This product mainly contains steel, plastic, copper (Cu), fiberglass, foam and aluminum (Al). Please recycle them properly.
- ♦ *For the battery-operated option or the emergency backup option*, both are powered by a rechargeable sealed lead acid battery. Please recycle it 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.
- ♦ 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.

- ♦ *For AC-operated models:* 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 components 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 all damaged electrical cables immediately. Failure to do so may result in death or serious personal injury due to electrocution.
- ♦ Do not bury any electrical cables. A buried cable 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 judgement, 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 ones, may cause the cover to operate in an unwanted or dangerous way. Furthermore, these modifications might void the warranty and certification.
- ♦ The COVANA cover was designed, tested and certified for the sole purpose of covering and securing a spa. Any installation that differs in whole or in part from this purpose will void the warranty and certification.

SAVE THESE INSTRUCTIONS

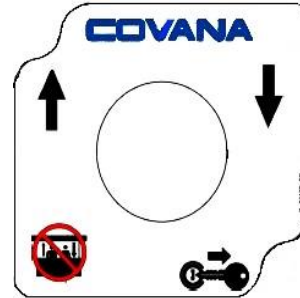
LABELING

⚠ 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 these labels are always visible and should never be removed.



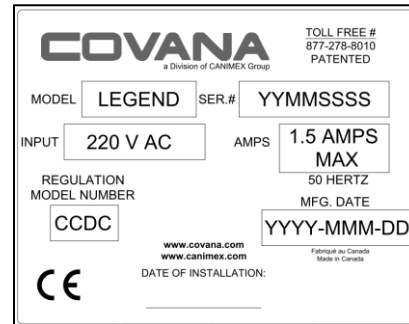
Risk of electrocution warning,
located on the AC control box.
(For AC operated model only)



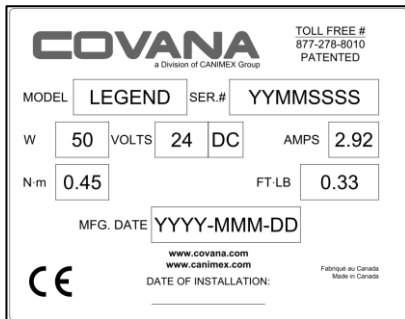
Key operating diagram, located on the
key switch.



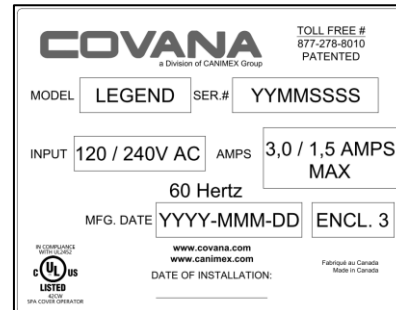
Drowning risk, located on all four sides of the COVANA cover



Specification label, located on the AC control box
Note: This label provides the serial number
(For AC operated model only, European Only)



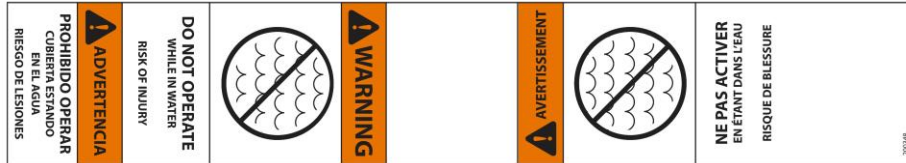
Specification label, located on the white control box
Note: This label provides the serial number
(For Battery operated model only)



Specification label, located on the AC control box
Note: This label provides the serial number
(For AC operated model only, North America Only)



Key switch warning, located on the key switch



Electrical information, located on the key switch cable



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

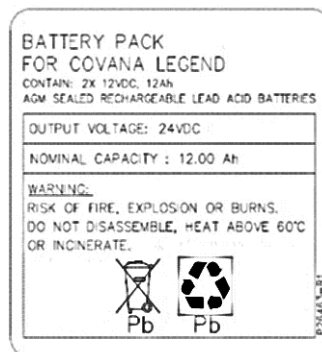


200350

Do not step symbol,
located on AC control box
(For AC operated model only)












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



Battery specification label, located on the
back of the battery pack.

GLOSSARY

Part	Figure	Function
All-weather seal	 <p data-bbox="594 617 675 642">Figure 2</p>	<p>The all-weather seal will help protect sleeves from damage due to weather.</p>
AC control box <i>(ACoperated model only)</i>	 <p data-bbox="586 905 670 930">Figure 3</p>	<p>The AC control box powers and controls the lifting mechanism of the COVANA cover.</p>
Battery pack <i>(Battery-operated model and battery backup only)</i>	 <p data-bbox="578 1146 662 1171">Figure 4</p>	<p>The battery pack is a sealed case where the two 12 V batteries are located. The harness that will connect to the charger and control box is on its right.</p>
Contour seal	 <p data-bbox="561 1373 646 1398">Figure 5</p>	<p>The contour seal ensures uniform contact between the cover and the swim spa. It prevents excessive water and other contaminants from entering the swim spa. It also reduces heat loss.</p>
Escape hatch	 <p data-bbox="565 1593 649 1619">Figure 6</p>	<p>The escape hatch is a removable panel and part of the cover. Refer to <i>Using the escape hatch</i> section.</p>

<p>Jack (motor and non-motor)</p>	 <p>Figure 7</p>	<p>The jack allows the cover to go up and down.</p>
<p>Sleeve</p>	 <p>Figure 8</p>	<p>The sleeve is an aluminum case for the lifting mechanism.</p>
<p>Key switch</p>	 <p>Figure 9</p>	<p>The key switch is used to operate the COVANA cover.</p>
<p>Top plate</p>	 <p>Figure 10</p>	<p>The top plate is a cover that is installed on the sleeve assembly. It protects the lifting mechanism from debris.</p>

QUICK START-UP INSTRUCTIONS

Ensure your COVANA cover was properly installed by an authorized COVANA installer; this includes the location of the cover (see the *Location considerations section of installation manual*), the foundation of the cover (see the *Foundation preparation section of installation manual*) as well as the electrical installation of the cover (see the *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 open and fully closed position.
- 6) Turn the key counter clockwise to raise the cover.
- 7) Turn the key clockwise to lower the cover.
- 8) The key will automatically return to center/off position when released.
- 9) Remove the key when finished operating the COVANA cover. Store the key in a secure place.

WARNING

- ♦ Users must bring the control key in the swim spa with them to prevent any unauthorized operation of the cover.

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

IMPORTANT: Keep the cover fully closed when not in use.

USING THE ESCAPE HATCH

From below

- 1) Turn the red handle a quarter turn in either direction to retract the arms. (Figure 11)
- 2) Push straight up on the escape hatch and set it aside.
- 3) Escape via the opening 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 centre part of the handle. (Figure 12)
- 3) Turn the handle until the key falls.
- 4) Continue to turn handle one quarter turn in either direction.
- 5) Lift the escape hatch straight up by gripping its sides and set it aside. (Figure 13)
- 6) Help the person trapped below by pulling them out of the swim spa via the opening.

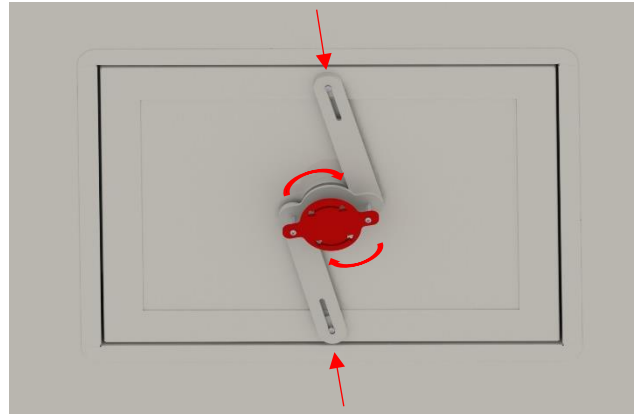


Figure 11



Figure 12

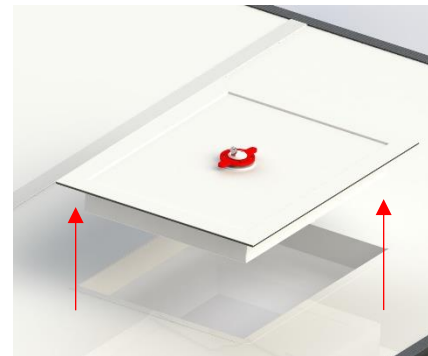


Figure 13

Battery charging *(For battery-operated models only and Emergency-battery backup)*

The COVANA cover includes two 24 V DC battery packs. Since the COVANA cover operates with these batteries, it is essential to maintain and charge your battery packs.

- 1) Use the battery charger provided and plug it in the regular wall power outlet. (110 V North America) (220 V Europe) (Figure 14)
- 2) Plug the battery charger harness into the battery.
- 3) A red light should appear to indicate that it is charging.
- 4) Wait for the green light to appear to indicate that the charging process is complete. (Time may vary for charging)

⚠ WARNING

- ◆ Only use the provided charger to charge the batteries.
- ◆ Do not charge the battery when connected to the COVANA cover. Completely remove the battery and replace it with the second battery provided.

Note:

You can leave the battery connected to the charger since it will stop charging automatically when the battery is fully charged.



Figure 14

(North American model shown)

WINTERIZING THE LEGEND 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 swim spa for a long period of time, particularly if the temperature goes below 32° F (0° C).

- 0) Clean the COVANA cover completely to remove any dust, greasy residue or any other foreign contaminants.
- 1) Prepare the swim spa for closure by following the spa manufacturer's winterization instructions.
- 2) Completely close the COVANA cover on the spa. Ensure the seal touches the whole perimeter of the swim spa.
- 3) Ensure the escape hatch is properly installed on the cover and is closed.
- 4) *-For AC-operated models:* Remove the power from the COVANA cover. This can be done by shutting off and securing the circuit breaker powering the COVANA cover;
-For Battery-operated models: Unplug the battery from the control box. Store your batteries in a safe, dry place between 59° F (15° C) and 86° F (30° C).
- 5) Put a tarpaulin or waterproof sheet over the COVANA cover. Do not infringe any of the swim spa manufacturer's guidelines during this step.
-For AC operated model: Also, put a tarp or water-tight protection sheet over the AC control 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 the cold season.
 - ◆ Remove any type of cover or plastic tarpaulin as soon as seasonal temperatures are above freezing (32° F or 0° C).
- 6) 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.
 - 7) *-For Battery-operated models:* During storage, charge batteries every month or leave on the COVANA battery charger. (Only use COVANA-provided battery charger)



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 sleeves are correctly positioned. (middle sleeves are not out of place)	X				
Check that all-weather seals are correctly positioned (in contact with the outer sleeves when the cover is closed).	X				
Listen for unusual sounds during operation.		X			
Check the seal around the COVANA cover. (no vapor leakage)		X			
Check the lifting mechanism by raising and lowering the COVANA cover.		X			
Check the anchoring of the COVANA cover.		X			
Check that the escape hatch functions properly		X			
Test the GFCI.			X		
Lubricate the chains on all posts.*				X	
Grease the jack assemblies. *				X	
Check the chain tension on all posts. *				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

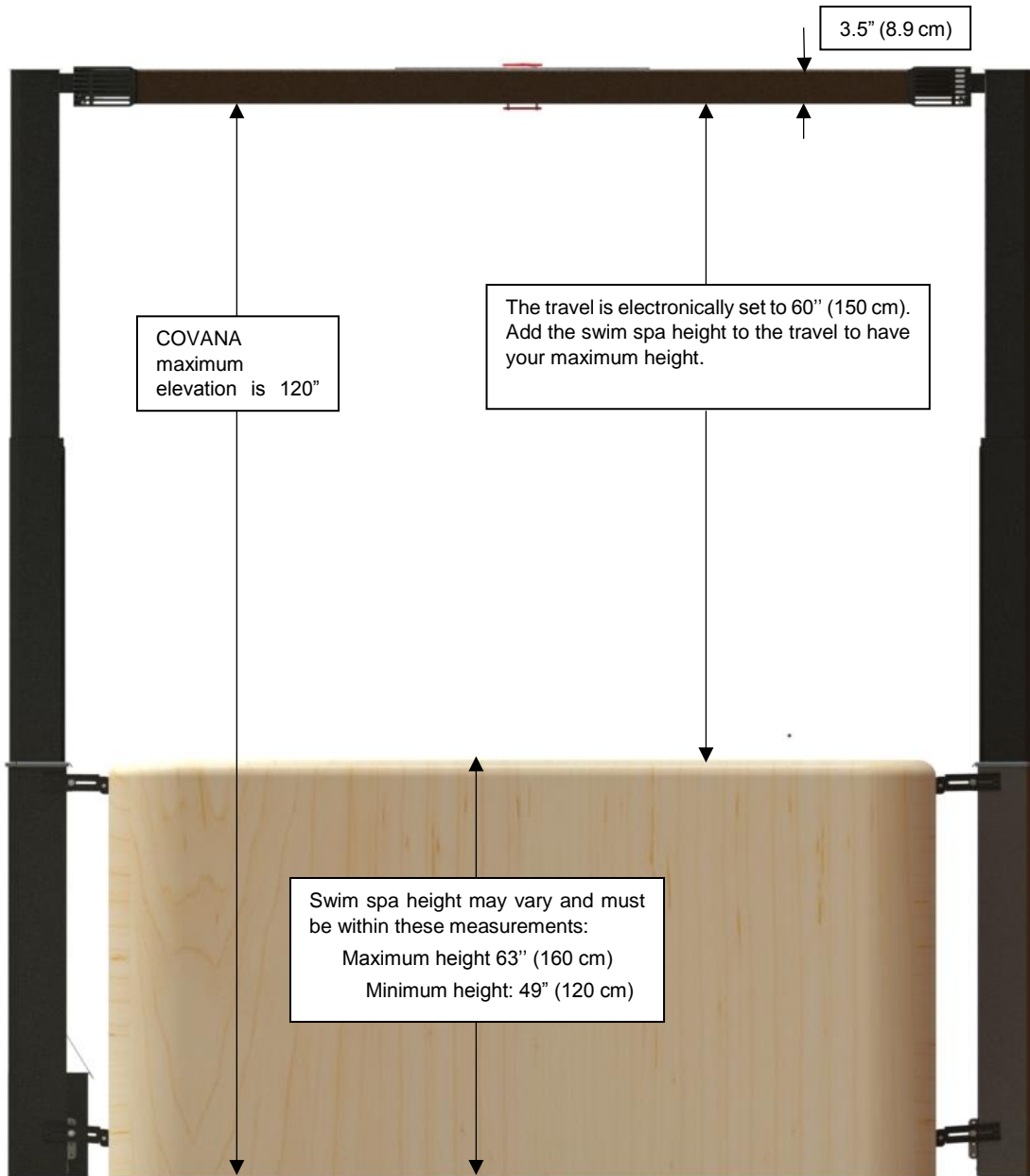


Figure 15

Frame and foot print

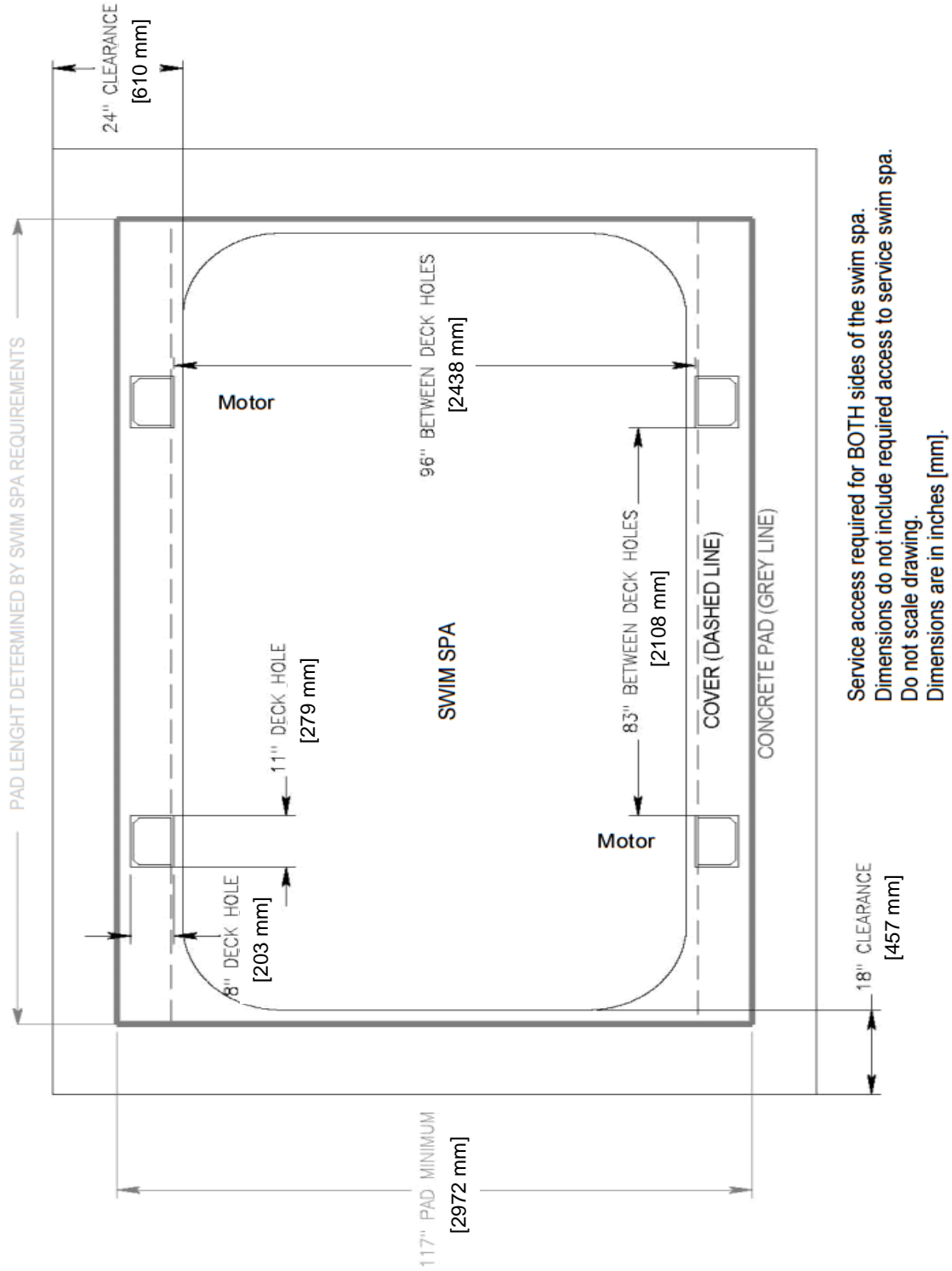


Figure 16

Electrical specifications (For AC-operated model)

- ♦ The cover requires a dedicated single-phase 115 V AC (North America) or 220 V AC (Europe) hard-wired power supply.
- ♦ The 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)
Continuous current draw:	3 A

European requirements:

Voltage:	220 V, 50 Hz (2 hot, 1 ground)
GFCI:	10 A single-pole GFCI (not included)
Continuous current draw:	1.5 A

⚠ WARNING

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

Electrical specifications (For Battery-operated model)

Required voltage:	24 V DC System
Required wall outlet:	115 V AC for charger North America (220 V AC European model)
Battery:	24 V DC, 12 Ah, AGM sealed lead-acid battery

⚠ WARNING

- ♦ COVANA does not allow any modifications of the electrical system. COVANA reserves the right to void the warranty if any modification 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 25 mph (40 km/h) while in the raised position and 37 mph (60 km/h) when completely lowered onto the swim spa.
Maximum weight on the cover (evenly distributed)*	200 lb. (90 kg)

* The load specification for the LEGEND cover is a provision for environmental outcomes, typically some snow or damp leaves that could accumulate on the cover.

General specifications

Lifting speed	2.5"/sec (6.35 cm/s)
Total weight	918 lb. (416 kg) (20' model)
Length key switch cable	25 ft. (7.6 m)

TROUBLESHOOTING

Problem	Probable Causes	Solutions
COVANA cover does not raise or lower. (Silent motor and no movement)	<ul style="list-style-type: none"> ◆ The GFCI is tripped. ◆ The power source is disconnected. ◆ Battery has low power. ◆ Controller is in “lockout” mode. 	<ul style="list-style-type: none"> ◆ Reset the GFCI. ◆ Check if the power source is enabled. ◆ Disconnect the battery for 60 seconds to reset the COVANA controller. ◆ Charge battery. ◆ Check if any electrical cables are damaged or pinched. ◆ Check the breaker panel.
COVANA cover does not raise or lower. (Motor humming and some visible movement)	<ul style="list-style-type: none"> ◆ Posts are frozen. ◆ Cover is obstructed. ◆ Jack assemblies are jammed. ◆ Posts are obstructed. ◆ Power source is disconnected. 	<ul style="list-style-type: none"> ◆ Remove all debris from top of COVANA cover. ◆ Check if any posts are obstructed. ◆ Use methanol to free ice buildup on posts. ◆ Grease the post assemblies. ◆ Check the relative position of the posts. (See <i>Foundation preparation</i> section on installation manual) ◆ If all previous attempts failed, contact your local authorized COVANA dealer.
Posts are not equally positioned.	<ul style="list-style-type: none"> ◆ A drive shaft has fallen off. ◆ Chain skipped during operation. ◆ A spring pin is missing or broken. ◆ Controller does not calculate the height properly. ◆ Excessive weight on one side of COVANA cover. 	<ul style="list-style-type: none"> ◆ Re-install any fallen drive shaft. ◆ Replace any broken chain. ◆ Replace any missing or broken spring pin. ◆ Remove all debris from top of COVANA cover. ◆ If all previous attempts failed, contact your local authorized COVANA dealer.
Middle sleeve has dropped.	<ul style="list-style-type: none"> ◆ The middle sleeve froze on the inner sleeve. ◆ The stopper kit is broken/missing. 	<ul style="list-style-type: none"> ◆ Check 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. ◆ If all previous attempts failed, contact your local authorized COVANA dealer.
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 <i>USING THE ESCAPE HATCH</i> section (page 12) ◆ 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.
Cover raises unevenly	<ul style="list-style-type: none"> ◆ A chain is broken. ◆ A spring pin is broken. ◆ A drive shaft has fallen off. 	<ul style="list-style-type: none"> ◆ Contact your local authorized COVANA dealer for technical support immediately. ◆ Do not operate the COVANA cover.
Cover seal turned black.	<ul style="list-style-type: none"> ◆ Seal has accumulated mold. 	<ul style="list-style-type: none"> ◆ Clean the affected areas with bleach and a soft brush. Rinse well with water.

WARRANTY

COVANA Limited Manufacturer's Warranty 2019

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 February 1st, 2019 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).

www.covana.com/warranty.html

01/28/2019

APPENDIX

Washing the LEGEND cover

Cleaning the LEGEND cover is essential to maintain and keep your cover in good 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.

Necessary tools:

- ◆ 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:

Procedure:

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

- 1) Lower the roof until it is fully closed.
- 2) Remove the 2 #2 Robertson screws on the top plate of each post. (Figure 17) Place top plates in a safe place.

⚠ WARNING

- ◆ Do not use power tools, since screws might break or strip.

- 3) Remove the 4 1/4"- 20 x 5/8" carriage bolts from each post using a 7/16" (11 mm) socket wrench. (Figure 18)
- 4) Gently slide down the sleeve assembly (Figure 19).
- 5) Replace the four threaded rods only (not the sleeve). Use the 1/4"- 20 x 5/8" carriage bolts 7/16" (11 mm) socket. (Figure 19)

⚠ WARNING

- ◆ If the jacks are raised without the cover fastened on, they will not be able to lower back to their original position.

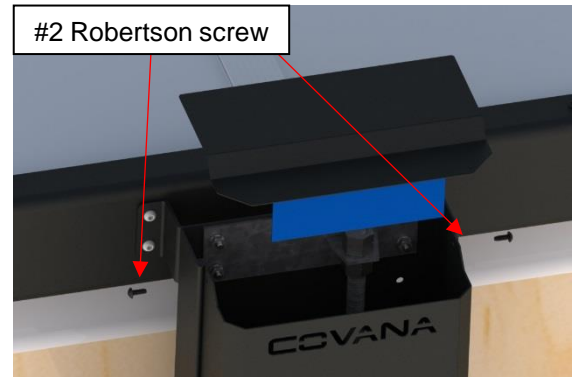


Figure 17

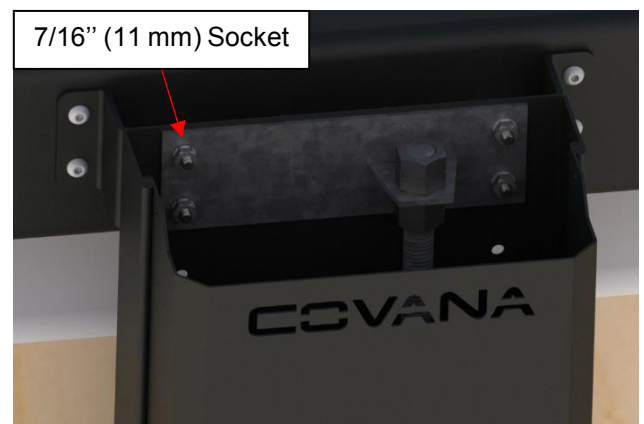


Figure 18



Figure 19

6) Raise the jacks until the system stops at its maximum limit. (Figure 20)

7) Spray grease on all the sliding parts and mechanical components. (Figure 21)



Figure 20

8) Inspect the post's cables and chains for signs of deterioration. If that's the case, please call your local COVANA dealer immediately.

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

10) Lower the system and unbolt the 1/4"- 20 x 5/8" carriage bolts 7/16" (11 mm) socket for each jack assembly.

11) Slide each sleeve back on and use 1/4"- 20 x 5/8" carriage bolts 7/16" (11 mm) socket for each jack assembly.

12) Reinstall each top plate with 2 Robertson #2 screws.

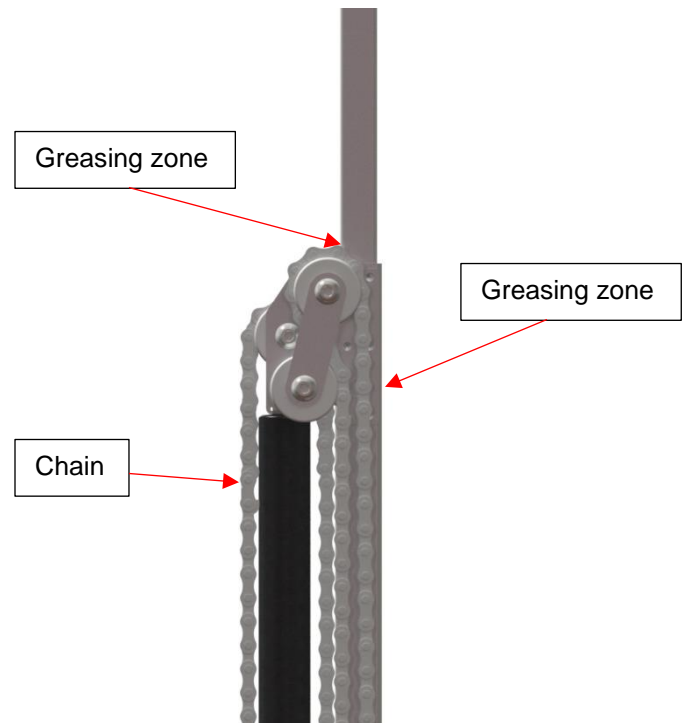


Figure 21

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

Made in Canada by COVANA,
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www.covana.com

PATENTED

CANADA 2,532,429
US 11/162,557
UK 0515168.3
AUSTRALIA 2006200251

The information in this manual was accurate at the time of print. The manufacturer reserves the right to change or improve its product without prior notice.