



# COVER POOLS®

## General Information

### for Installing an Automatic Pool Cover (Save-T® 3 or Autosave™ Spa Cover)

This is a general guide on factors to consider for the installation of a Save-T 3 automatic cover system or Autosave spa cover.

Detailed installation instructions are available.

## WARNING

**FOR YOUR SAFETY**—This product must be installed and serviced by a contractor who is licensed and qualified in pool equipment by the jurisdiction in which the product will be installed where such state or local requirements exists. In the event no such state or local requirement exists, the installer or maintainer must be a professional with sufficient experience in pool equipment installation and maintenance so that all of the instructions in this manual can be followed exactly. Before installing this product, read and follow all warning notices and instructions that accompany this product. Failure to follow warning notices and instructions may result in property damage, personal injury, or loss of life. Improper installation and/or operation will void the warranty.

#### Cover-Pools Incorporated

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# NOTES

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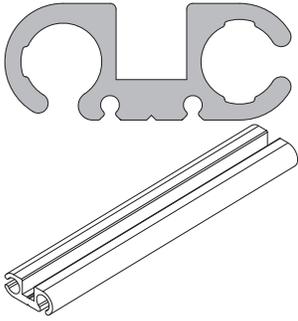
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# TRACK OPTIONS

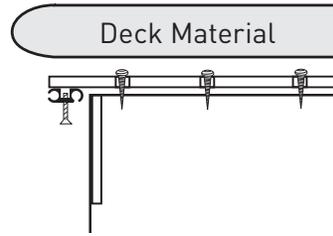
1 Based on the pool design, choose the appropriate track style and any options.

actual size



### Underside™ Track

- Mounted under deck coping
- Anodized aluminum
- Easier installation and replacement of rope

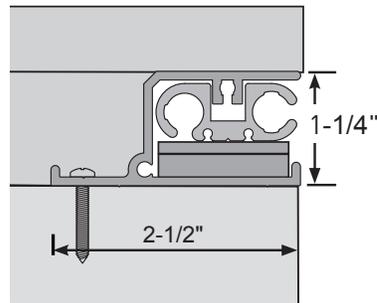


### Deck Straps

- For porous coping, brick, flagstone, and materials less than 2" thick
- Mounted every 2' of track
- For deck-on-deck pools

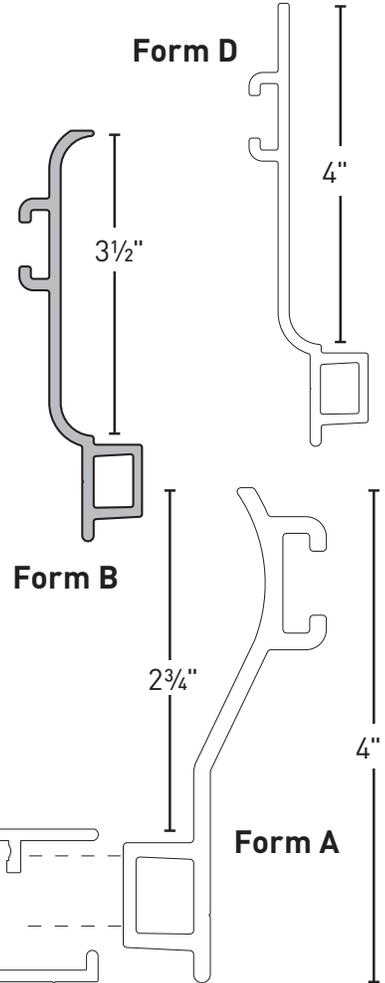
### Track Channel

- For concrete and fiberglass pools
- Raised-wall applications
- Track channel allows for custom cantilever profiles
- Foam or wood forms can be incorporated for deck profiles



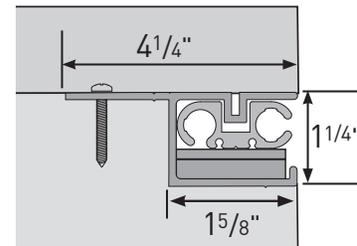
### Reusable Coping Form

- For concrete, fiberglass and vinyl-liner pools
- Eliminates the need for foam or wood forms
- Extruded aluminum



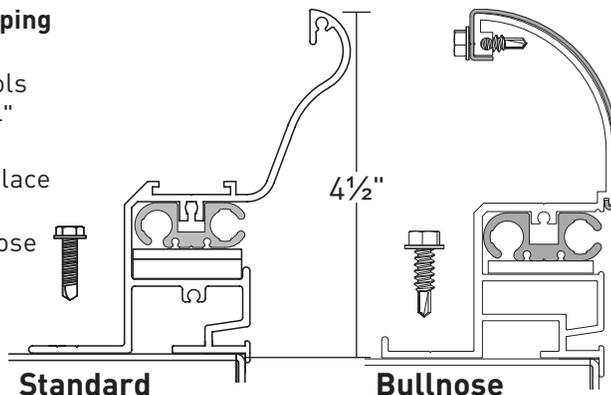
### Track Channel Inverted Mount

- For any deck surface, such as flagstone, slate or tile, that does not meet basic undertrack mounting conditions (surfaces less than 2" thick or softer materials)



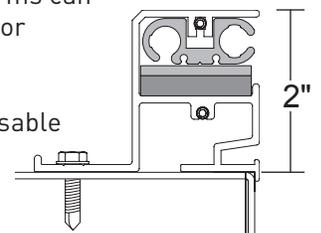
### Vinyl-Liner Pool Coping Undertrack System

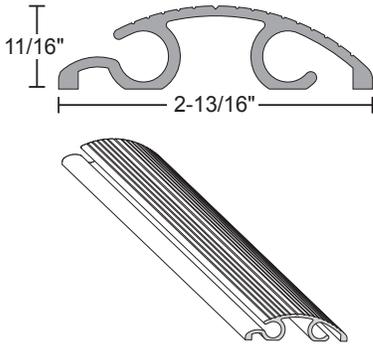
- For vinyl-liner pools
- 90°, 45°, 6" and 24" corners available
- Tracks locked in place by shims
- Standard or bullnose coping options



### Vinyl-Liner Pool Track Channel

- Track channel allows for custom cantilever profiles
- Foam or wood forms can be incorporated for deck profiles
- Can be used with Cover-Pools Reusable Coping Form





### Universal Deck-Mounted Track

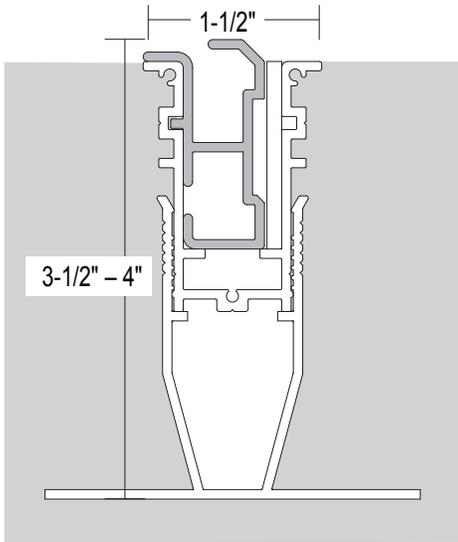
- For existing decks
- Low profile
- Installed on surface of the deck
- Anodized aluminum



### SnapTop™ Track

- For existing decks
- Low profile
- Installed on the deck surface
- Anodized aluminum
- Uses gliders or wheels
- Screws are concealed
- Standard Universal track also available
- Smaller Slim™ track available for Step-Saver™ systems

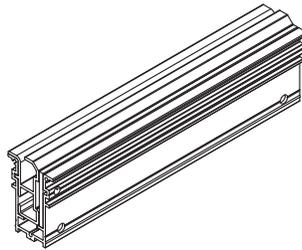
Universal track for spas and Step-Saver



### Flush Track - NEW

- For new or existing pools
- Installed flush with deck
- Vinyl-liner, fiberglass or concrete pools
- Anodized aluminum

Recommended for Indoor use only

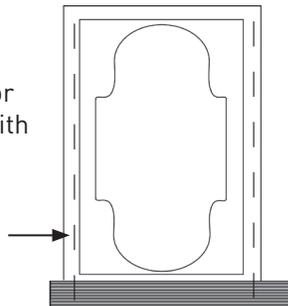


## Special Construction Applications

### Deck-on-Deck Pools

Create a rectangular frame around the free-form pool for an undertrack installation with track channel.

track channel or deck straps

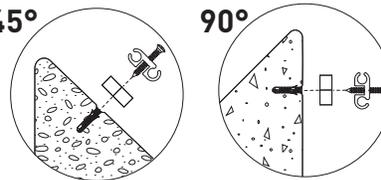


### Vanishing-Edge Pools

Create a 45° or 90° vanishing edge

45°

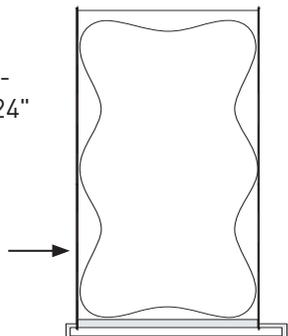
90°



### Extreme Cantilever

Create a freeform pool by extending the cantilever up to 24" beyond the channel or track.

track channel or deck straps



### Perimeter Overflow

Create a pool for which water height appears even with the deck. A narrow channel collects the overflow water and allows for the glider arms.

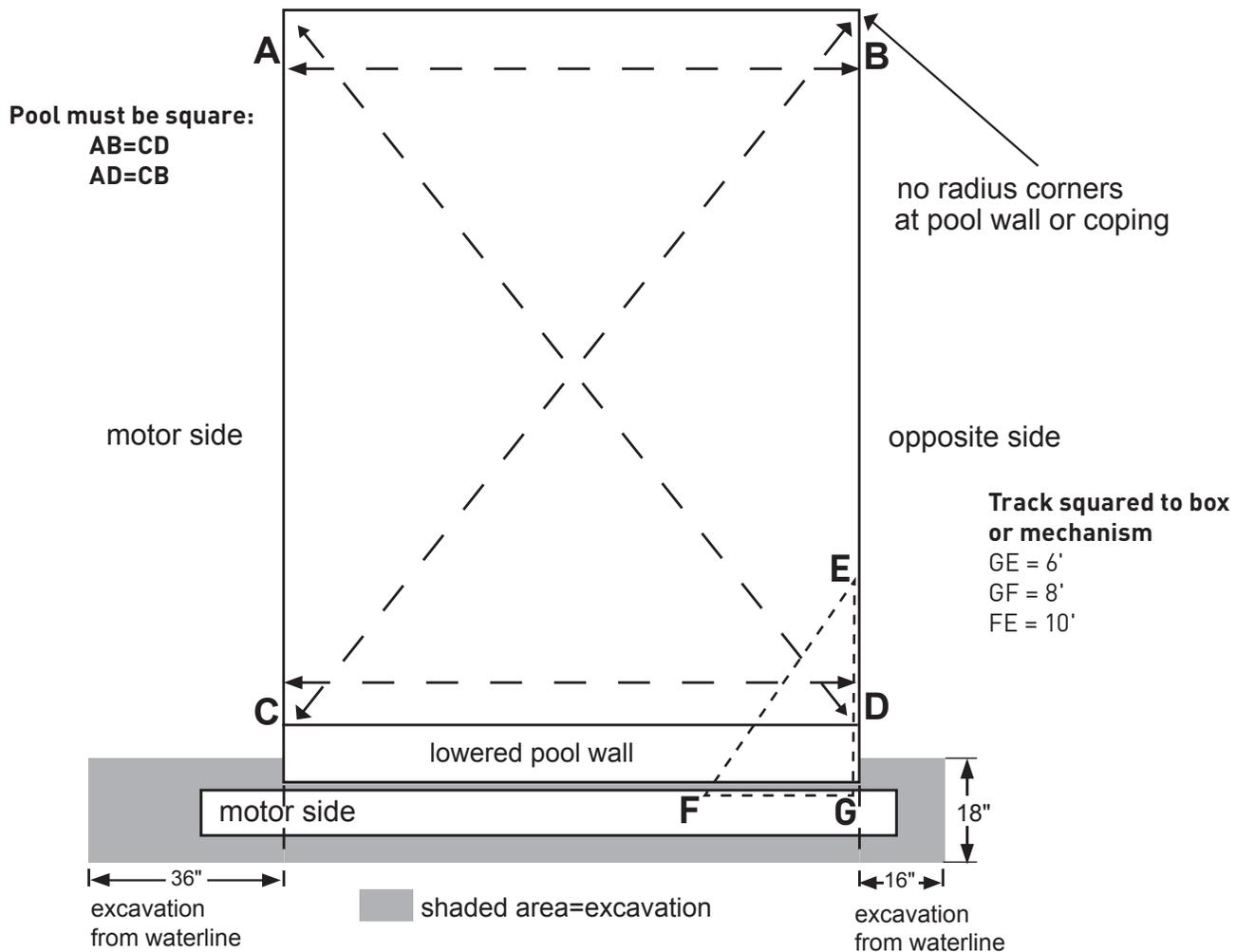
**All exposed aluminum extrusions can be painted to match deck color.**

# EXCAVATION AND PLUMBING

2 Consider any special requirements for excavation and plumbing.

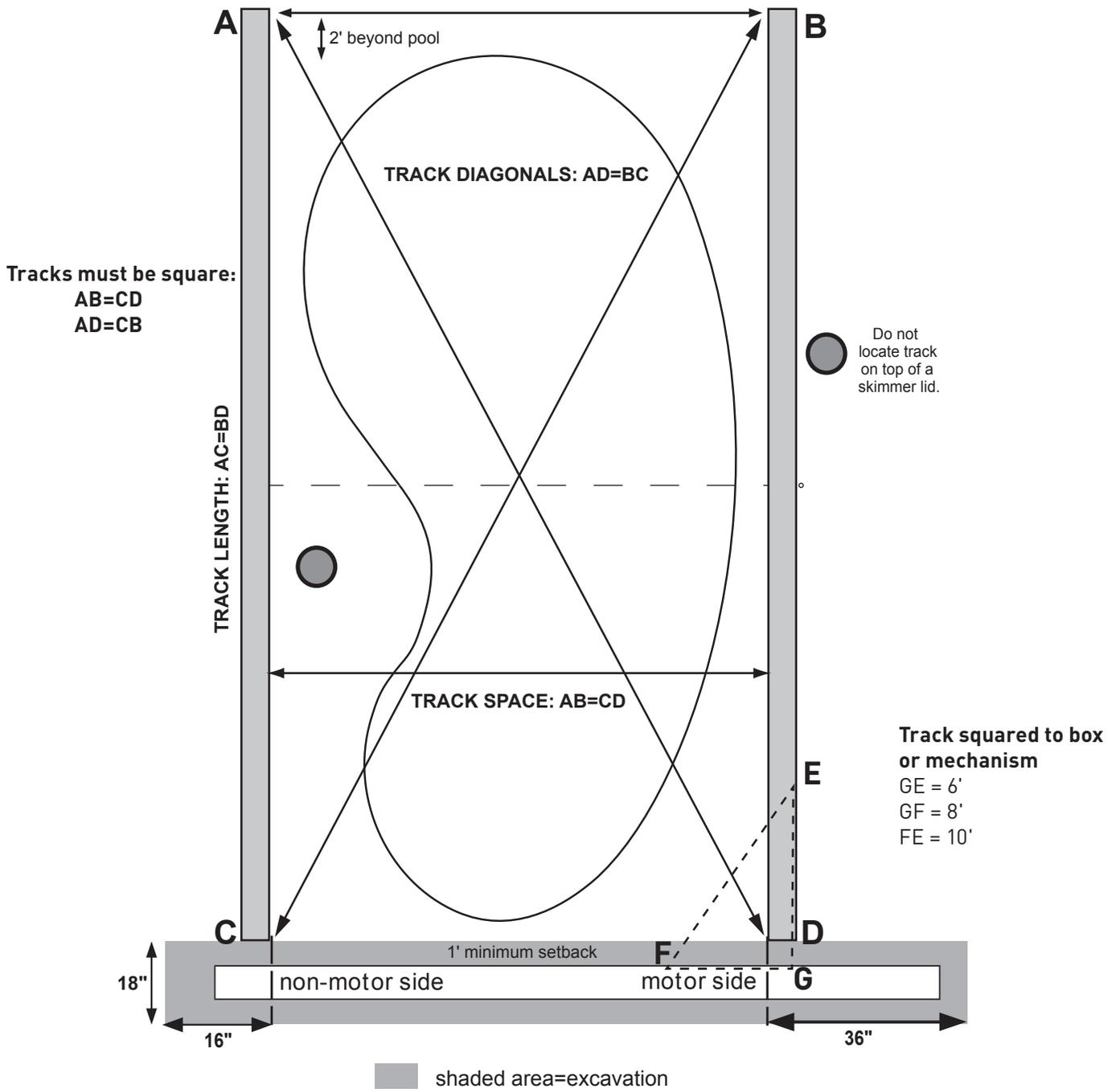
## Recessed Mechanism—Underside™ Track or Track Channel

1. The tracks (and rectangular pools) must be a true rectangle. The tracks must be perpendicular to the unit mechanism and recessed housing (90°).
2. Over-dig the recessed cover box end of the pool 18" beyond the forms. Do not install plumbing within 14" of the deck in the housing area.
3. The motor can be on either end of the cover box.
4. Do not locate skimmers in the lowered pool wall.
5. All corners must be square (no radius) on the finished tile line or the coping.
6. Place 3" drain in floor or wall of recessed housing.



### Recessed Mechanism—Universal, SnapTop™, or Flush Track

The requirements of a recessed mechanism with a deck-mounted track are the same as the undertrack on the previous page. Universal track may be mounted at the pool edge. Flush track must be set back 6" from the pool edge.



# ELECTRICAL

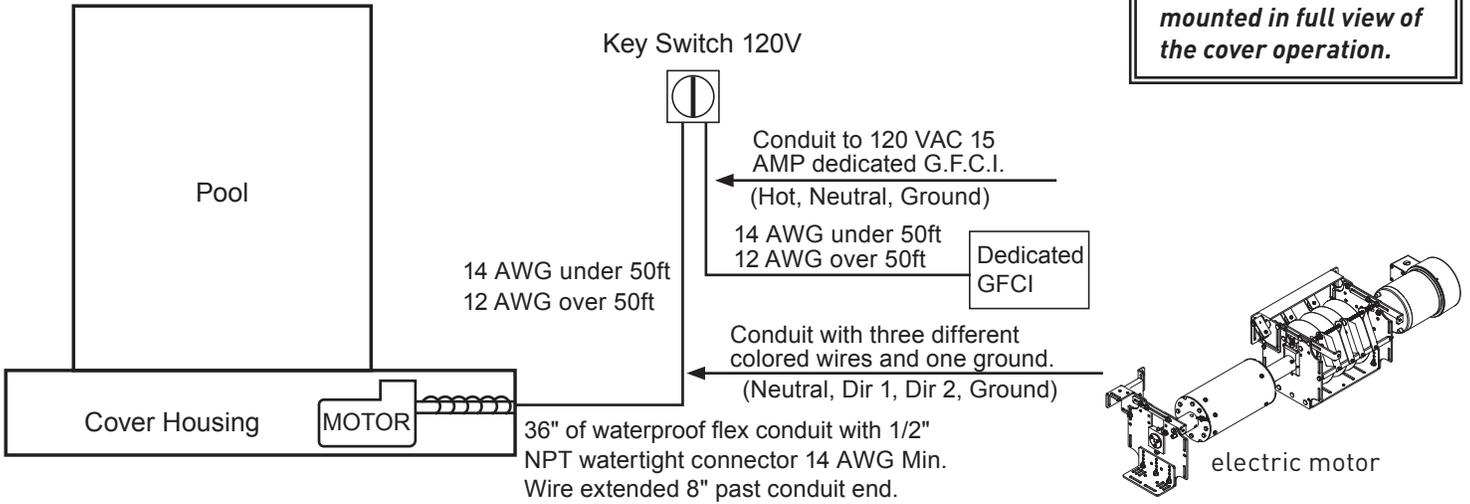
3

Choose electric or hydraulic power and controlling devices.

**WARNING!** These are minimum recommendations only. All local and federal codes of standard safe practices must be followed. Refer to the prewiring instructions for detailed instructions and additional mounting options.

## Electric Motor w/ Keyswitch (Standard Equipment)

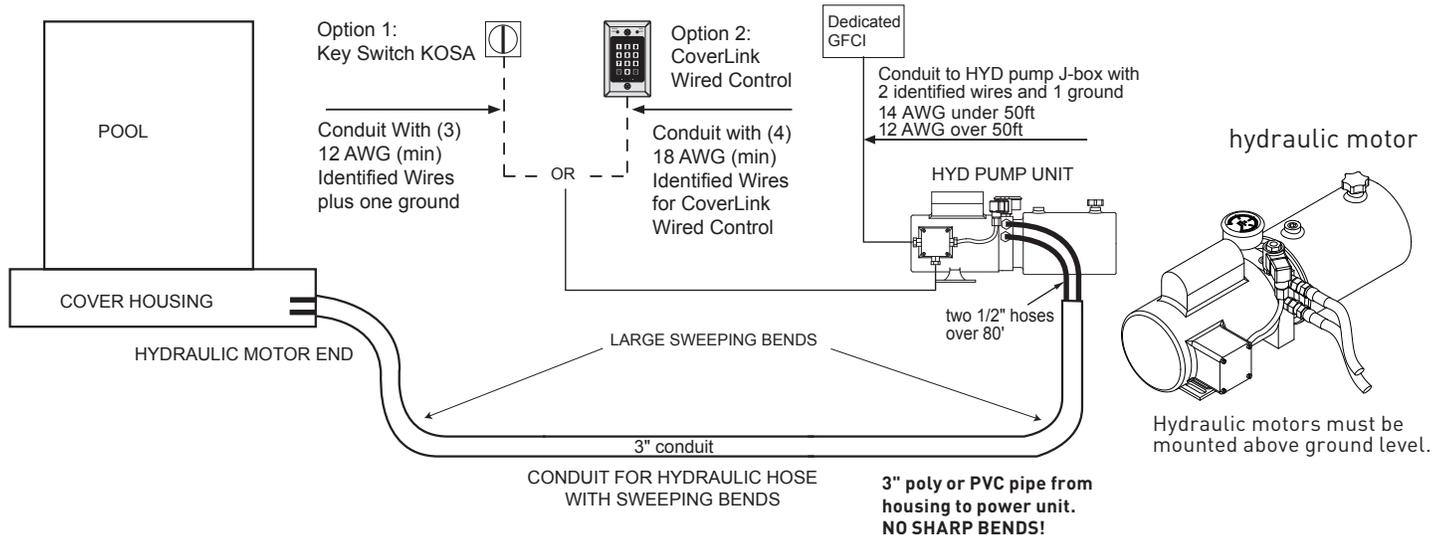
3/4 hp Motor with Slip Clutch



## Hydraulic Power System

(Optional)

**All switches/control pads must be mounted in full view of the cover operation.**

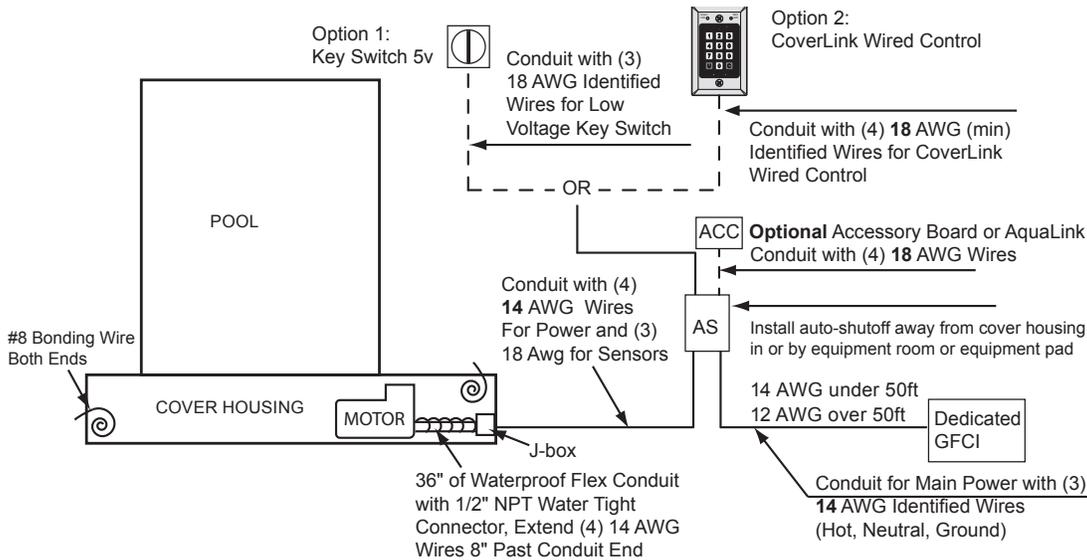


## Auto-Shutoff with Optional Accessory Board/AquaLink®

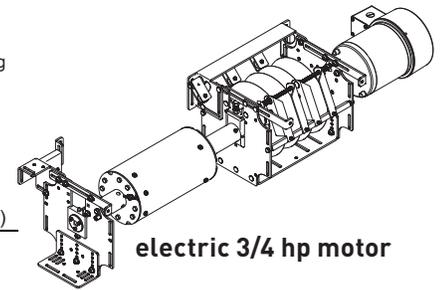
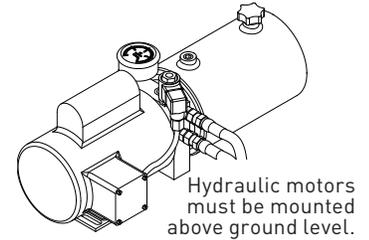
¾ hp Motor or Hydraulic Motor

**All switches/control pads must be mounted in full view of the cover operation.**

### Option 1: Auto-shutoff mounted outside housing.



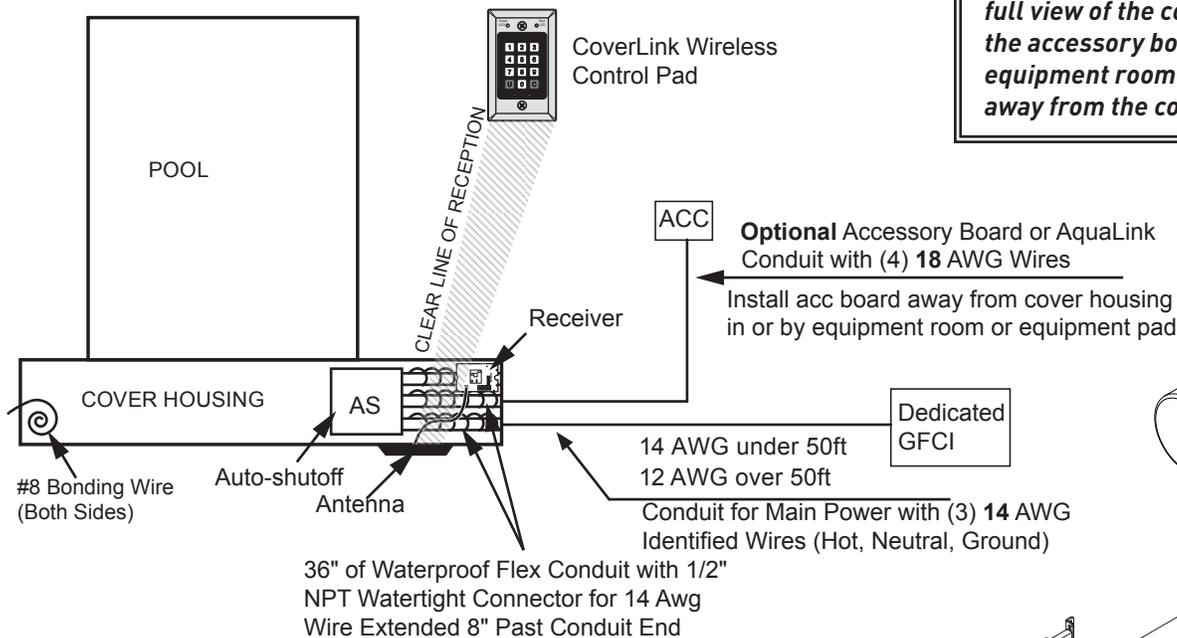
### Hydraulic 1-1/2 hp motor



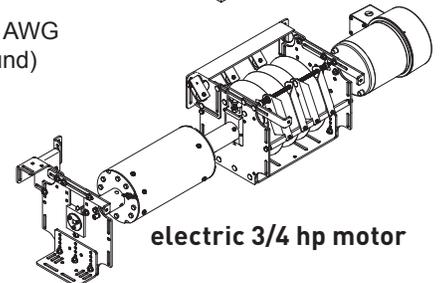
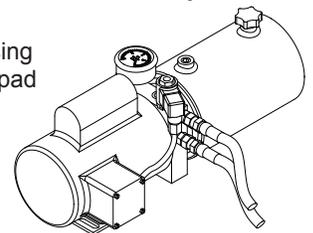
## Auto-Shutoff with Accessory Board/ AquaLink® and Wireless

(Optional) -- ¾ hp Motor or Hydraulic Motor

**All control pads must be mounted in full view of the cover operation. Install the accessory board in or by the equipment room or equipment pad, away from the cover housing.**



Hydraulic motors must be mounted above ground level.

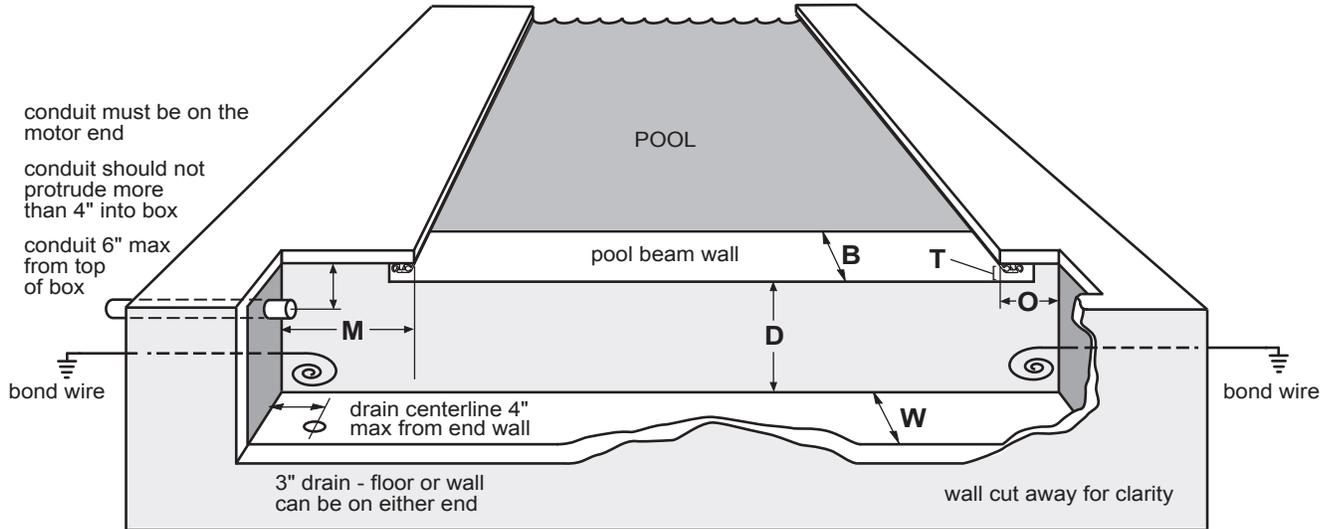


# MECHANISM HOUSING

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Choose a recessed mechanism (*concrete or wood box*) or deck-mounted mechanism. Systems include a lid assembly, bench frame assembly or fiberglass ends.

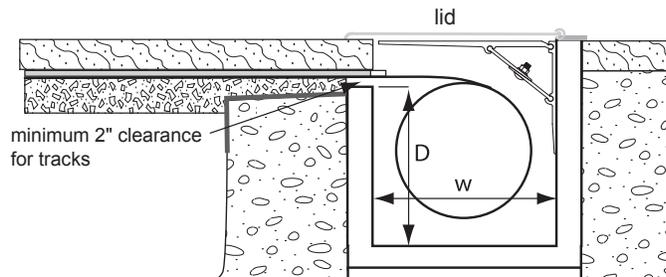
## Recessed Concrete, Wood, or UPB Box—Underside™ Track



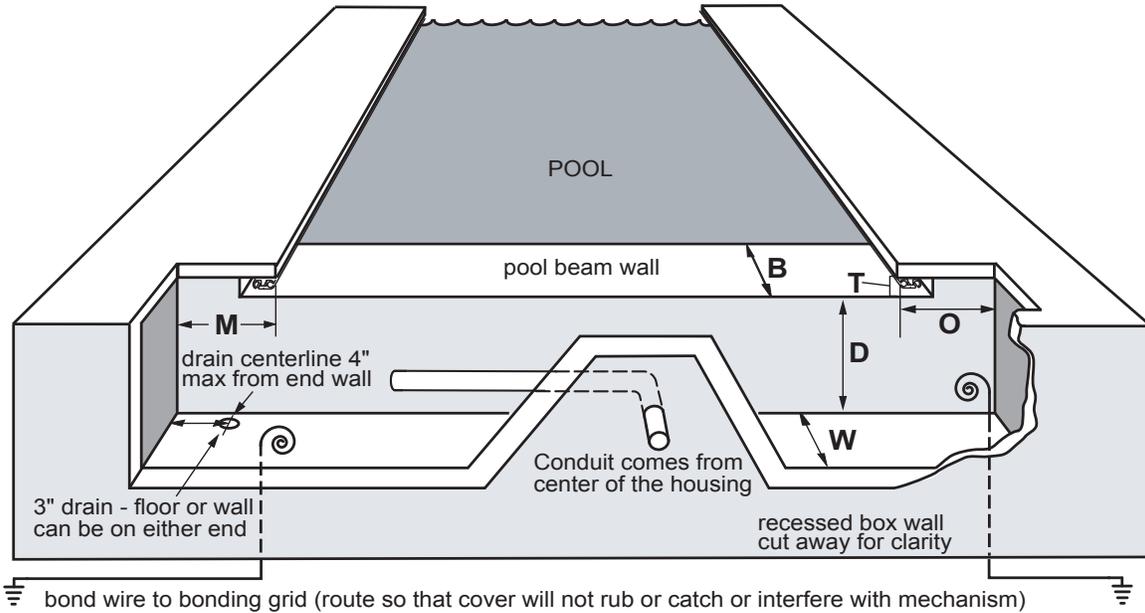
Consult a certified electrician and the pre-wiring diagrams for conduit and bonding requirements.

<b>Underside Track Box Dimensions for Save-T® 3</b>	MOTOR M	OPPOSITE O	BEAM B	THROAT T	DEPTH D	WIDTH W
Pools under 55 ft. long x 24 ft. wide	32"	10"	8-12"	2" min to finished beam	12-1/2" min	12-1/2" min
<b>UPB BOX</b> Pools up to 55 ft. long	32"	10"	8-12"	2" min to finished beam	13"	13"
Pools over 55 ft. long x 24 ft. wide	32"	10"	8-12"	2" min to finished beam	14½"	14½"
Pools over 65 ft. long or 25 ft. wide and vanishing-edge pools — Call Cover-Pools 1-800-447-2838						

### Box Side View—Underside Track



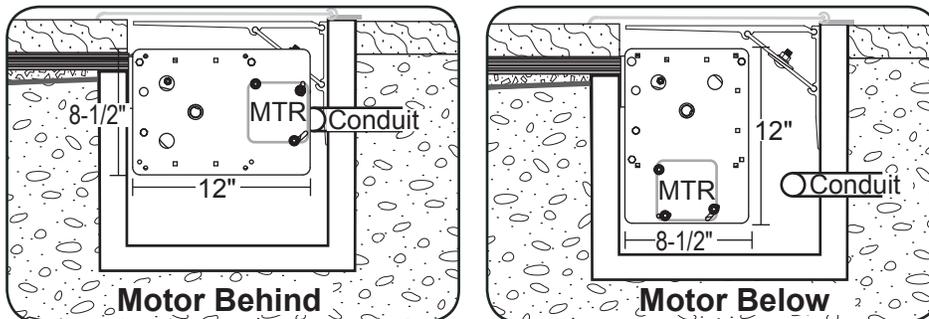
## Recessed Concrete, Wood, or UPB Box—Autosave OPTION 1: Conduit comes from back of box.



Consult a certified electrician and the pre-wiring diagrams for conduit and bonding requirements.

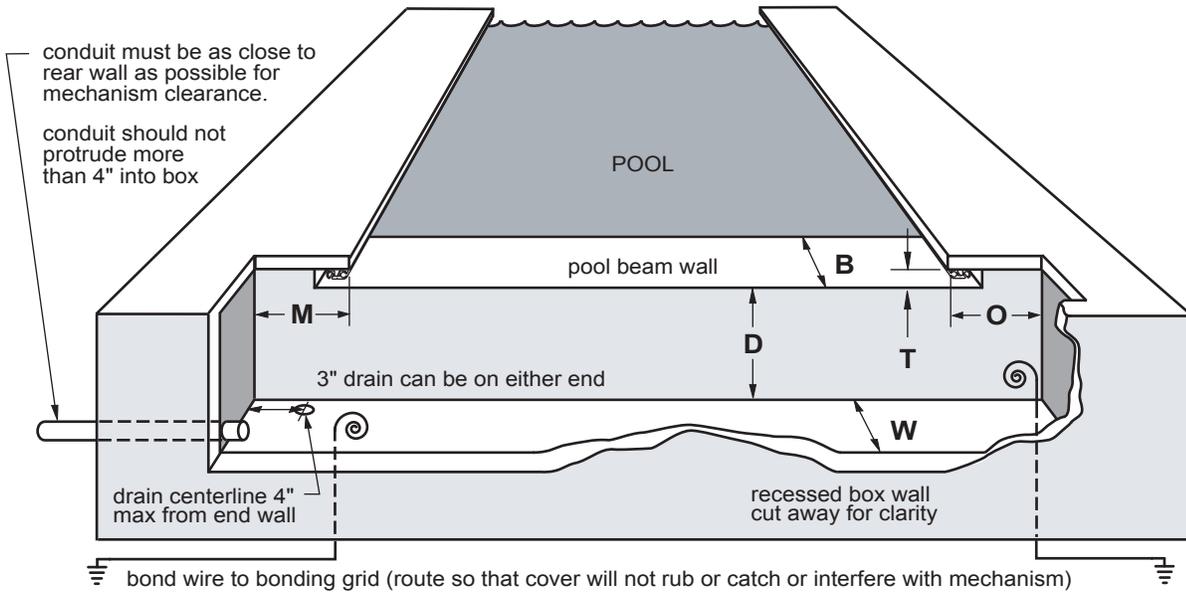
<b>Underside Track Box Dimensions For Autosave™</b> Up to 13' or 200 square feet	Motor M	Opposite O	Beam B	Throat T	Depth D	Width W
Motor Behind	9" min	9" min	10" min	1" to Finished Beam	9"min	12-1/2" min
w/ Auto-Shutoff	14-1/2" min	9" min	10" min	1" to Finished Beam	9"min	12-1/2" min
Motor Below	12-1/2" min	9" min	10" min	1" to Finished Beam	9"min	12-1/2" min
w/ Auto-Shutoff	12-1/2" min	9" min	10" min	1" to Finished Beam	9"min	14-1/2" min

### Side View



Note: To avoid interference, run the conduit from the center of the box using flex conduit with 1/2" water tight connector.

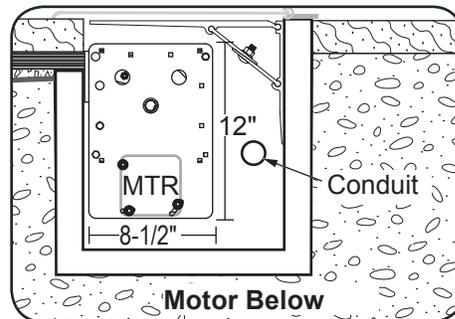
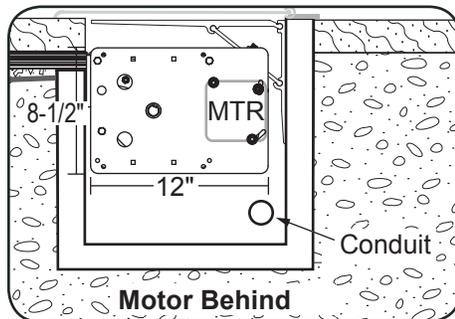
## Recessed Concrete, Wood, or UPB Box—Autosave OPTION 2: Conduit comes from side of box.



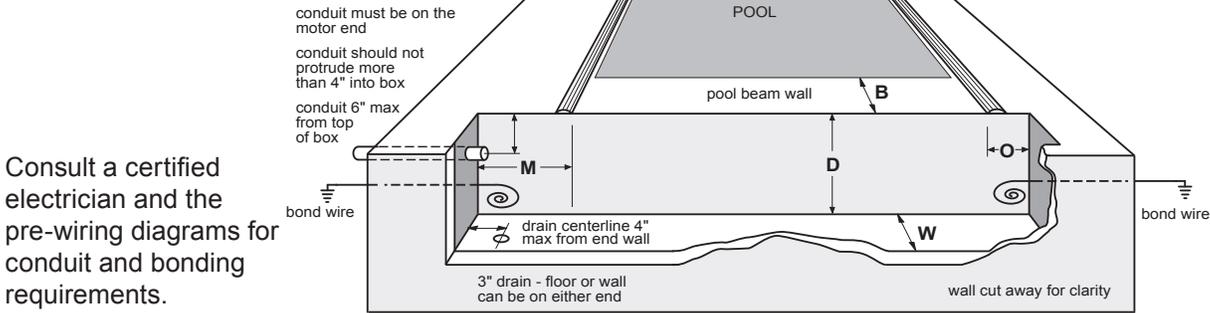
Consult a certified electrician and the pre-wiring diagrams for conduit and bonding requirements.

<b>Underside Track Box Dimensions For Autosave™</b> Up to 13' or 200 square feet	Motor M	Opposite O	Beam B	Throat T	Depth D	Width W
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Motor Below	12-1/2" min	9" min	10" min	1" to Finished Beam	9"min	12-1/2" min
w/ Auto-Shutoff	12-1/2" min	9" min	10" min	1" to Finished Beam	9"min	14-1/2" min

### Side View



## Recessed Concrete, Wood, or UPB Box—Universal or SnapTop™ Track



Consult a certified electrician and the pre-wiring diagrams for conduit and bonding requirements.

Deck Mount Track Box Dimensions for Save-T® 3	MOTOR M	OPPOSITE O	BEAM B	THROAT T	DEPTH D	WIDTH W
Pools under 55 ft. long x 24 ft. wide	32"	10"	8-12"	2" min to finished beam	12½" min	12½" min
<b>UPB BOX</b> Pools up to 55 ft. long	32"	10"	8-12"	2" min to finished beam	13"	13"
Pools over 55 ft. long x 24 ft. wide	32"	10"	8-12"	2" min to finished beam	14½"	14½"
Pools over 65 ft. long or 25 ft. wide and vanishing-edge pools — Call Cover-Pools 1-800-447-2838						

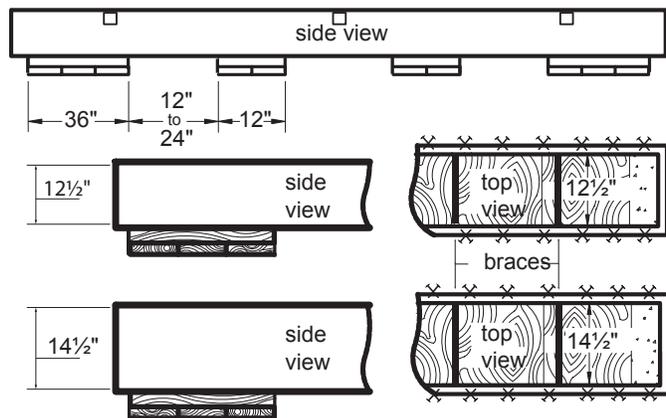
## Recessed Wood Box Construction

### Requirements:

The material used to construct the box should be:  
2" x 12" pressure-treated lumber or redwood

### Upper trim:

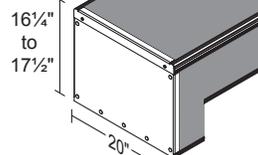
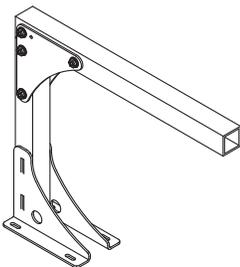
2" x 4" pressure-treated lumber or redwood



## Deck-Mounted Bench Construction

### Everlast™ Bench Kit

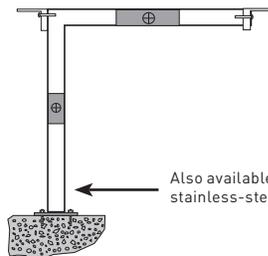
Modular bench kit uses adjustable-height brackets and polymer panels to create a low-maintenance bench system.



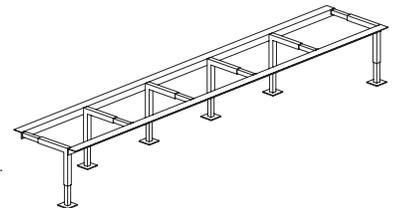
Available in 4 colors

### Bench Frame

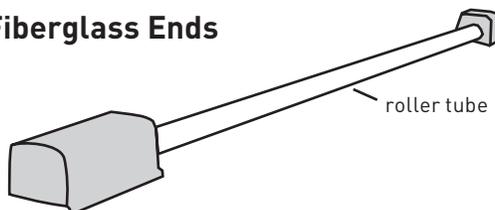
Three-piece adjustable steel brackets provide a maximum height of 20" by 24" wide. Surface material is not included.



Also available with stainless-steel base.



## Deck-Mounted Fiberglass Ends

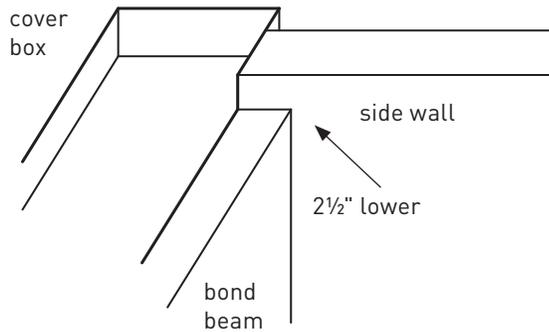
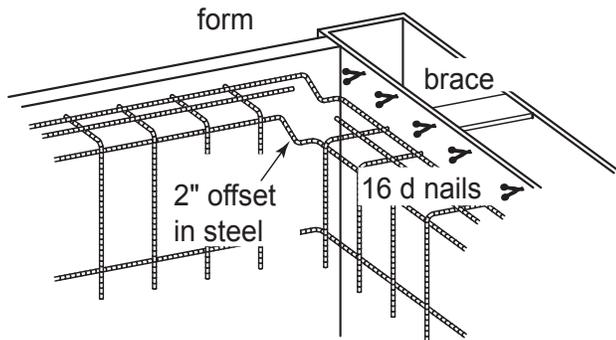


Fiberglass ends are an economical and practical solution to cover the deck-mounted mechanism. Available in white.

# COPING AND DECK

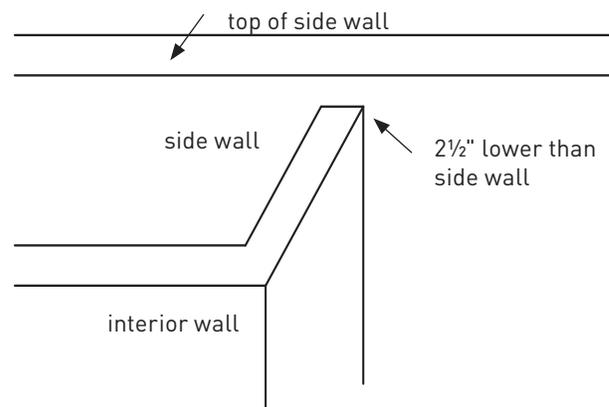
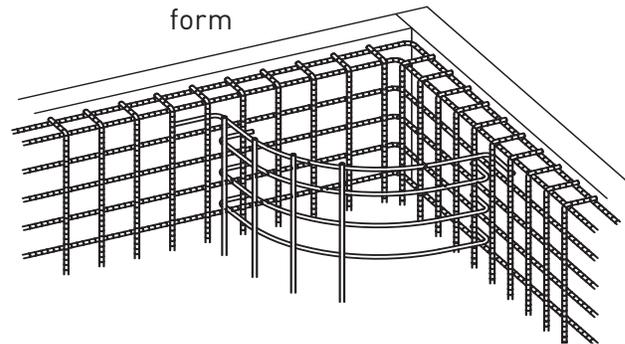
Consider the requirements for coping and deck installation.

## Gunite Layout—Underside™ track



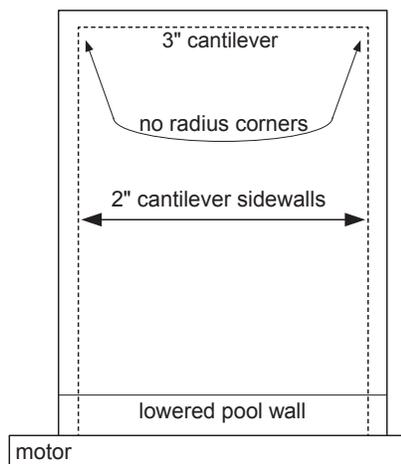
At the recessed box end, the pool wall (bond beam) must be shot 2 1/2" (2" finished with tile) lower than the side walls.

The top inside pool corners (above the waterline) must be square, not radius.



Any interior wall, such as for spas, also must be gunited 2 1/2" (2" finished with tile) lower than the side walls.

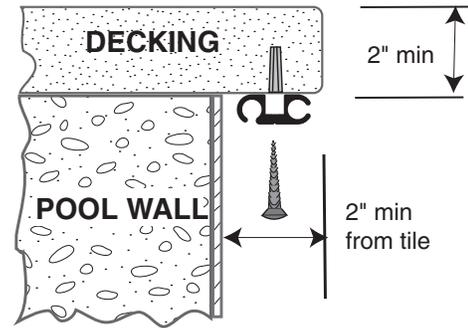
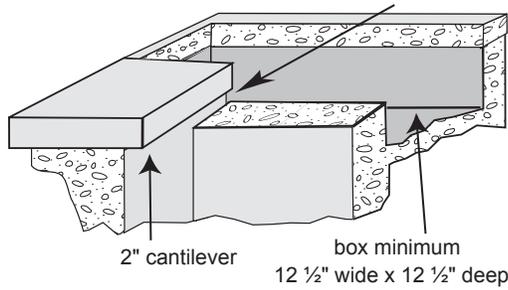
## Coping or Deck Requirements—Underside track



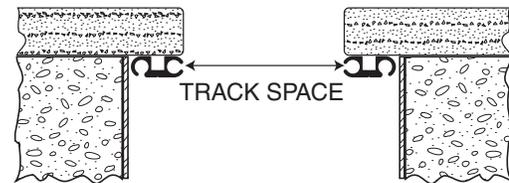
- All corners of the coping must be square
- Minimum **2" cantilever** from tile on **side walls**
- Minimum **3" cantilever** from tile on **end wall** opposite the mechanism

## Coping or Deck Requirements—Underside track (cont.)

Opening for the track must be  $2\frac{1}{2}$ " at box (2" finished with tile), sloping to 3" inside pool



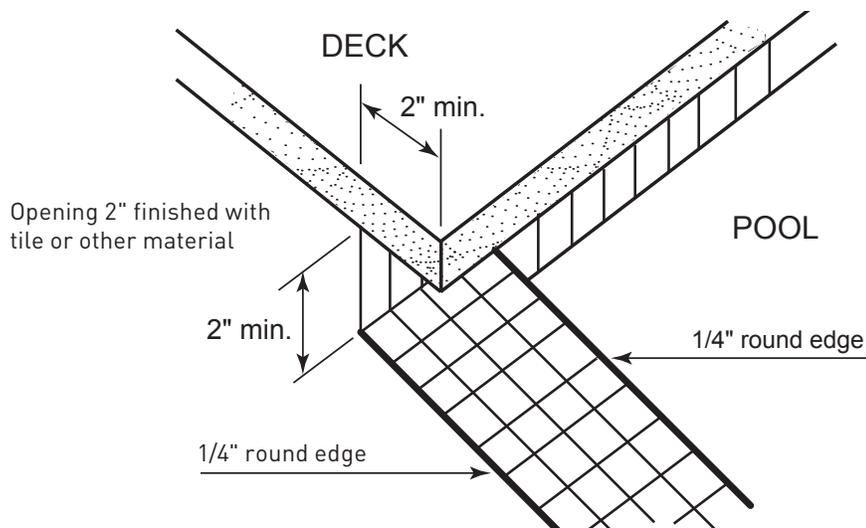
NOTE: The track must be mounted on the flat bottom of the coping. The coping measurement is **NOT** the track space. Coping must not extend more than  $\frac{1}{2}$ " past the edge of the track.



## Tile Beam—Underside track

The lowered pool wall is finished with a tile surface.

For the lowered wall edge, use a rounded tile on the front and back edges to minimize scraping on the cover.

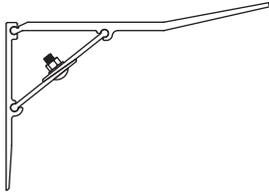


# RECESSED BOX COVER

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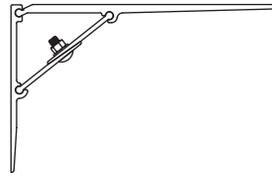
Choose lid and brackets to cover recessed box.

## Brackets



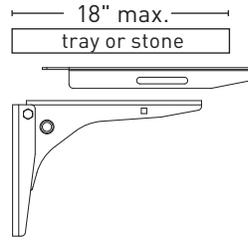
**Standard Aluminum Lid Tilted Bracket for Universal, Snaptop™, and Flush Track**

- Stepped or tilted anodized aluminum lid available with 4" or 6" hinge



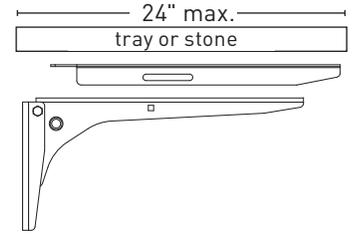
**Standard Aluminum Lid Flat Bracket for Underside™ Track**

- Standard anodized aluminum lid available with 4" or 6" hinge



**Vanishing Lid Adjustable 12" Stainless-Steel Bracket**

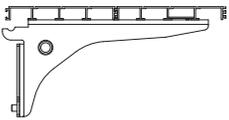
- For any tray less than 18"
- Extensions 14½" & 17½" available



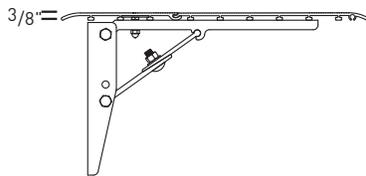
**Vanishing Lid Adjustable 18" Stainless-Steel Bracket**

- Maximum bracket spacing is two feet
- For trays 18-24" wide
- Extensions 20½" & 23½" available

## Bezel™ lids

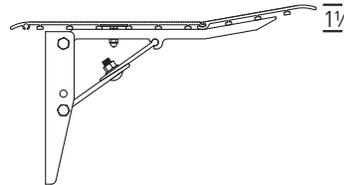


**Flush Mount Lid for vinyl liner pools with UPB Box**

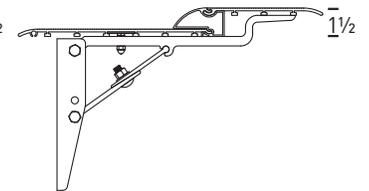


**Flat Bezel Lid**

Available in 16" or 18" width



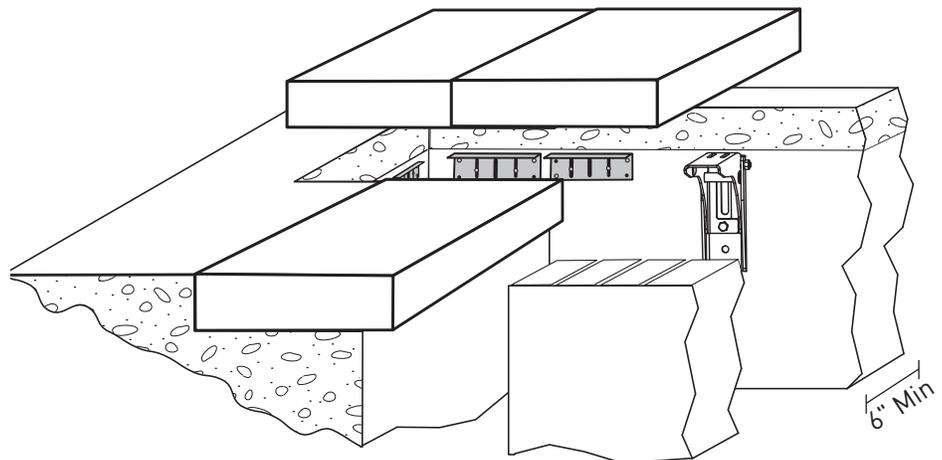
**Tilted Bezel Lid**



**Stepped Bezel Lid**

Available in 16" width with 16" or 18" ends

## Vanishing Lid™ System



**NOTE:**

Walk-on Vanishing Lid systems require a concrete housing, or, if using a wood housing, a concrete wall must be poured behind the box for anchoring brackets.

**Walk-On Vanishing Lid**

This design offers an adjustable tray support system for any type of deck material. Stainless-steel or aluminum trays and stainless-steel brackets provide the support base for a strong walk-on lid that can blend with the surrounding deck.

Note: The deck thickness must be increased for extended trays if the leading edge is going to fit under the tray. Contact Cover-Pools for more information.

The maximum width of any tray is 24".  
The maximum length of tray is 24".

Review system details for Save-T® covers.

## Quad-core™ Fabric

- Material: PVC vinyl, laminated over a reinforced polyester mesh for strength and tear resistance
- Rigorously Tested: The exclusive formula is the product of 50 years of testing and experience
- Designed for the Pool Environment: UV, mildew, and pool-chemical resistant with superior dimensional stability
- Weight: 18 oz. per square yard
- Thickness: 28 mil laminated vinyl
- Strength: Exceeds the ASTM F1346-91 minimum standard of 485 lbs. per 4' radius
- Construction: Fabric is attached to webbing and low-stretch rope (70,000+ cyclic loading fatigue life) with double-sewn Dabond® bonded polyester thread for durability
- 11 standard colors: dusky blue, royal blue, light blue, aqua, forest green, beige, tan, brown, gray, slate gray, and black
- Additional special-order colors available
- 7-year limited prorated standard warranty
- Sewn webbing in 9 optional colors
- Optional Ultimate™ heat sealed webbing in 6 colors
- Optional Ultimate™ rope (100,000+ cyclic loading fatigue life) or Stainless steel cable

## Track Styles

- 7-year limited warranty on all aluminum extrusions
- All aluminum extrusions are 100% anodized
- Underside™, SnapTop™, Universal, Slim™, or Flush track
- Safety-Lock track channel
- Top-mounted track channel for concrete and fiberglass pools
- Inverted track channel for concrete or deck-on-deck applications
- Track channel system for vinyl pools
- Coping channel for vinyl pools
- V-Pak™ kit for vinyl pools (includes system, fabric, channel, box, and lid)
- Reusable coping forms (3 Profiles)
- 45-degree vanishing-edge pools
- 90-degree vanishing-edge pools
- NEW Corr-Resist™ non-metallic Track Channel

## Mechanism

- Exclusive Corr-Resist end hubs with stainless steel, designed for salt water systems
- Marine-grade anodized aluminum frame and bracket
- Limited lifetime warranty
- Exclusive positive-shift system
- Exclusive Corr-Resist rope reel with stainless steel side plates designed for quiet operation
- Standard electric system comes with either the slip clutch or auto-shutoff

## Mechanism Housing

- Standard 12" aluminum lid with either 4" or 6" hinge
- Bezel™ lids, 16" and 18" wide
- Vanishing Lid™ trays, 12"–24" wide with stainless-steel trays and stainless-steel adjustable brackets
- Fiberglass deck-mounted mechanism end housings
- Ultimate™ Polymer recessed box
- Everlast™ modular bench kit (available in 4 colors)
- Bench frame assembly

## Power and Controls

- 3-year limited warranty on all electrical
- 3/4 hp waterproof electric motor
  - Optional Ultimate™ High-Torque Motor*
- 1 ½ hp/2000 PSI hydraulic system
- Safety lockout key control
- CoverLink™ touchpad control (wired or wireless)
- Low-voltage auto-shutoff with key switch
- Water-feature shutoff
- Jandy iAquaLink™ Interface

## Safety

- Exceeds ASTM F1346-91 requirements
- Full UL listing
- Bonding included with all automatic systems
- Automatic water-removal cover pump included

### • NOTE:

Some cover manufacturers treat cover pumps and bonding as options for their systems. A solid safety cover without a pump is NOT approved to ASTM F1346-91 safety standards. The installation of an automatic cover system without bonding is not a UL-listed product.

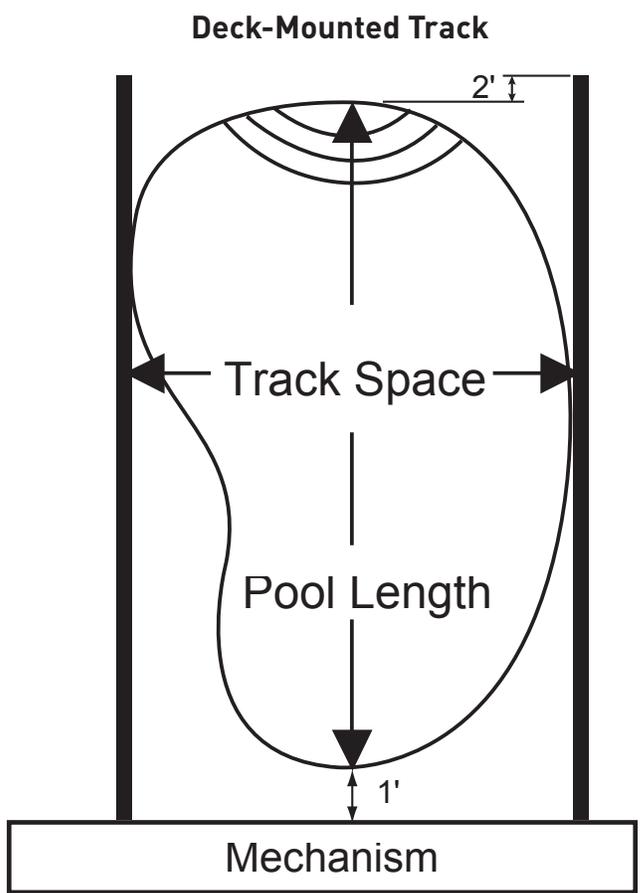
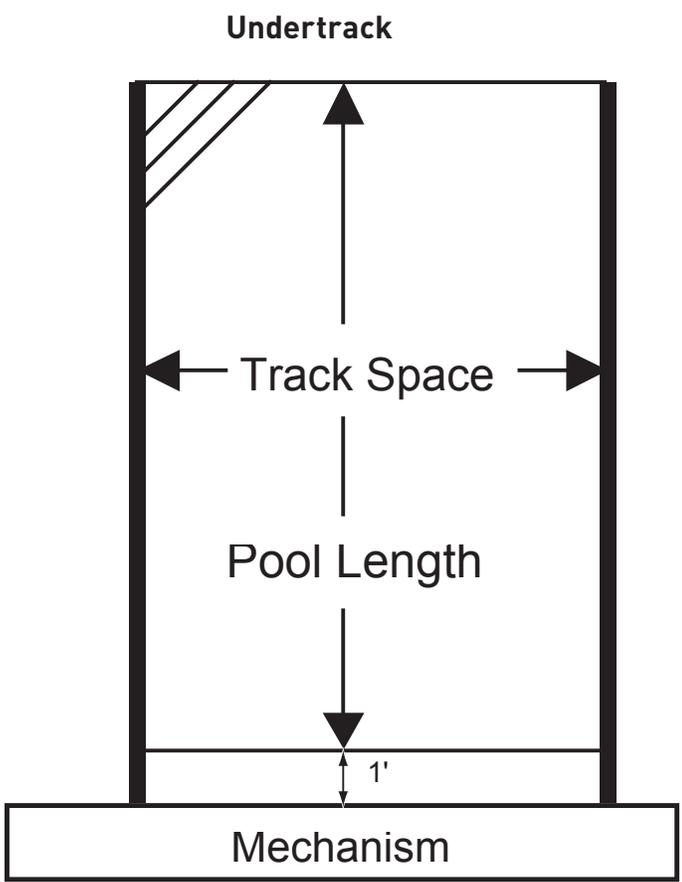
## Other Options

- Painting—all extrusions can be painted to match most deck surfaces or fabric colors

# COVER SIZING AND PRICING

Determine pricing according to the cover specifications.

Pricing based on motor mechanism being installed one foot from pool edge, motor position on left or right.



## TRACK SPACE x POOL LENGTH=COVER SQUARE-FOOT PRICING

Track widths over 25' or lengths over 65' require factory approval (maximum track space is 36').

## Cost Considerations

### Excavation/Plumbing

- Housing excavation
- 3" drain for housing drain— drain to air or drain to pit
- 3" conduit for hydraulic-unit housing

### Electrical

- 1/2" Conduit for mechanism power
- Electric run to key switch
- 15-amp GFCI dedicated circuit for mechanism at panel (20 AMP for hydraulic)
- Electric runs over 50' require heavy-gauge wire
- Electrical run for accessory board
- 1/2" Conduit (for low voltage wires) required with Auto-shutoff/CoverLink wired controls

### Concrete

- Concrete, gunite or shotcrete box, minimum 6" thick, 3500 PSI, (no rebound)
- Additional deck around housing/mechanism
- Tile on lower beam, beam cover or other

### Cover/Mechanism

- Unit price based on track space x pool length including steps, plus options
- Track space 25' 6" or more may require a larger main mechanism tube and larger leading edge for fabric

### Track

Underside™ track or Universal track standard

- Track channel for concrete or fiberglass pools (2 or 3 sided)
- Flush track
- SnapTop™ track
- Vinyl-liner pool coping 90°, 45°, 6" radius or 24" radius
- Track channel for vinyl-liner pools
- Vanishing edge 45° or 90°
- Painted track extrusions

### Housing

Aluminum lid, bench frame or fiberglass ends standard

- Painted lid extrusions
- Aluminum Lids: Standard, Bezel™ lids, or Flush Mount
- Walk-on Vanishing Lid™ trays
- Bench for deck-mounted mechanism

### Power/Controls

110 V motor and hard-wired 3-wire key standard

- Auto-shutoff control with amp limit
- Wireless CoverLink™ digital touchpad control
- Wired CoverLink digital touchpad control
- Water-feature shutoff/accessory board
- Hydraulic pump with hydraulic hoses
- Jandy iAquaLink™ interface & control

