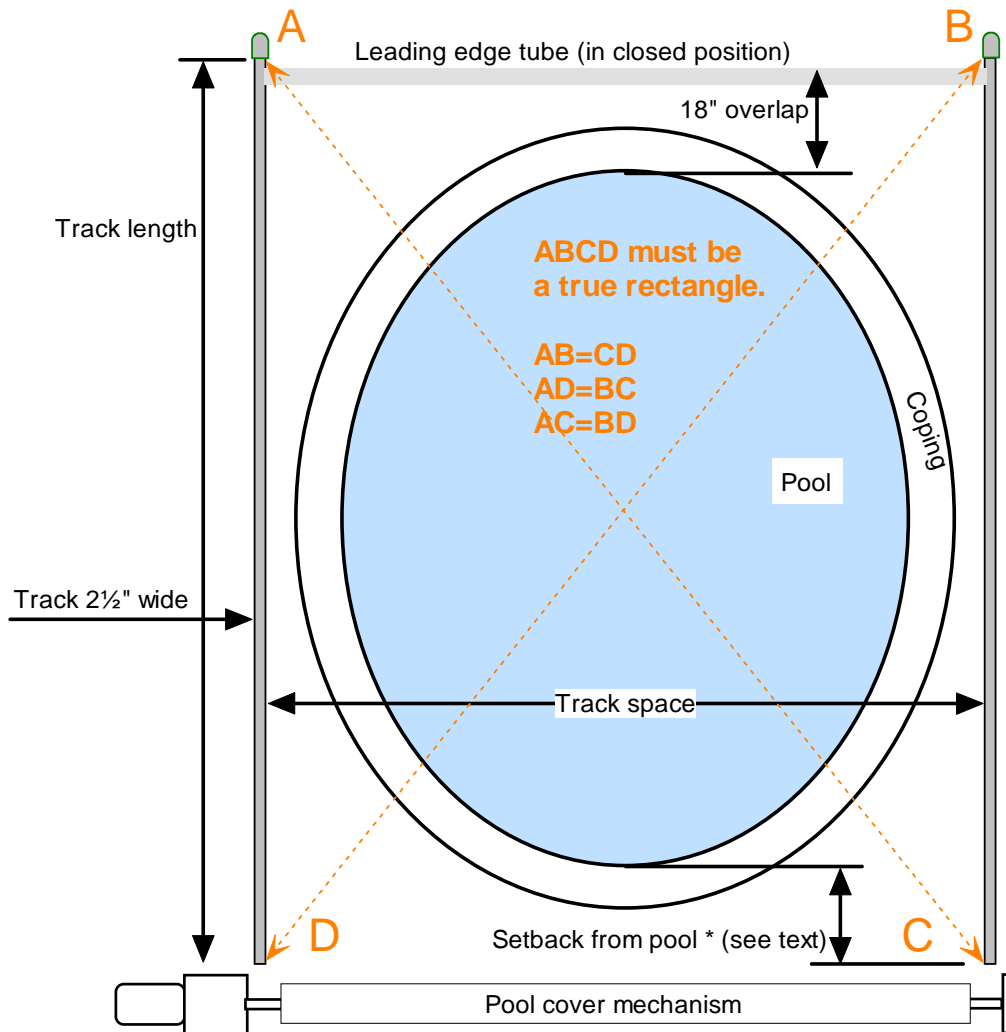


## DECK MOUNT AUTOMATIC POOL COVER APPLICATION

### GENERAL SPECIFICATIONS

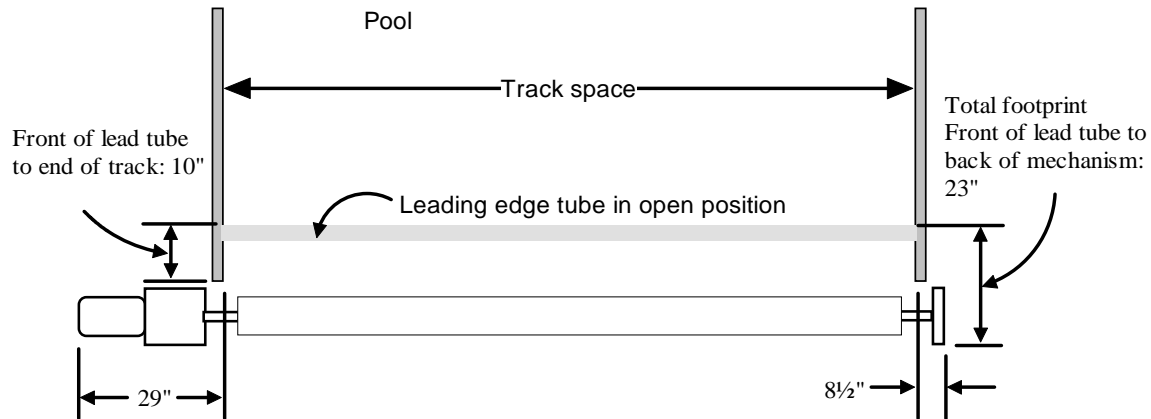


### SETBACK DISTANCE

\* The setback distance from the pool varies for each installation. In almost all applications, the mechanism is planned to be as close to the pool as possible, while allowing the leading edge tube to come completely off the pool when the cover is opened.

18" is the maximum setback distance recommended by Coverstar for normal applications.

There are applications where it is possible to have the pool cover mechanism farther away from the pool, so as to allow foot traffic (etc) around the edge of the pool. The most important aspect of setting the mechanism some distance away from the pool is the size of the pool, and the desired setback amount. The considerable extra amount of "deck drag" friction may cause the pool cover system to strain, among other possible problems. **Make sure you call us for guidance on this type of application.**



## DECKING

### MECHANISM & TRACK FOOTPRINT

The mechanism and track need to be securely attached to the decking. It is not recommended to allow the track or mechanism to span across open earth, or grass etc.

As most deck mount applications are a retrofit to an existing pool, it is common for small patches of additional decking to be added (by others) to accommodate the pool cover system.

### UNUSUAL STONE COPING OR WOOD DECK

Wood decks constructed of plank no smaller than 2x4's may be acceptable. 2x6's are recommended, but guides may loosen as the wood around the stainless steel guide screws softens over the years. We do not warranty installation of screws in wood over time, but rather offers guidelines to follow.

Flagstone, slate, **tile**, marble, Palos Verde stone, etc., may need to be test drilled prior to guide installation.

### SET STONE DECK CONSIDERATIONS

All stones in which the tracks and aluminum lid will be attached must be mortared down. Ideally, the entire pool area would be stones set in a mortar bed; however it may only be necessary under the track and around the mechanism enclosure. The tracks especially must have a strong base to attach to.

**Automatic pool cover applications on deck stones that are set in sand or stone dust are prone to problems caused by the sand or stone dust getting into the tracks.** Every effort must be made when constructing the deck to prevent sand or stone dust from coming out of the joints when it rains. Tight joints, and sand with glue mixed into it are good ideas here.

### RADIANT FLOOR HEAT CONSIDERATIONS

Any heater pipes that is located directly under where the tracks or aluminum lid assembly must be **at least 2"** down from the finished deck surface. The track screws must imbed the decking at least 1½".

# **FINISHED INSTALLATION**

## **WHAT THE OPENED COVER WILL LOOK LIKE**

