



T4 - SPA

General Information

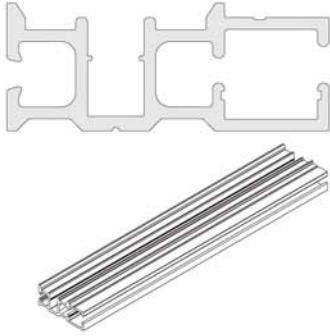
for Installing a T4 Automatic Spa Cover

This is a general guide on factors to consider for the installation of a T4 automatic cover system.

Detailed installation instructions are available.

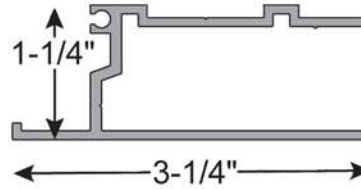
FOR YOUR SAFETY—This product must be installed and serviced by a contractor who is licensed and qualified in pool equipment by the jurisdiction in which the product will be installed where such state or local requirements exists. In the event no such state or local requirement exists, the installer or 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.

TRACK OPTIONS

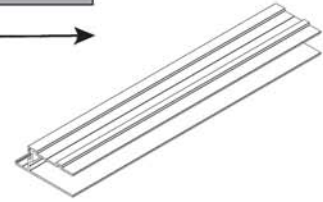


Dual Race Undertrack™

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

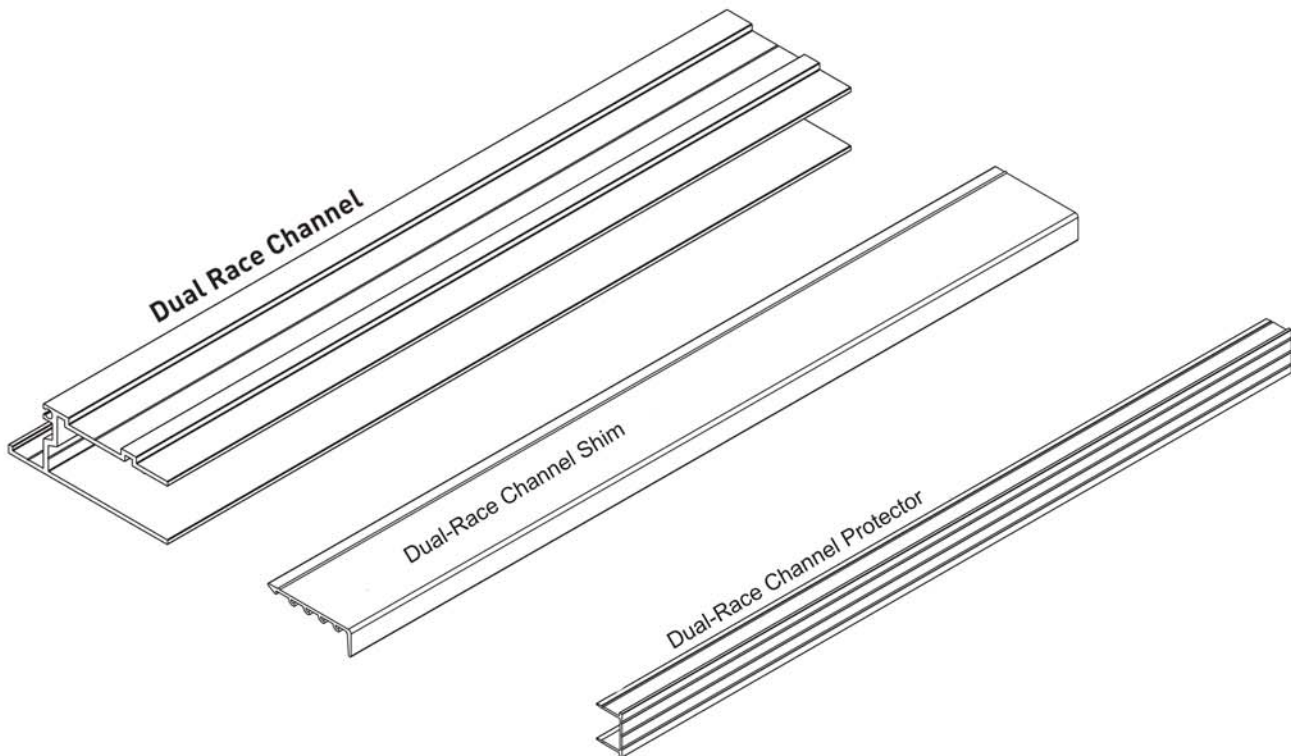
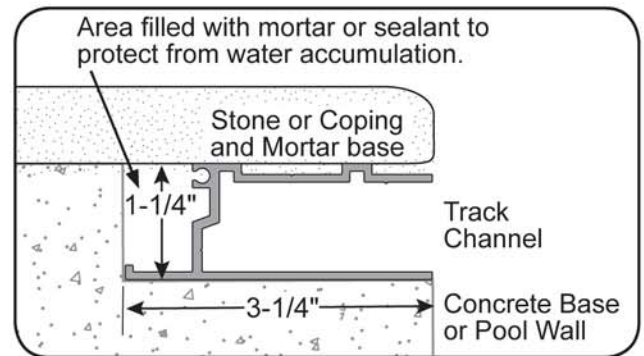
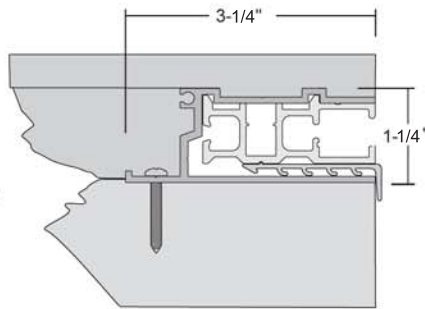


Dual Race Channel



Dual Race Channel

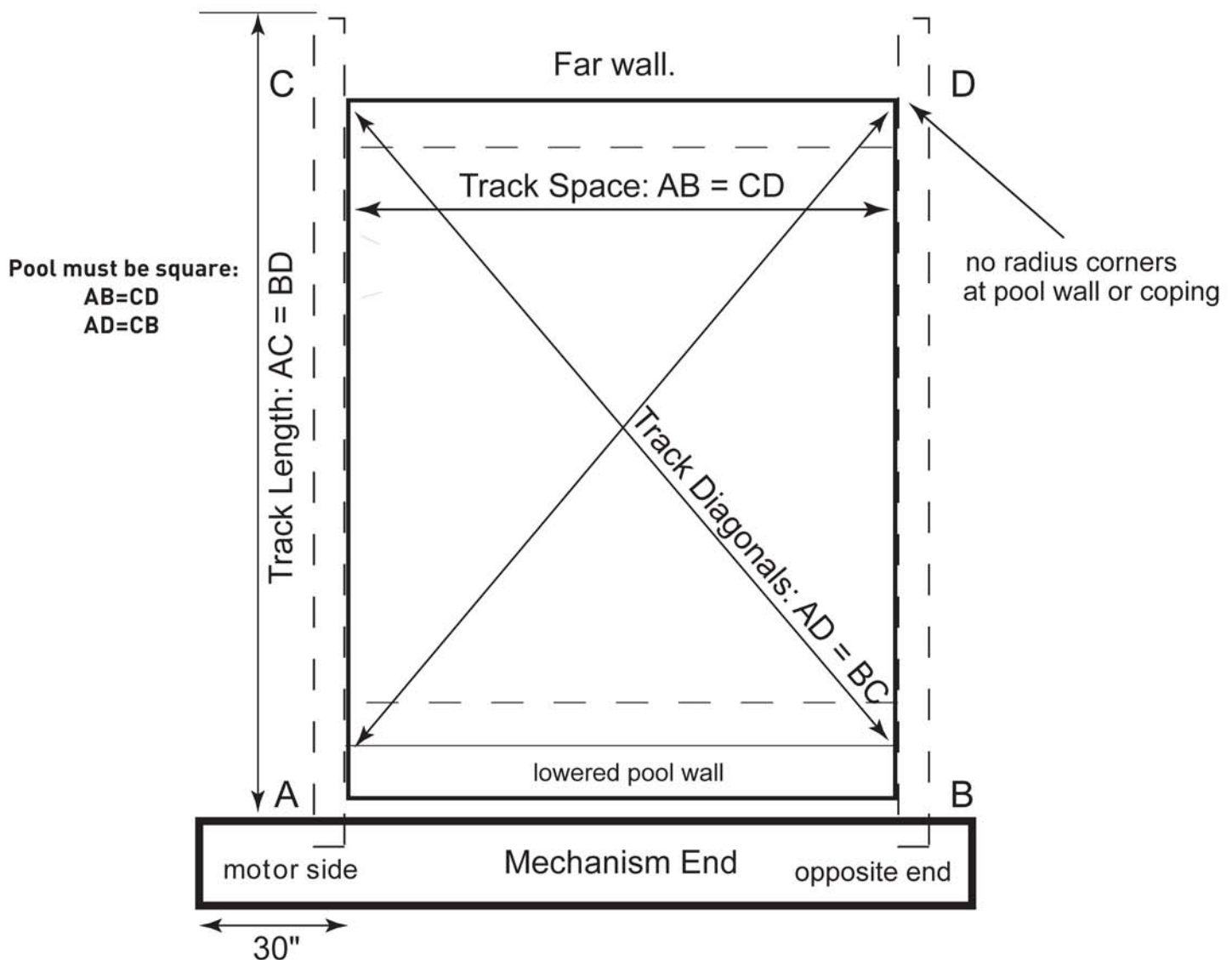
- For concrete and fiberglass pools
- Raised-wall applications
- Track channel allows for custom cantilever profiles
- Foam or wood forms can be incorporated for deck profiles



Consider any special requirements for excavation and plumbing.

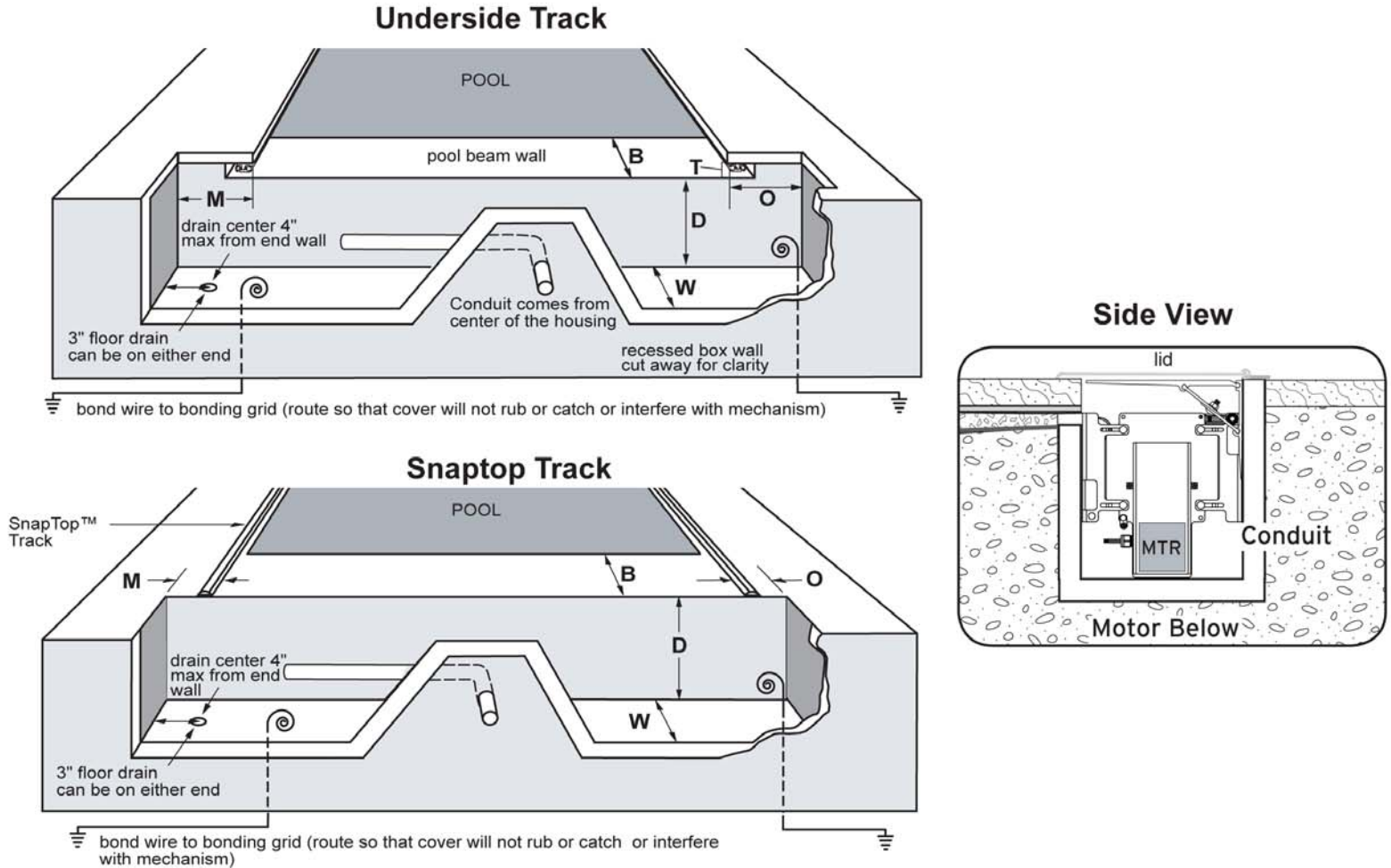
Recessed Mechanism—Dual Race Track or Track Channel

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, and slope bottom to the drain.



T4™ Spa Recessed Box Details

OPTION 1: Conduit comes from back of box.



Dimensions For T4 Spa Up to 15' wide or 200 square feet	Motor M	Opposite O	Beam B	Throat T	Depth D	Width W
Motor Below	10" min	7" min	8" min	1"	13"min	9" min 14" max
w/ Auto-Shutoff	13" min	7" min	8" min	1"	13"min	9" min 14" max

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

Bond Wire: 2 solid bond wires 8 AWG 1 Motor end, 1 Opp End
(from pool bond grid with a **minimum of 4 ft. inside box**)

Bonding

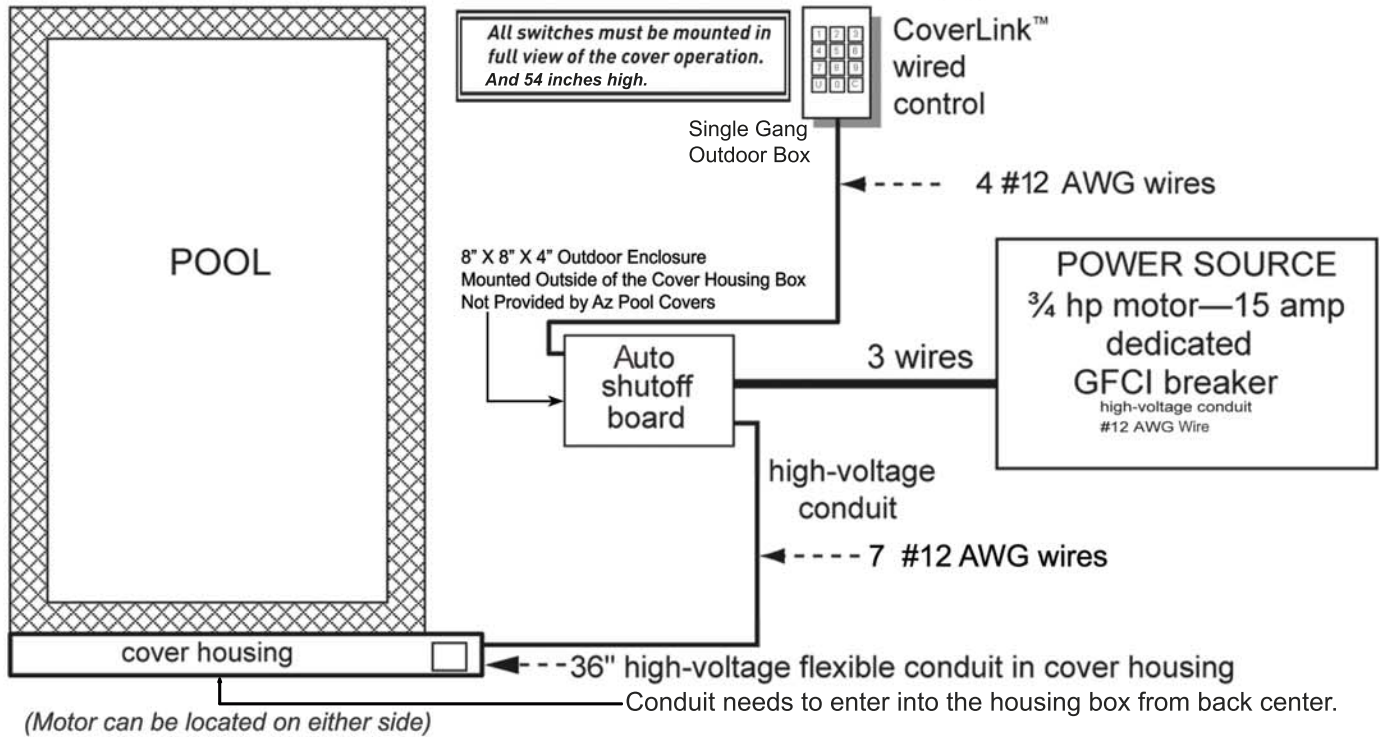
In accordance with the requirements of the National Electrical Code (NEC), or in Canada the Canadian Electrical Code (CEC), the equipment must be bonded to all metal parts of the swimming pool, spa or hot tub structure and to all electrical components and equipment associated with the pool/spa water circulation system. The bonding must be accomplished by using a solid copper conductor, No. 8 AWG or larger. In Canada No. 6 AWG or larger must be used.

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

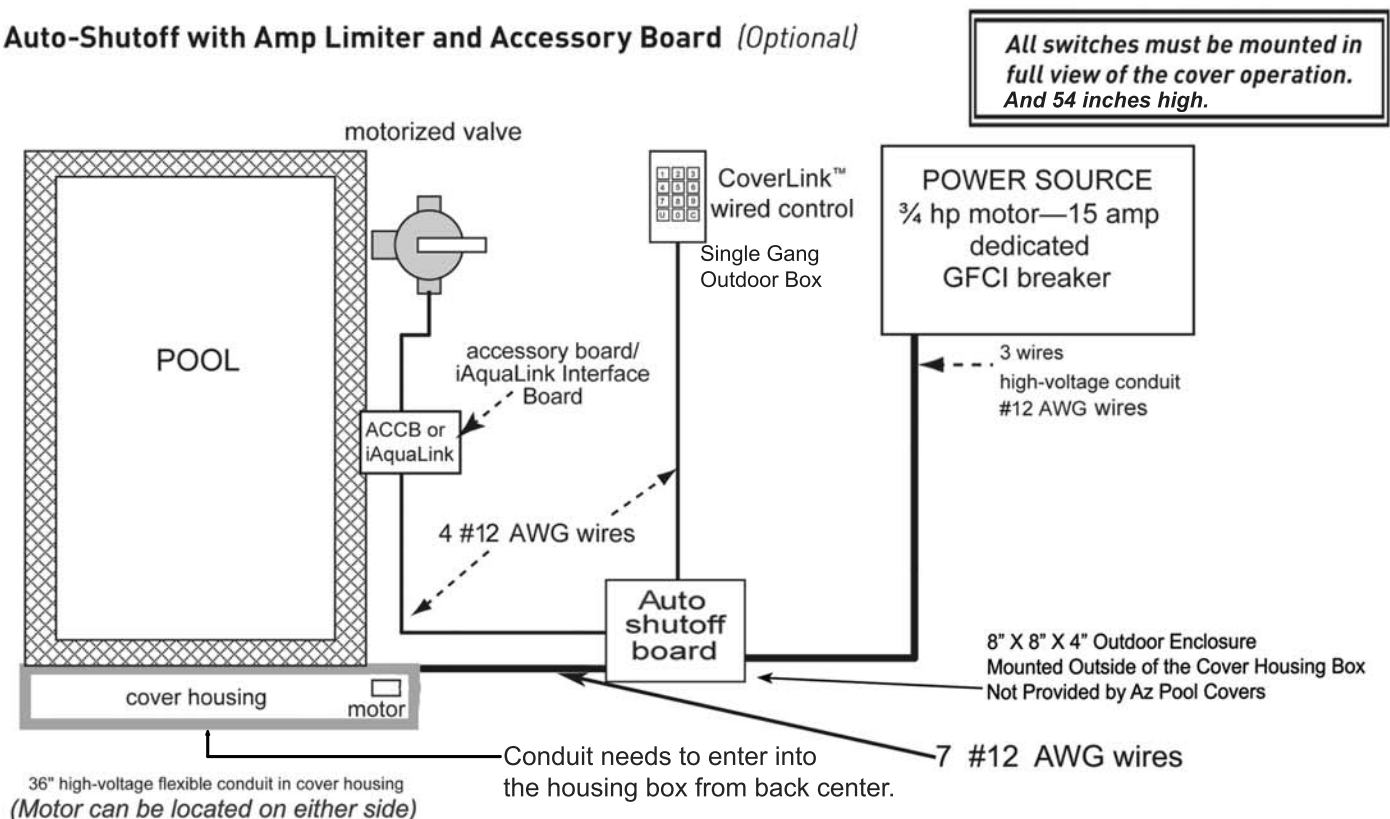
ELECTRICAL

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.

Auto-Shutoff with Amp Limiter (Standard Equipment)

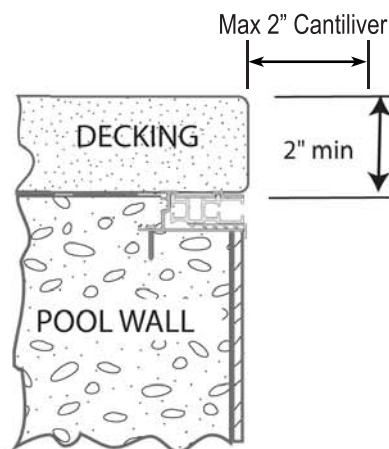
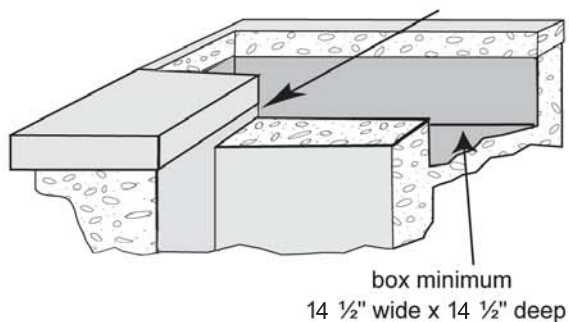


Auto-Shutoff with Amp Limiter and Accessory Board (Optional)



Coping or Deck Requirements

Opening for the track must be 2½" at box
(2" finished with tile), sloping to 3" inside pool



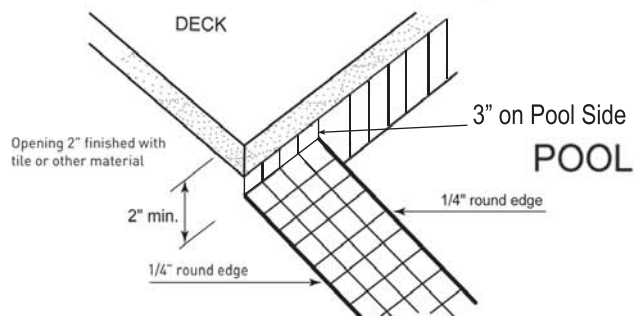
NOTE: The track must be mounted on the flat bottom of the coping. The coping measurement is **NOT** the track space. Coping must not extend more than ½" past the edge of the track.



Tile Beam—Dual Race Undertrack

The lowered pool wall is finished with a tile surface.

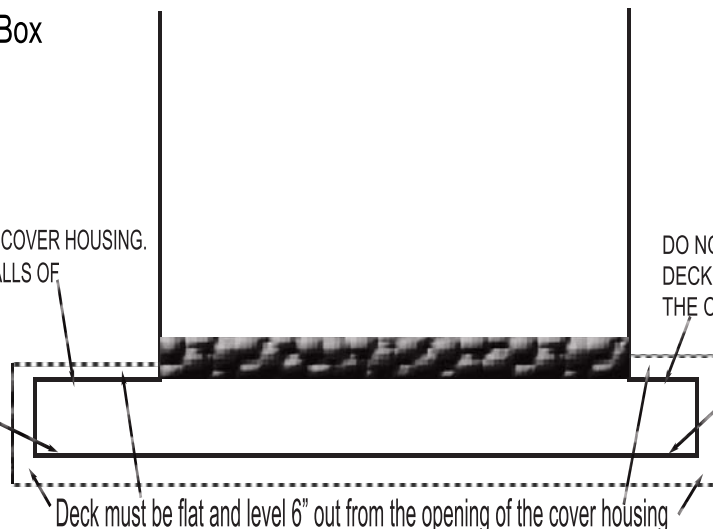
For the lowered wall edge, use a rounded tile on the front and back edges to minimize scraping on the cover.



Deck Around Cover Housing Box

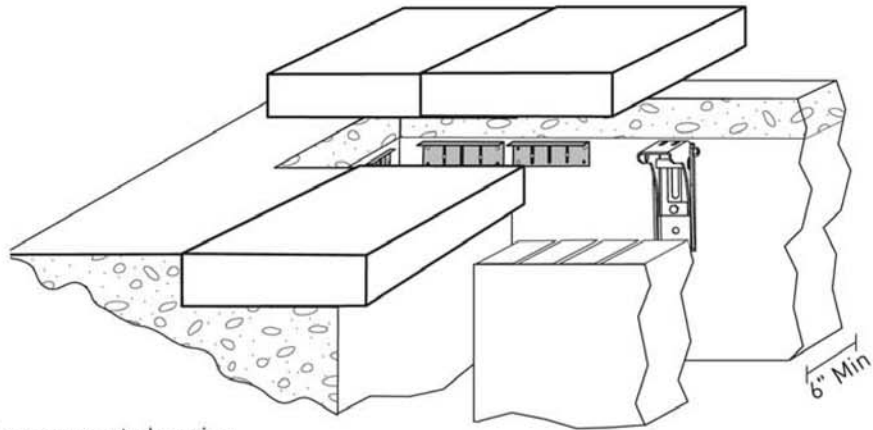
DO NOT CANTALEAVER DECK OVER THE COVER HOUSING.
DECK MUST BE FLAT AND EVEN WITH WALLS OF
THE COVER HOUSING

DO NOT CANTALEAVER DECK OVER THE COVER HOUSING.
DECK MUST BE FLAT AND EVEN WITH WALLS OF
THE COVER HOUSING



VANISHING LID™ SYSTEM

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 Arizona Pool Covers for more information 480-829-0083

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

