## SECTIONS

<table>
<thead>
<tr>
<th>Section</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Topguide</td>
<td>3-6</td>
</tr>
<tr>
<td>Horizontal Flush Deck Guide (optional)</td>
<td>7-8</td>
</tr>
<tr>
<td>Roll-up Mechanism</td>
<td>9-12</td>
</tr>
<tr>
<td>Cover Fabric</td>
<td>13-18</td>
</tr>
<tr>
<td>Standard Aluminum Lid</td>
<td>19-20</td>
</tr>
<tr>
<td>Home Owner &amp; Builder Installation Checklists</td>
<td>21-22</td>
</tr>
<tr>
<td>System Parts Reference</td>
<td>23</td>
</tr>
</tbody>
</table>

### Tools Required

1. Hammer drill or rotary hammer
2. Masonry drill bit 1/4" x 6" (1/4" x 12" bit)
3. Extension cords
4. #2 and #3 Phillips & standard screw drivers
5. Rachet with 5/16" - 3/4" sockets
6. Hacksaw
7. String line
8. Utility knife
9. Broom
10. Hammer & rubber mallet
11. Pliers - standard, needle nose & channel lock
12. Files - round, triangular & flat
13. Matches or cigarette lighter
14. Carpenter's square
15. 5/16 hex head driver bit with 12" extension
16. Drill (cordless or corded)
17. Set of drill bits (1/4" down to 1/16")
18. Crescent wrench
19. 100 ft. tape & 25 ft. measure
20. Chalk line (use white chalk)
22. Chisel (wood & concrete)
23. Scissors
24. Wire strippers
25. Set of box/open end wrenches - 5/16" - 3/4"
26. 6" level
27. Set of allen wrenches
28. Wire
29. Electrical tape
30. Small sledge hammer
31. Vice grips
32. #2 #3 Phillips drill bits
33. Pencil or marker
34. 6 - 8 clamps

### Optional Power tools

- Skill saw with carbide tipped blade
- Sawzall, Grinder, Angle drill
<table>
<thead>
<tr>
<th>Step By Step Instructions</th>
<th>Page/Step</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laying out the cover guides</td>
<td>4/1</td>
</tr>
<tr>
<td>Checking for square</td>
<td>4/3</td>
</tr>
<tr>
<td>Splicing the guides together</td>
<td>4/4</td>
</tr>
<tr>
<td>Cutting the guides to length</td>
<td>5/9</td>
</tr>
<tr>
<td>Attaching the guides to the deck</td>
<td>5/12</td>
</tr>
</tbody>
</table>
Step By Step Instructions

Laying Out The Cover Guides
Lay the cover guides on the deck on both sides of the pool. In positioning the guides there needs to be at least 6” of clearance from the top of the finished deck to the bottom side of slides and hand rails for the wheel assemblies and leading edge to pass under without damaging the cover system.

Extend the guides a minimum of 18” past waterline. Center the pool shape between the pool guides where possible. Measure and mark the guide length. Measure and mark the guide width on the deck.

Checking For Square
Lengths, widths and diagonal dimensions must be equal to each other or the system will not operate properly.

Splicing The Guides Together
Before splicing the sections of guide together, file all guide ends thoroughly, rounding all edges and removing all burrs. This step is extremely important. The cover can be damaged very easily by metal burrs and this damage is not covered by the warranty.

Tap the splice pin (44) into one end of the guide and slide the center splice (43) into the center channel.

Join the guide sections together by hand.

Cutting The Guides To Length
With guides extended 18” min past the waterline at the opposite end of the pool, you should cut the guides so they will extend 1” into the cover housing.

At one end, use a rubber mallet to tap the guide sections together.

The guide splice should be tightly together.
Cut the guide to the proper length on both sides of the pool. Note: Always wear safety goggles when using powered equipment. Cut the guide at the mechanism end.

File the guide ends on both sides of the pool making sure to round all edges and remove all burrs. This step is extremely important. The cover can be damaged very easily by metal burrs and this damage is not covered by the warranty.

This step is extremely important. The cover can be damaged very easily by metal burrs and this damage is not covered by the warranty.

Move the guides to the side. Insert and tap the plastic anchors (39) flush to the deck.

Place the guides back over the drilled holes and tap the screws (32) down about half way. The screws will be fastened completely later in the installation.
# HORIZONTAL FLUSH DECK GUIDE

<table>
<thead>
<tr>
<th>Components &amp; Installation Guidelines</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>System components &amp; Installation guidelines</td>
<td>8</td>
</tr>
</tbody>
</table>
Flush Deck Guide Installation

System components
1. Guide consists of 3 parts, the guide housing, the guide, and the interlocking shim.
2. End pulley assembly is made from a small length of the guide and therefore appears to be a continuation of the guide on to the end of the housing. This can either be installed when the housing is installed or at the time the mechanism is installed.
3. Guide protector: This can either be 2” 10 mill plumbing tape or an optional guide protector (preferred method) that can be ordered from your Coverstar distributor (part no. X0668).

Installation Guidelines
1. The installed guides must start flush with the inside of the cover housing, which must be a minimum of 12 inches from the end of the pool and extend 18 inches beyond the other end of the pool. The guides must form a perfect rectangle. The guide lengths, the distance between the guides and the diagonals each must be equal.
2. The guides must be installed exactly at finished deck grade. It is strongly recommended that the deck be kept level from the pool to the guide housings. Start the slope outside of the guides. Note: the deck around the cover housing boxes should be flat for a minimum of 4” before starting any slope if a standard lid is to be used.
3. The housing must have the guide, a spacer (standard spacer or optional plastic protector) and top protection in place before pouring deck.
4. There are three main ways that the guides can be installed. In each case guide supports must be no further than 5’ apart.
   a. Mounted on top 2x4 stakes, which are left in the deck permanently. Attach housing to the stakes with self tapping screws or by drilling holes in the housing and using drywall or deck screws.
   b. Set into piles of concrete or gunite approximately every 4 feet. If this method is used, care must be taken to make sure that no cement is left higher than the bottom of the side of the channel. Otherwise it will have to be chipped down before the deck is poured.
   c. Staked in place using removable stakes or rebar. Rebar can either be short & left in place or long and pulled
   d. Stake in place using the recessed horizontal mount supports (Part# A1531).
5. Regardless of how the guides are installed, it is recommended that a string line be left in place until after the pour.
6. The standard installation is with straight guide, however, optional curved pieces of guide are available if flush deck lid is to be used. In this case, the deck is lowered 2” between the guides and the box is installed 2” lower.
7. It is recommended that a minimum width of 5 to 6 inches of concrete be poured on each side of the housing. Rebar or concrete wire under the housing will help eliminate the concrete cracking and separating from the housing.
8. It is recommended that you put a strike joint off the end of your guide to control the shrinkage crack.
9. To avoid concrete flaking when the protector is removed, go down each side with a 1/8-radius edger. For proper cover operation, concrete must be as close to the top of the housing as is possible
10. Some builders find that it is easier to keep the guides clean if they install Deck-O-Drain channel between the end of the housing and the end of the deck. However, this is optional.

(1) Guide protected by plastic cover. Note: Spacer removed to install guide protector
(3) Guide protected by 2” 10 mil plumbers tape

(4.a.) Guide staked in place, ready for pour
(4.b.) Housing in place mounted on gunite piles ready for deck pour.

(6) OPTION: Recessed horizontal guide sloped into the box. Purchase set of curved guides for housing end of guide. Bend begins 15” in front of housing. Make sure top of guide is minimum of 1” lower than bottom of lid.
## MECHANISM

<table>
<thead>
<tr>
<th>Step By Step Instructions</th>
<th>Page/Step</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing preparation</td>
<td>10/1</td>
</tr>
<tr>
<td>Adjusting the mechanism height</td>
<td>10/2</td>
</tr>
<tr>
<td>Adding the mechanism feet</td>
<td>10/3</td>
</tr>
<tr>
<td>Attaching the roll-up tube</td>
<td>10/6</td>
</tr>
<tr>
<td>Positioning the roll-up tube/mechanism</td>
<td>10/9</td>
</tr>
<tr>
<td>Extending the Pulley brackets</td>
<td>11/13</td>
</tr>
<tr>
<td>Anchoring the pulley brackets</td>
<td>11/16</td>
</tr>
<tr>
<td>Anchoring the roll-up tube/mechanism</td>
<td>12/19</td>
</tr>
<tr>
<td>Wiring the electrical switch</td>
<td>12/21</td>
</tr>
</tbody>
</table>

(4.b.) Housing in place mounted on gunite piles ready for deck pour.
Step By Step Instructions

Housing Preparation
Clean out the housing. Check for nails or other objects that could damage the cover. **This step is extremely important.**

Adjusting Mechanism Height
Measure from the bottom of the housing to the center of the guide or encapsulation. This is the installed height of the mechanism. Use this measurement to determine which holes to use when adding the mechanism feet in the next step.

Adding The Mechanism Feet
Roll the mechanism onto its top or side. Hold the feet in position and measure from the top of the mechanism to the foot. **Note:** Set the height so the roll-up tube is as high as possible in the housing without rubbing on the lid brackets.

Connecting the Roll-up Tube
Install the cone for the non-motor end to the roll-up tube using four 3/8” x 1 1/4” bolts (48) and lock washers (42) provided. Tighten the bolts with a 9/16” socket wrench. Slide the cone assembly onto the non-motor end bracket.

Connecting the Roll-up Tube
Secure the cone onto the roll-up tube on motor-end using four 3/8” x 1 1/4” bolts (48) and lock washers (42) and tighten.

Positioning the Mechanism
With the mechanism and tube assembled and set in place in the housing, check the roll-up tube for level. Adjust the height of the non-motor end if needed to level the roll-up tube. **This is crucial for a properly operating cover.**
Position the mechanism in the housing so that the roll-up tube is centered between the guides and centered in the housing front to back.

Align the mechanism on the motor side first by using a straight edge or a piece of rope and extending it from the back channel of the cover guide to the pulley #1 to make sure the rope is running straight into the pulley at a 90 degree angle.

Go to the non-motor end and make sure the rope will come straight back from the back channel of the guide to the pulley. If the ropes do not come straight back, the mechanism should be moved to balance the rope angle on both sides. Only a 1/2” variance from straight is allowed on either side.

**Extending The Pulley Brackets**

Extend the pulley brackets. Loosen the nuts on the pulley brackets and spread the brackets outward against the walls of the housing.

*Note:* Do the following steps on Motor and Non-motor end (motor end shown).

Raise the pulley bracket up so that the top of the bracket is even with the top of the housing.

With the brackets in position, level the mechanism and center it in the housing from front to back. Tighten the four nuts on the adjustable brackets.

**Anchoring The Pulley Brackets**

Anchor the brackets in to the housing in as many places as possible using the 1 1/2” hex head screws (49) and anchors (39).

*Note:* Do the following steps on Motor and Non-motor end (non-motor end shown).

Loosen the two nuts and spread the brackets wide to attach to the side of the housing.

Raise the pulley bracket so it is level with the top of the cover housing. Center the non-motor side front to back in the housing. Anchor the bracket in as many points as possible, using the 1 1/2” hex head screws (49) and anchors (39).
Anchoring The Tube/Mechanism
Anchor the mounting feet on both the motor and non-motor ends into the housing using as many anchor points as possible.

On the motor and non-motor side, use a 3/16" bit and drill through the holes on the cross braces. Use the half inch screws (34) and nylock nuts (36) provided and bolt the cross braces together in two places on each cross bracket.

Connect the ground wires from the power supply and the motor together using a wire nut. Run a pig tail from this wire nut to the grounding lug on the switch.

Insert the hot wire from the power supply into terminal L1 on the back of the switch and tighten the screw. Do not loosen the screws too much or the internal switch connections will be permanently lost.

Attach the other leg from the indicator light and the blue directional wire into terminal A1, and tighten the screw.

Insert the red directional wire into terminal B1, and tighten the screw. Note: Reverse directional wires if the cover runs opposite to the direction indicated on the switch.

Electrical Wiring & Bonding
The system must be bonded to meet the National Electrical Code. Bond both guides to the mechanism by attaching a bonding lug to the guidefeed screw and running a #8 solid copper bond wire to the mechanism. Bond the lid to the mechanism by drilling a hole in the lid at either end of the lid and attaching a bonding lug in each position and bonding it to the mechanism. All brackets and any other metal over 4" long should likewise be bonded to the mechanism. There should be a bond wire from the equipment pad inside the housing. Attach this bond wire to the mechanism to complete the bonding requirement. Note: Builder is responsible to bring proper electrical lines, conduit and bonding to the mechanism. Electrical wiring diagram and details are shown above with instructions on the right.

Ground Fault Circuit Interrupter
A GFCI must be used in the electrical supply line for the motor. This should be on a separate dedicated circuit only for the pool cover.

Running Wires
Bring 110 V to the key switch. From the panel to the key switch, run 3 wires hot, neutral & unbroken ground. From the key switch to the motor end of the housing, run 4 wires: 2 directional, a neutral and an unbroken ground. Terminate the wires in a weather tight "J" box. The motor is 110 V, 3/4 HP with full load amperage of 8.8 amps. Follow all applicable codes regarding wire size, grounding, connections, etc.

Key Switches
Mount a single-gang, all-weather junction box for the key switch at a point where 100% of the pool is visible. This is a mandatory requirement to meet ASTM safety standards. The key switch should not be placed in the mechanism box. This does not meet UL code.

Options
Covestar has several different wiring options that include limit switches, wireless remote control, water feature shut-offs, etc. See your Covestar distributor for details.
COVER FABRIC

**Step by Step Instructions**

<table>
<thead>
<tr>
<th>Step Description</th>
<th>Page/Step</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening the cover package</td>
<td>14/1</td>
</tr>
<tr>
<td>Rolling out the cover</td>
<td>14/2</td>
</tr>
<tr>
<td>Running ropes through the guides</td>
<td>14/4</td>
</tr>
<tr>
<td>Routing the ropes</td>
<td>15/10</td>
</tr>
<tr>
<td>Attaching the cover leading edge</td>
<td>16/15</td>
</tr>
<tr>
<td>Attaching the ropes to the reels</td>
<td>17/26</td>
</tr>
<tr>
<td>Running the cover over the pool</td>
<td>17/30</td>
</tr>
<tr>
<td>Attaching the cover and bonding wire</td>
<td>17/31</td>
</tr>
<tr>
<td>Adjusting the torque limiter</td>
<td>18/34</td>
</tr>
<tr>
<td>Adjusting the brakes</td>
<td>18/36</td>
</tr>
</tbody>
</table>
Opening The Cover
Open the cover wrap using scissors. NEVER USE A UTILITY KNIFE! It could easily damage the cover inside. This kind of damage is not covered under the fabric warranty.

Rolling Out The Cover
Standing behind the housing looking over the pool, un-roll the cover from left to right. Unwrap the ropes and run them through the guides.

Running Ropes Through The Guides
The preferred method of running the rope is to pierce the rope with a 1’ length of wire and use it as a handle to feed the rope through the guide. Hold the wire with some pliers and pull the rope down the length of the guide toward the end of the pool. Feed the rope through the pulley assembly (26) and place the pulley housing onto the end of the guide.

Feed the rope into the back channel then pull the rope down the back side of the guide toward the cover housing. Pull all excess rope through the cover guide. Complete the fastening of all guide screws flush to the top of the guide and fasten the pulley screw on both sides of the pool. Clean concrete dust from guides and pulley endcap. Make sure ALL screws are flush with guides.
Routing the Ropes
On the motor end, extend the rope from the back channel of the guide around pulleys #1 and #2. Continue pulling the rope to the front side of the mechanism. Run the rope around pulley #4 with the rope coming off the bottom of the pulley. Pull the rope until the end with the tab is ready to slide in the guide.

On the non-motor end, run the rope from the back channel of the guide and around the pulley.

Pull the rope along the back of the housing to the motor end.

Run the non-motor end rope behind the motor end rope as it passes behind the pulleys #1 and #2. Bring the rope out along side pulley #3. Continue pulling this rope across to pulley #5, with the rope coming off the bottom of the pulley. Pull all excess rope through and lay it on the deck.

Attaching The Cover Leading Edge
Lay the front of the cover in front of the housing. Slide the leading edge through the loop on the front of the cover.

Attach the rope tab to the wheel assembly using the three stud backing plate and nuts that is supplied with the wheel assembly.

Place the nylon leading edge inserts into the ends of the leading edge tube. Make sure they can slide freely inside the leading edge tube.

Attach the fabric to the wheel assembly with the two stud backing plate and nuts.

Note: On standard Topguide systems this backing plate comes attached to the cover.
Step By Step Instructions

Position the fabric on the leading edge so it is in line with the leading edge support bracket. Secure with a tek screw (40) on the back side of the leading edge. Be sure the screw does not interfere with the leading edge insert.

Feed the wheel assembly and cover into the guide. The slider on the front of the wheel assembly will lock into the guide.

Place a guide feed (23) over the end of the guide. Use a 3/16” drill bit to drill through the guide feed. Feed the wheel assembly and cover into the guide.

Place a bonding wire lug (31) on top of the guide feed and secure with a 10-32 1 3/8” screw (46) and nylock nut (36).

Run the #8 copper bond wire (29) from the lugs on the guide feed to the lugs on each end of the mechanism.

Connect the bonding wire that is attached to the front corner of the cover to the leading edge bar using a tek screw (40). Be sure the screw doesn’t interfere with the leading edge insert.

Pull both ropes until the leading edge just moves on each side, cut the longer rope to the same length as the shorter rope while tight. These ropes should be at least 8ft long. Use a lighter or torch to burn the ends of the rope. In most cases you will only need to cut one rope.

Numbers in parenthesis refer to hardware on page 23.

Attaching The Ropes To The Reels
Pull the cover back until the cover is in the guides equally on both sides. Pull the ropes tight as they come off the pulleys on the mechanism to eliminate the slack in the rope. **Note: Cut the ropes only when the cover is open completely.**
Adjusting The Brakes

There is a brake at the motor and non-motor end of the mechanism. The brakes are preset at the factory and should work properly. If they do not, they should be tightened enough to prevent the rope from spooling off the reel as the cover is opening.

Attach the ropes to the rope reel by placing a #10 x 1/2" screw (38) through the rope and into the holes in the rope reel.

While holding the ropes over the mechanism, run the key switch in the cover position. The excess rope will be wrapped around the rope reel.

Running The Cover Over The Pool

Run the cover over the pool being careful to prevent it from binding in the guide feeds by lifting the cover and helping it into each guide the first time.

Attaching The Cover & Bonding Wire

At the motor end, attach the tail of the cover and the bonding wire to the roll-up tube using tek screws (40). Make sure the webbing continues straight as it travels from the guide to the roll-up tube. Attach the cover and bonding wire to the roll-up tube on the non-motor end in the same manner. Webbing should roll up completely off the tube.

The first two screws need to be 3" from the end of the tube. Distribute the slack of the cover evenly across the length of the tube. Secure the cover to the roll-up tube using tek screws (40) every 2-3ft. When attaching the cover to the tube, do not use folds or pleats.

Install a guide stop (47) on the end of the guide on each guide to keep the cover from retracting too far. Run the key switch in the uncover position to roll the cover up on the roll-up tube. Check the cover to be sure it rolls up evenly. The cover fabric installation is now complete.

Adjusting The Torque Limiter

The automatic cover system is equipped with a torque limiter that helps prevent damage to the mechanism. Only if the motorized mechanism does not extend or retract the cover will you need to adjust the torque limiter.

To adjust the torque limiter, use two 1/2" wrenches to tighten one nut and bolt 1/2 turn. Rotate torque limiter 180 degrees. Tighten the other bolt 1/2 turn.

Adjusting The Brakes

There is a brake at the motor and non-motor end of the mechanism. The brakes are preset at the factory and should work properly. If they do not, they should be tightened enough to prevent the rope from spooling off the reel as the cover is opening.
Step By Step Instructions

**Rope Reel Brake**
If you need to adjust the rope reel brake, use two 7/16” wrenches or sockets to adjust the tension off the rope reel.

**Non-motor End Brake**
The non-motor brake should be tight enough to prevent the cover from rolling off the tube faster than it is being pulled into the guide. To adjust this brake, use two 7/16” wrenches and tightening or loosening the thru bolts in the brake block.
### STANDARD ALUMINUM LID

<table>
<thead>
<tr>
<th>Step By Step Instructions</th>
<th>Page/Step</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installing the lid brackets</td>
<td>16/1</td>
</tr>
<tr>
<td>Assembling the aluminum lid</td>
<td>16/4</td>
</tr>
<tr>
<td>Attaching the lid to the deck</td>
<td>16/7</td>
</tr>
</tbody>
</table>
Installing The Lid Brackets
Hold the bracket against the back wall of the housing so it is flush with the top of the deck and mark the hole positions. Use a ¼" masonry bit and drill through the holes in the bracket into the back of the housing. Be sure to drill the holes at least 3" deep.

Remove the bracket and insert plastic anchors (39) in each of the holes. Tap the anchors with a hammer so they are in the hole completely.

Secure the brackets to the back wall of the housing using #12 x 1½ "hex head sheet metal screws (49). Mount a rope loop on one top screw of each of the brackets. This will keep the rope running straight along the back of the housing.

Assembling The Aluminum Lid
Assemble the lid by sliding the hinge onto the main section of lid.

Slide the plastic wedges onto the main lid on either side. Tap into place with a rubber mallet.

Slide the motor and non motor lid ends onto the hinge.

Attaching The Lid To The Deck
Position the lid over the top of the housing. The motor end and non-motor ends should extend past the cover housing 1-2". If they extend more and do not lay flat on the deck, it may be necessary to cut the lids. Drill through the lid hinge along the back edge every 2'-3' using a 1/4" drill bit. Then, drill through these holes and into the concrete deck using a 1/4" masonry bit. Clean concrete dust from hinge.

Insert plastic anchors (39) into the holes and tap with a hammer so they are flush with the deck. Fasten the lid to the deck with #12 pan head sheet metal screws (33). File any sharp edges.

Measure across the hinge to evenly space the screws. Continue drilling and anchoring the hinge in this manner until the entire lid is attached to the deck. If any part of the lid is sticking up, it must be screwed down to the deck. The safety pool cover installation is now complete. Now instruct the home owner using the home owners guide and the checklist on the next page.
HOME OWNER CHECKLIST

After the cover system is installed, it is critically important to instruct the home owner on how to operate the cover system safely and do routine maintenance. Use the following check list and the Swimwise Use & Care Guide as your primary instruction source.

Use & Care Guide Page

☐ How to use the cover pump .................................................4
☐ How to uncover and cover the pool ...............................6-7
☐ Warn about standing water on the cover .......................4
☐ Who is authorized to operate the cover system ............6
☐ Pool chemicals and cover life ...........................................8
☐ Proper maintenance and care of the cover system ... 8-9
☐ Inform the customer on pool safety .........................Back cover
Installation Checklist

Guides
- All guide ends filed. This is extremely important
- Cover goes through the guide joints smoothly.
- All guide screws are tight and flush.
- Pulleys are flush against the end of the guide.
- The guidefeeds are snug against the guide
- Guidefeeds bolted in and are tight.
- Stops installed.
- Alignment pins and splices used when joining the guides, even in encapsulation.

Mechanism
- Mechanism installed level in the box.
- Tube level in housing.
- Tube centered between the guides.
- Enough clearance top, bottom, sides for the fabric. No rubbing of webbing on sides or bottom of box.
- Tube at the right height? The ideal location is to install the cover in the box so that the cover is coming off at as small an angle as possible. This reduces stress on the mechanism and reduces wear on cover guides at the end of the track.
- Tube either centered in the box or positioned slightly more towards the back of the box, so that the cover is unlikely to rub on the front of the box.
- System mounted at right angle to the track.
- Ropes coming back straight out of the track. An excessive angle will cause wear on the cover guides at the end of the track.
- Ropes are not rubbing on any brackets or the deck.
- Ropes are run correctly (see page 15, steps 11-18).
- 8 feet of rope left on rope reel.
- System bonded according to electrical code. Cover bonded to leading edge and roll-up tube.
- Torque limiter adjusted for the pool (see page 18, steps 37-40). If mechanism is hydraulic, are both bypass valves set slightly higher than necessary to run the cover?
- Rope loops installed on each lid bracket so rope cannot droop and snag on cover or lid brackets (see page 20, step 3)
- Make sure the system is electrically bonded to meet the National Electrical Code.

Cover
- Fabric pinned to the take-up tube without pinned folds.
- Cover is bolted to the wheel assembly.
- Cover runs smoothly.
- Cover properly aligned when it closes or retracts. Note: An inch or two out of square is not uncommon and is not a concern as it will not effect the operation of the cover. Because of the size of the fabric roll, and changes in operating conditions the cover may vary slightly in alignment as it is run.
- The leading edge inserts move in and out freely the whole length of the pool.
- Fabric is pinned to the leading edge flush with the ends of the tube.
- Cover not rubbing in the housing as it rolls up.

Cover Lid
- All sharp edges have been filed
- All areas where the lid is not flat on the deck been screwed down to eliminate any potential hazards
- There is enough clearance between the lid brackets and the cover to avoid rubbing

Misc.
- Key switch is in full view of the pool
- Cover pump tested by putting it in the water and operate it in front of homeowner
- The cover box is clean and clear of debris so that the drains are not easily clogged
- Pool area cleaned up
- Homeowner has been instructed (see page 21)
System Parts Reference

Parts List

1. A0610 Motor & housing, standard 3 wire Bison motor
2. A0327 Mechanism RT or UG (Right)
3. A0326 Mechanism RT or UG (Left)
4. A0020 Non-motor end cone assembly
5. A0797 Tube insert for 6" tube
6. X0001 6" aluminum roll-up tube
7. A2359 Non-motor end assembly RT/UG (Right)
8. A2358 Non-motor end assembly RT/UG (Left)
9. A0605 Key switch - Leviton assembly complete w/ light
10. A1565 Wheel Assembly (standard topguide)
11. X0021 Aluminum leading edge
12. A0031 Lid wedge
13. X0659 Non-motor end lid
14. X0943 8" lid hinge
15. A1698 14" cover lid bracket (Set of 2)
16. A1694 12" cover lid bracket (Set of 2)
17. A0338 Rule cover pump & instructions
18. A1071 Guide feed for standard topguide
19. A1061 Guide feed for Horizontal Flush Deck Guide
20. A2198 Wheel Assembly (horiz. flush topguide)
21. A0886 Pulley End (standard topguide)
22. A0241 Pulley End (recessed horizontal flush guide)
24. A0310 Non-motor end assembly complete w/ light
25. M3962 Guide splice RHG
26. E1086 Bonding lug ka-6u (for 1 wire)
27. H0331 Screw PPMS 10-32 x 1-1/2 w/slot
28. M3962 Guide splice RHG
29. E1086 Bonding lug ka-6u (for 1 wire)
30. H0331 Screw PPMS 10-32 x 1-1/2 w/slot
31. E1086 Bonding lug ka-6u (for 1 wire)
32. H0331 Screw PPMS 10-32 x 1-1/2 w/slot
33. E1086 Bonding lug ka-6u (for 1 wire)
34. H0331 Screw PPMS 10-32 x 1-1/2 w/slot
35. E1086 Bonding lug ka-6u (for 1 wire)
36. H0331 Screw PPMS 10-32 x 1-1/2 w/slot
37. E1086 Bonding lug ka-6u (for 1 wire)
38. H0331 Screw PPMS 10-32 x 1-1/2 w/slot
39. E1086 Bonding lug ka-6u (for 1 wire)
40. H0331 Screw PPMS 10-32 x 1-1/2 w/slot
41. E1086 Bonding lug ka-6u (for 1 wire)
42. H0331 Screw PPMS 10-32 x 1-1/2 w/slot
43. E1086 Bonding lug ka-6u (for 1 wire)
44. H0331 Screw PPMS 10-32 x 1-1/2 w/slot
45. E1086 Bonding lug ka-6u (for 1 wire)
46. H0331 Screw PPMS 10-32 x 1-1/2 w/slot
47. E1086 Bonding lug ka-6u (for 1 wire)
48. H0331 Screw PPMS 10-32 x 1-1/2 w/slot
49. E1086 Bonding lug ka-6u (for 1 wire)

The parts list at above is typical for most pools up to 20' x 40' and includes all parts necessary to install the Coverluxe system, however, parts will vary for longer or wider pools and according to your specific order.

23
QUESTIONS?

For questions about this installation guide, contact your independent distributor.