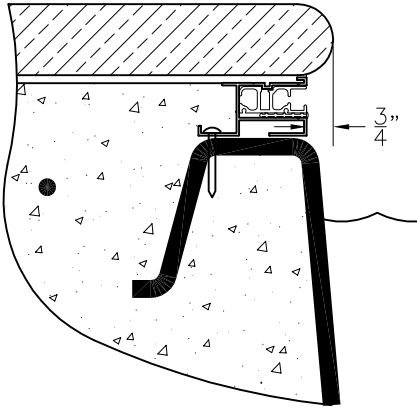
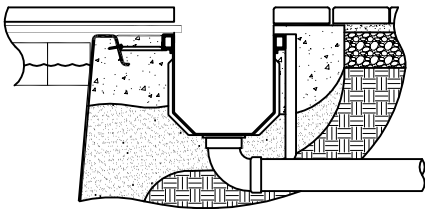


Fiberglass Pool Underguide System For Rectangular Fiberglass Pools Only

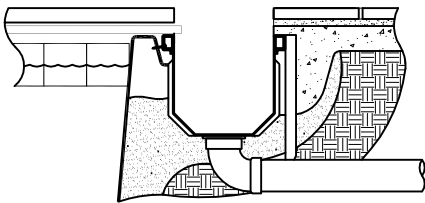
3/4 inch overhang
both sides of pool



6" standoff brackets for
Fiberglass Pools wider than 12'



Direct mount for Fiberglass
Pools 12' and narrower



A

B

General Requirements

1. Pool must be true rectangle. (AB=CD, AC=BD, AD=BC)
2. Keep pool walls level and straight through the entire project. Temporary internal bracing is recommended, keep bracing below top of pool.
3. Deck or coping around pool must not cantilever more than 3/4 inch beyond Encapsulation.
4. Encapsulation will add 1 1/2 inch to pool elevation
5. One 3 inch diameter drain from housing required. Adequate housing drainage required.

Excavation

1. For polymer housing dig 16" down and 24" back from pool. Dig 4' past waters edge on motor side and 2' on non motor side. For concrete housing dig 24" down and 24" back from pool. Dig 4' past waters edge on motor side and 2' on non motor side.
2. If drywell will be used for drainage, for convenience dig at this time. Dig hole 30 inches wide and 7 feet deep, 1 foot of stone in bottom. See drywell in housing section of this manual.

Cover Housing

1. Install housing or form for concrete housing after pool has been set and back filled. Refer to the housing section for installation.
2. Motor end offset is 36" and non motor side is 12" from interior of pool walls.
3. Housing is 14" wide and 14" deeper than top of pool shell.

Steel

1. Tie cantilevered deck rebar to side of pool lip. Do not go through the top of pool edge or through the encapsulation.

Plumbing

1. Avoid placing plumbing under housing. If required, plumbing and light conduits must be kept 16 inches lower than side wall elevation in housing area.
2. 3 inch drain required at motor end of housing. Non-motor end drain also is best. Keep drains tight to housing ends.
3. Do not install skimmer or order pools with the skimmer at the housing end of the pool.

Electrical

1. #8 solid bond wire with 3 foot tail at each end of housing. Wire must be bonded to equipment pad.
2. Motor under full load rated 8.8 AMP 120VAC. Use adequate wire size and follow required codes.
3. Wire to housing should terminate in all-weather junction box. Standard system requires all wires to be sized for motor rating. Key switch carries full motor load. Circuit boards require wire for 5VDC run in conduit separate from AC wiring.
4. Key switch requires single gang all weather junction box. It must be located where 100 % of pool surface is visible. If pool is outside switch should be outside also.

Bond Beam/Collar

1. Pour bond beam/collar or sub deck to top of encapsulation after encapsulation and housing have been installed.
2. Make bond beam/collar wide enough to completely support coping material with 3/4" overhang.

Cantilevered Edge

1. Cantilever edge cannot overhang more than 3/4 beyond encapsulation, including edge treatments such as bullnose, round over or rock facing.
2. If planning to match walk-on lid with coping, material should be 2 inches thick and/or have sufficient strength to span brackets 24 inches apart. Material selection and strength is responsibility of builder.
3. Cantilevered edge continues over lowered bond beam ending flush with inside of housing.

Cover Installation

1. Cover may be installed only after pool water is with in 6" of guides
2. In no case may cover be left over pool without water level in pool at final elevation.

