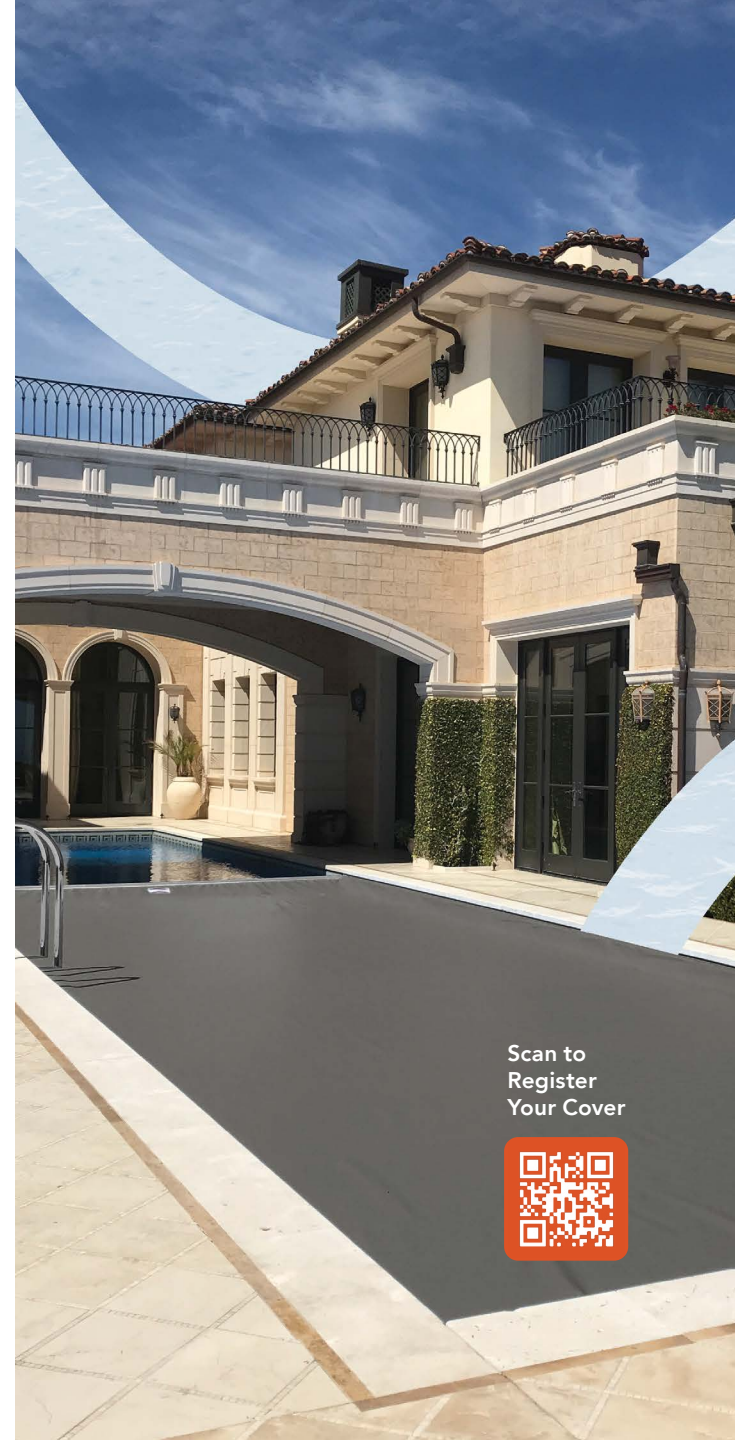


Automatic Pool Covers

Owner's Guide to Pool Cover Safety and Operation

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Scan to
Register
Your Cover



WARNING

DO NOT ATTEMPT TO CONNECT, OR DISCONNECT, THE CONTROL UNIT OR MOTOR HARNESS WHILE SUPPLY POWER IS ON. DOING SO CAN IRREVERSIBLY DAMAGE CONTROLLER AND COVER MOTOR, AND POTENTIALLY CAUSE SERIOUS INJURY OR DEATH.

IMPORTANT

NEVER LEAVE POOL UNCOVERED
WITHOUT ADULT SUPERVISION.

TO PREVENT A DROWNING HAZARD, THE AUTOMATIC COVER CAN BE CLOSED MANUALLY IF THE POOL COVER CONTROL SYSTEM BECOMES INOPERABLE WHILE THE POOL COVER IS OPEN.

READ AND FOLLOW ALL INSTRUCTIONS

WARNING: To reduce the risk of injury, whenever possible, cover should only be **operated by an adult or pool owner**. Do not permit children to use this product unless closely supervised at all times.

Risk of Electrical Shock - Disconnect Power Before Servicing

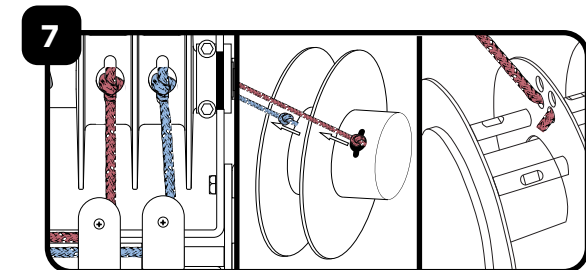
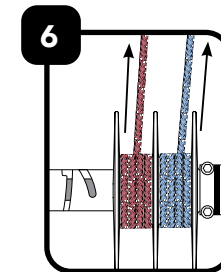
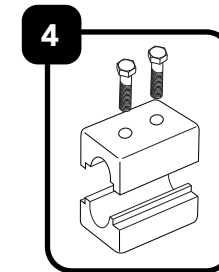
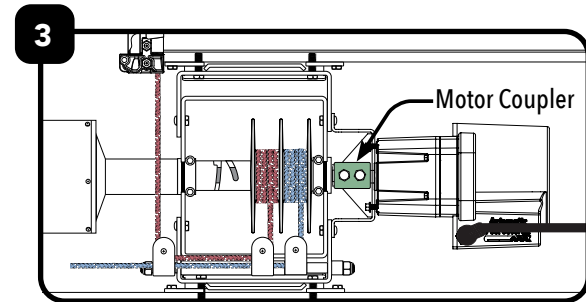
- **Never leave your cover partially opened.** Entrapment is possible.
- Do not close the cover until **all swimmers and toys are out of the pool/spa.**
- **Keep children away from cover.** Children or objects cannot be seen under the cover.
- **Do not walk on the cover** except for emergency purposes only.
- **Keep the cover pump properly placed on top of the cover** and plugged in whenever the cover is closed.
- **Always keep water pumped off** of the cover to avoid drowning risk.
- Keep all electrical cords and submersible pump **away from the swimming area** while swimming.
- **Check cover** frequently for signs of deterioration.

IMPORTANT NOTE

- These instructions are for AUTOMATIC POOL COVERS, INC. systems.
- Complete [steps 1 - 9](#) for an **AutoGuard™** cover system
OR [steps 1, 5 - 9](#) for a **Spa** cover system.

- 1** Turn off power supply to cover system.
- 2** Remove the lid or housing cover to access the mechanical components of the cover system. These are located on the right or left side of end of the pool where the cover rolls up.
- 3** Locate the motor coupler assembly which attaches the motor to the cover mechanism.
- 4** Using a 9/16" wrench (socket wrench with extension works best), remove the two coupler bolts which hold the coupler together. This eliminates resistance on the cover from the idle motor.
- 5** Locate the ropes and the reel they are wound onto.
- 6** Pull the ropes upward incrementally, unwinding the reel, until the ropes are at their end.
- 7** Unfasten the ropes from both of the reels.
- 8** With both ropes free from reel, establish a good grip in the same spot on each rope and pull. The cover should move.
- 9** Move the cover a few feet on each pull using controlled movements. Make sure to keep even tension on both ropes so the cover stays straight. Reset grip on the rope if necessary between pulls. Pull until cover is fully closed.

For assistance with this procedure, contact your cover service company or Automatic Pool Covers, Inc. technical support (800) 878-5789.



AutoGuard™

Spa

Our ropes are grey, but shown here in red and blue to distinguish the two different ropes.

COVER

- Ensure that all debris and water on top of cover is routinely removed.
- Your cover should not be operated in temperatures below 40° F.
- Your cover should not be operated if the water level is below the skimmer. This will cause the cover to strain and potentially damage the system.
- When winterizing, the water level should be no lower than 1"-2" below the skimmer. The cover has slack to accommodate this winter level.
- Ladders (if applicable) must be removed or hinged so they can be raised before the cover is closed.
- **Only if pool can be attentively supervised by a responsible adult**, leave cover open (up to 60 minutes) after adding chemicals to the pool water to allow for them dissipate.

VINYL FABRIC

- When the fabric begins to show wear due to chemicals, age, heat and sun, it will become brittle and may compromise the safety aspect of the fabric. When the fabric reaches this point, it should be replaced. Contact your service company at this time.
- Inspect for holes or tears in fabric. Contact your pool cover service company if you find any. The fabric can often times be patched.
- Inspect the webbing (the material that runs in the tracks). If the stitching begins to tear or fray, the strength of the cover may be compromised.

TRACKS

- Inspect the screws that secure the deck/coping (if applicable). If they become loose, tighten the screws with a #3 Phillips-head screwdriver.
- With the cover open, spray water into the track opening two times per year, in the spring and autumn, to remove potential debris buildup. Using a high pressure nozzle, spray water into the track opening, beginning at the end with the motor, all the way to the other end of the track. At the end of the track, spray continually until the water comes out clear.

MECHANISM

- The mechanism is designed to be maintenance free; however, the recessed box the cover rolls into should be cleaned out at least once per year. Leaves and debris from inside the box can be deposited into your water while operating your cover system.
- A cover system maintenance should be performed by a trained service technicians either annually or bi-annually. This service typically includes cleaning out the recessed box, an overall tune up of the system and a complete safety check.
- Check the recessed box for standing water. The recessed box has an opening to allow water to drain. Water in the recessed box may cause undue wear. Additional drainage may be needed if this problem arises.
- Turn power to the system off while the pool is closed for the season.

ROPES

- Inspect the ropes for any fraying or unusual looking wear. If frayed ropes are observed, contact your service provider to replace the ropes before possible breakage.
- Do not grease or lubricate the ropes. The ropes and webbing do not require grease and should never be lubricated.

COVER PUMP

- Pump must be plugged into a G.F.C.I. protected outlet only.
- Inspect the pump periodically for wear and keep the pump clear of debris.
- Pump must be UL/ULC approved and meet ASTM safety standard specifications.
- Keep pump on top of cover and plugged in whenever it's closed.

Can I walk on the cover?	We recommend an adult walk on the cover only in case of an emergency.
There seems to be a lot of slack in the cover, is it too big?	No. The fabric is manufactured to include extra material. The fabric may appear wrinkled or oversized but that is normal and they will smooth out. The extra fabric allows for variance in water level and allows the fabric to shrink.
Can the cover be opened/closed manually?	Yes. Please refer to the "Manually Securing Your Cover" section (pg. 3) of this manual, or contact your pool cover service company.
If I drain my pool/spa or if the water leaks out, should I close the cover?	No. Closing the cover when the water level is any more than 6" below the skimmer could cause damage to the system. The system is designed for the level of the water to support the cover.
The cover is opening/closing crooked, what should I do?	If the cover opens or closes more than 2" off in normal position, then an adjustment is needed. This should be accomplished by a trained technician. Please contact your pool cover service company.
Should I leave the cover pump on the cover at all times?	The cover pump should be left on when the cover is closed. The only exception is during severe winter conditions. If it is too cold to melt the ice and snow on the cover, pull the pump off and place it in a warm area. Place the pump back on when the ice begins melting.
Sometimes I hear a "popping noise" when I open/close the cover...is that normal?	This noise is caused when the ropes pass through the different pulleys and onto the rope reel. The ropes are used to pull the cover across the pool so there is tension on the ropes. When they roll up on the rope reel in the mechanism, there are high spots and low spots. A popping noise may occur when the rope "snaps" down into one of the low spots. This is normal and not an indication of trouble.

The cover does not open/close when I activate the controller.

- Check wire connections.
- Have someone stand by the pool cover box and listen for the motor while someone else operates the controller. This will help determine if the motor is running, and the issue may be with another part of the system.

Water appears on my cover when it has not rained in days

- Your cover may have a hole and needs to be patched. Contact your pool cover service company, as the fabric can often times be patched.

The cover stops halfway closed/opened.

- The tracks might have dirt or debris inside. Clean the tracks out with water.
- The ropes could be tangled around the rope reel. Disconnect the power. Lift the lid, if the rope appear to be tangled, call for service or carefully attempt to untangle ropes.
- There is too much water or an obstruction. Pump the water off the cover. If problem continues, the torque may need to be adjusted.

The controller indicator light is blinking red.

- This means the cover has stopped under stress. There might be too much water on the cover. The cover could be running crooked or there could be an object blocking the cover. Remove the water or blocking object. If red light continues to blink, call for service.
- Torque level is too low. Contact your pool cover service company to have it adjusted.

The cover is completely open and will not close.

- If the green indicator light is NOT showing, you do not have power to the system. Check your electrical service and make sure your code is correct (PowerTouch™ only).

Cover pump is not pumping off the water.

- The automatic on/off may be malfunctioning. Check your pump owner's manual for troubleshooting tips.

My controller does not light up.

- Check for power.
- Make sure that your code is correct (PowerTouch™ only).

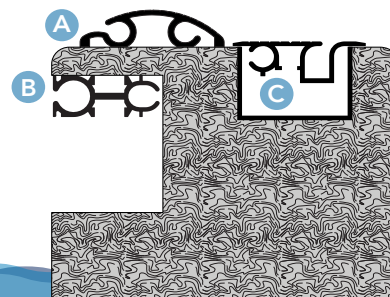
To help understand the different components of automatic pool cover systems, this illustration shows the basic layout of major components of the system and their function. Your system may vary slightly.

SYSTEM COMPONENTS

- 1 **PowerTouch™ Keypad Controller†**
- 2 **Key Switch Controller†**
- 3 **Motor** - drives the system
- 4 **Mechanism End** - the end that has the motor
- 5 **Tube** - what the cover rolls up on
- 6 **Polymer Box** (wood or concrete) - holds unit
- 7 **Opposite End** - non-motor end
- 8 **Rope Guide*** - transitions the rope from the track to the reel
- 9 **Track** - the rope and cover/webbing run inside
- 10 **Pulley Casting*** - where the rope turns around at the far end
- 11 **Rope** - connected to cover; runs inside the track
- 12 **Glider & Bracket*** - connects the rope to the lead edge
- 13 **Lead Edge§** - the front edge of the pool cover
- 14 **Carriage & Bracket*** - connects the rope to the lead edge
- 15 **Webbing** - section of material connected to the edge of the cover
- 16 **Cover** - the vinyl that protects the pool

TRACKS

- A **Top Track** - mounted to the surface of the pool decking
- B **Under Track** - mounted under the pool decking (2 & 3 channel)
- C **Flush Track** - recessed in the surface of the pool decking



* Part design appearance may differ from illustration

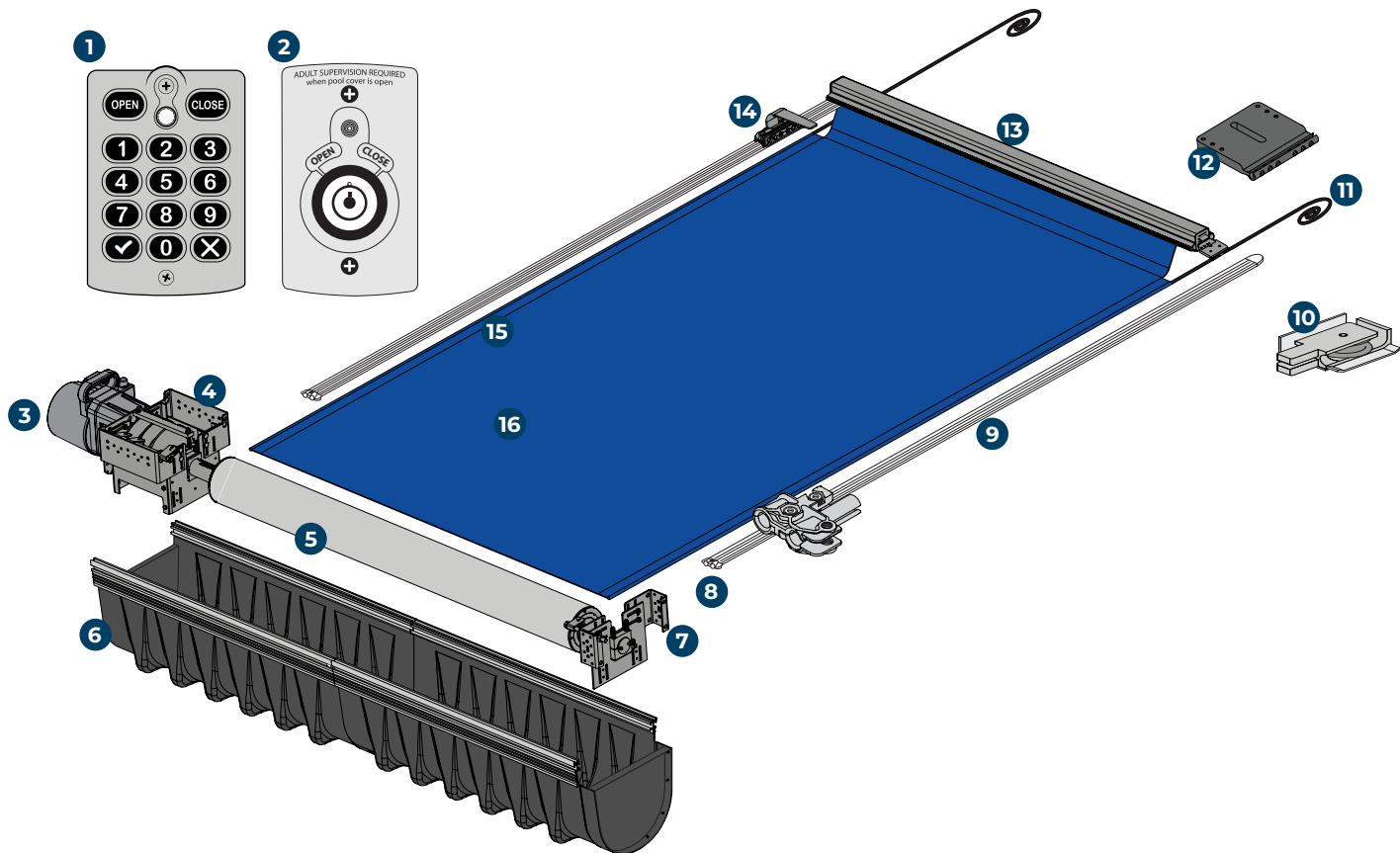
§ Your Lead Edge may be square or round

† Your system has one kind of controller or the other

NOTICE

AN INOPERABLE COVER IN THE OPEN POSITION POSES A SAFETY CONCERN.

IF YOU CANNOT DIAGNOSE THE ISSUE PREVENTING YOUR COVER FROM FULLY CLOSING, PLEASE CONTACT AUTOMATIC POOL COVERS, INC. TECHNICAL SUPPORT AT (800) 878-5789 OR YOUR LOCAL COVER SERVICE PROVIDER FOR ASSISTANCE.



IMPORTANT PRIOR TO OPERATING COVER

- Ensure that you are familiar with all of the safety instructions
- Read instructions prior to operating cover
- Ensure swimmers are not in the pool or spa during operation.
- Remove the cover pump
- Clear obstructions (towels, ladders, toys, pool furniture, etc.).
- Remove water or debris from top of cover with cover pump or pool brush.

INDICATOR LIGHT

- **SOLID GREEN** - System idle
- **FLASHING GREEN** - System in motion
- **SOLID RED** - New code can be entered
- **FLASHING RED** - Obstruction or error

OPENING THE COVER

★ Review **IMPORTANT!** Information Above.

- 1 Type your 4 digit code on the Touch Pad pad  then press and release   Press and hold the   button.
 - 2 The Indicator Light  will FLASH GREEN while the cover is moving.
 - 3 When cover is fully opened, system electronics will stop the cover and the Indicator Light  will FLASH RED.
 - 4 Release the  button when cover is fully opened. Release button as soon as the cover stops!
- IMPORTANT! MAKE A VISUAL CHECK TO VERIFY COVER IS FULLY OPEN.**
- 5 The Indicator Light  will turn SOLID GREEN.
 - 6 Turn off the controller by letting the controller rest for 20 seconds, or pressing the  button.



- A OPEN Cover
- B CLOSE Cover
- C Indicator Light
- D Number Keys
- E Enter
- F Cancel/Exit

CHANGING YOUR CODE

To change the default code (1 2 3 4) or to change your custom code:

- 1 Press and hold ENTER ✓ button until Indicator Light C glows solid red.
- 2 Enter new desired 4 digit code.
- 3 The RED Indicator Light C will turn off when the new code has been accepted. The controller is ready for normal use.

CLOSING THE COVER

★ Review IMPORTANT! Information on Page 10.

- 1 Type your 4 digit code on the Touch Pad pad D then press and release ✓ E Press and hold the CLOSE B button.
- 2 The Indicator Light C will FLASH GREEN while the cover is moving.
- 3 When cover is fully closed, system electronics will stop the cover and the Indicator Light C will FLASH RED. Release the CLOSE button when cover is fully opened.
- 4 Release button as soon as the cover stops!

IMPORTANT! MAKE A VISUAL CHECK TO VERIFY COVER IS FULLY CLOSED.

- 5 The Indicator Light C will turn SOLID GREEN.
- 6 Turn off the controller by letting the controller rest for 20 seconds, or pressing the X button.
- 7 Place cover pump on the cover and plug it into a G.F.C.I. electrical outlet.

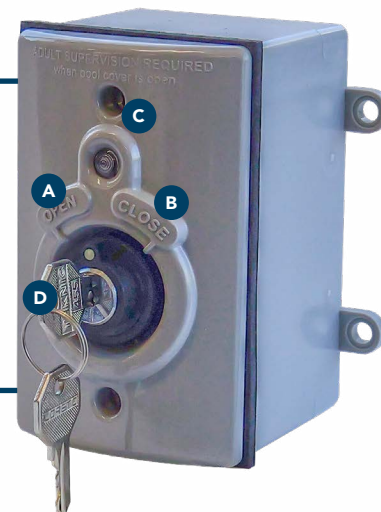
IMPORTANT PRIOR TO OPERATING COVER

- Ensure that you are familiar with all of the safety instructions
- Read instructions prior to operating cover
- Ensure swimmers are not in the pool or spa during operation.
- Remove the cover pump
- Clear obstructions (towels, ladders, toys, pool furniture, etc.).
- Remove water or debris from top of cover with cover pump or pool brush.

INDICATOR LIGHT

- **SOLID GREEN** - Ready
- **FLASHING GREEN** - In motion
- **SOLID RED** - Cover is open/closed
- **FLASHING RED** - Obstruction or error

- A** Open Cover
- B** Close Cover
- C** Indicator Light
- D** Key



OPENING THE COVER

- Be sure the key switch light is SOLID GREEN, indicating there is power to the cover system.
- If the light begins to FLASH RED during the OPEN/CLOSE procedure, the cover has stopped due to a strain on the motor. Release key and troubleshoot. Clear any obstructions. Turn power off and back on to reset system. If light continues to FLASH RED, call for service.

- 1 Insert key **D**, turn LEFT to OPEN **A** cover.
- 2 The Indicator Light **C** will FLASH GREEN and the cover will begin to move.
- 3 Keep constant pressure on the key during the open procedure.
- 4 When the cover is completely open, the Indicator Light will become SOLID RED.
- 5 When the key is released, the Indicator Light will turn SOLID GREEN*.

***IMPORTANT! MAKE
A VISUAL CHECK
TO VERIFY COVER
IS FULLY OPEN.**

CLOSING THE COVER

- Be sure the key switch light is SOLID GREEN, there is power to the cover system.
- If the light begins to FLASH RED during the OPEN/CLOSE procedure, the cover has stopped due to a strain on the on motor. Release key and troubleshoot. Clear any obstructions. Turn power off and back on to reset system. If light continues to FLASH RED, call for service.

- 1 Insert key **D**, turn RIGHT to CLOSE **B** cover.
- 2 The Indicator Light **C** will FLASH GREEN and the cover will begin to move.
- 3 Keep constant pressure on the key during the close procedure.
- 4 When the cover is completely closed **C**, the Indicator Light will become SOLID RED.
- 5 When the key is released, the Indicator Light will turn SOLID GREEN*.

***IMPORTANT! MAKE
A VISUAL CHECK
TO VERIFY COVER
IS FULLY CLOSED.**

MECHANICAL AND ELECTRICAL

Automatic Pool Covers, Inc. warrants the Mechanical and Electrical components to be free from defects in material or workmanship which results in failure of the component and/or an inoperable Cover System.

MECHANICAL COMPONENTS TERMS AND CONDITIONS

The Mechanical Components Limited Warranty Period is ten (10) years or one-hundred-twenty (120) months from the shipment date of the Mechanical Components from Automatic Pool Covers, Inc. Automatic Pool Covers, Inc. will replace or repair the Mechanical Components and include return shipping costs from Automatic Pool Covers, Inc. during the Limited Warranty Period. The Mechanical Components Limited Warranty does not include pulleys, guides, lead edge gliders or custom items.

ELECTRICAL COMPONENTS TERMS AND CONDITIONS

The Electrical Components Limited Warranty Period is three (3) years or thirty-six (36) months from the shipment date of the Electrical Components from Automatic Pool Covers, Inc. Automatic Pool Covers, Inc. reserves the right to replace or repair the Electrical Components and include return shipping costs from Automatic Pool Covers, Inc. during the Limited Warranty Period.

MECHANICAL AND ELECTRICAL COMPONENTS LIMITED WARRANTY CONDITIONS:

Components are treated as individual parts of the System, and they are each covered individually, not wholly.

The Limited Warranty does not include any travel or labor costs for replacement or repair of warranted parts from Automatic Pool Covers, Inc. to the Pool Cover Dealer, Distributor or Pool Cover Owner.

- The Limited Warranty does not cover shipping costs of Components to Automatic Pool Covers, Inc.
- The Limited Warranty does not cover incidental or consequential damages.
- The Limited Warranty is not valid if full payment has not been received by Automatic Pool Covers, Inc. in accordance with the original terms and conditions of sale prior to warranty claim.
- The Limited Warranty does not cover the following: Acts of God such as storm or flood, snow damage, operation of the Cover System with frozen water and/or in temperatures below forty (40°) degrees Fahrenheit, inadequate pool water level, or due to user abuse, improper installation, improper chemical balance, or failure to comply completely with the Manufacturer's Installation and Owner's Manual guidance.

All Limited Warranty Claims must be pre-authorized by Automatic Pool Covers, Inc. and Components are required to be returned to Automatic Pool Covers, Inc. for warranty determination. Replacement Components will carry the balance of the original warranty.

COVER FABRIC

Automatic Pool Covers, Inc. warrants the Cover Fabric ("Fabric") material free from defects due to excessive shrinkage or deterioration whereby the Fabric is unable to prevent a volume of pool water from penetrating through the bottom of the Fabric or which results in an inoperable Cover System.

The Cover Fabric Material Limited Warranty Period is five (5) years or sixty (60) months from the ship date of the Fabric from Automatic Pool Covers, Inc to the Pool Cover Dealer or Distributor. Automatic Pool Covers, Inc. reserves the right to replace or repair the Fabric Material and include return shipping costs from Automatic Pool Covers, Inc during the first three (3) years or thirty-six (36) months of operation if defects in the Fabric are due to excessive shrinkage or deterioration of the Fabric where the Fabric is unable to prevent a volume of pool water from penetrating up through the bottom of the Fabric and which results in an inoperable Cover System.

Automatic Pool Covers, Inc. will replace or repair the Fabric Material in the fourth (4th) through fifth (5th) year, or thirty-seventh (37th) month through the sixtieth (60th) month of the Warranty Period, on a replacement cost basis including return shipping costs from Automatic Pool Covers, Inc. The material replacement cost will be reduced by one-sixtieth (1/60th) per month for each remaining month of warranty. The automatic or manual pool Cover System must have been installed and operated in accordance with the Manufacturer's Installation and Owner's Manual in order to qualify for a warranty claim.

FABRIC LIMITED WARRANTY CONDITIONS:

Vinyl, ropes and hybrid-webbing are treated as individual parts of the Fabric, while all are covered under the Limited Warranty they are each covered individually, not wholly.

- The Limited Warranty does not include any travel or labor costs for replacement or repair of warranted parts from Automatic Pool Covers, Inc. to the Pool Cover Dealer, Distributor or Pool Cover Owner.
- The Limited Warranty does not cover shipping costs to Automatic Pool Covers, Inc.
- The Limited Warranty does not cover incidental or consequential damages.
- The Limited Warranty is not valid if full payment has not been received by Automatic Pool Covers, Inc. in accordance with the original terms and conditions of sale prior to warranty claim.
- The Limited Warranty does not cover the following: Acts of God such as storm or flood, snow damage, operation of the Cover System with frozen water and/or in temperatures below forty (40) degrees Fahrenheit, inadequate pool water level, or due to user abuse, improper installation, improper chemical balance, normal fading of Fabric color, or failure to comply completely with the Manufacturer's Installation and Owner's Manual guidance.

All Limited Warranty Claims must be pre-authorized by Automatic Pool Covers, Inc. and components are required to be returned to Automatic Pool Covers, Inc. for warranty determination. If Fabric is replaced within the first 36 months, the replacement Fabric will carry the balance of the original warranty.



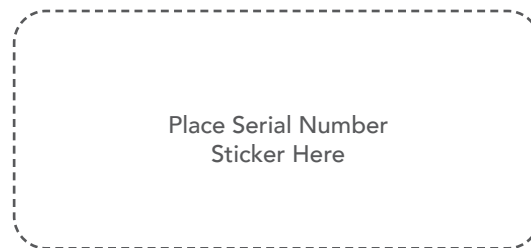
Automatic Pool Covers, Inc.

System Information, Notes & History

System Type ☐ THREE•SIXTY•FIVE™ ☐ AutoGuard™ ☐ Manual Guard ☐ Spa
Track Type ☐ Top Track ☐ Under Track ☐ Flush Mount
Controller Type ☐ PowerTouch™ Keypad ☐ Key Switch

System Serial Number _____

Date of Manufacture _____



Installer _____ Date Installed: _____

Service Company _____ Phone # _____

Service History/Notes

Contact Us

AutomaticPoolCovers.com / sales@apc-mfg.com / (800) 878-5789

Scan to Register
Your Cover

