

EDGE DIVING SYSTEM/*aquaBoard*TM Supplemental Installation Guide



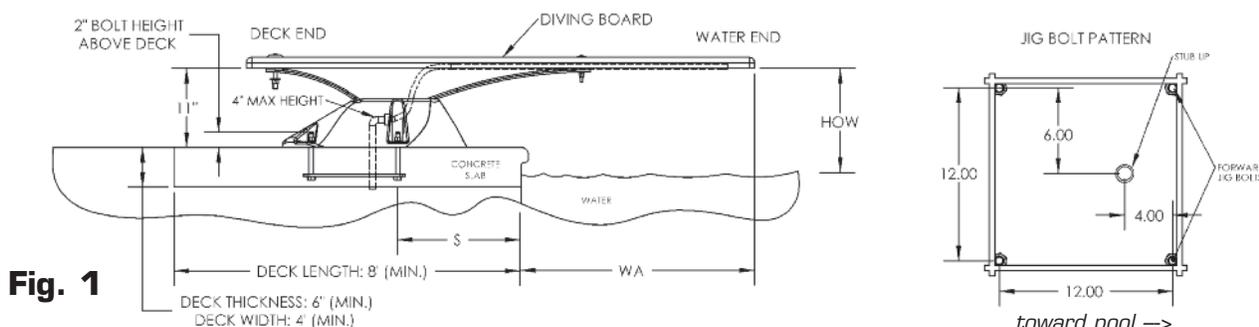
You MUST refer to the Edge Diving System installation manual for proper jig placement locations, minimum diving envelope requirements and installation information.

Refer to these instructions only when using a 6 or 8 foot Edge *aquaBoard* together with a Board Fall water feature.

1. WATER STUB-UP DETAILS:

If installing a BOARD FALL or lighted waterfall feature, ensure that a 1/2" (minimum) water stub-up and when applicable, an electrical conduit is located within the area designated. **(Fig. 1)** Provide a minimum of 10 gallons per minute water flow for the BOARD FALL water feature. Ensure electrical conduit, wiring, and transformer installations comply with local or national electrical codes, whichever is greater. **NOTE: Maximum water supply is 1-1/2" PVC.**

To ensure all plumbing and electrical conduit will not hit the inside of the base, the stub-up must not exceed 4" in height.



2. BOARD FALL DETAILS:

The BOARD FALL water feature is available in 3 styles described below. Each style will work with a 6 or 8 foot Edge *aquaBoard*TM. **NOTE:** Minimum 10 GPM water supply recommended. *Please see detailed installation instructions for dive stand installation information and requirements.*

BOARD FALL CONFIGURATIONS:

1. **BOARD FALL:** kit includes Board Fall, Mounting Hardware (4 screws), 8' & 4" of 1/2" Flex PVC Pipe, 1-Union
2. **BOARD FALL-L:** kit includes Board Fall parts *PLUS* LED Lights Assembled (RGB), Color Controller, 35' of Wire (10' on unit – 25' on controller), Coupler. *NOTE: No transformer is provided.**
3. **BOARD FALL-F:** kit includes Board Fall parts *PLUS* 55' of 25 Strand Fiber Optic Cable Assembled. *NOTE: No light source is provided.*

STEP ONE: INSTALL BOARD FALL WATER FEATURE ON EDGE *aquaBoard*TM:

If purchased, attach the optional waterfall assembly to the underside of the Edge *aquaBoard*TM as follows:

IMPORTANT: To keep the BOARD FALL from clogging when installing on a Sand Filter System, an in-line cartridge filter is recommended on the BOARD FALL water supply line.

- A)** The BOARD FALL comes from the factory with an 8' length of 1/2" flex PVC pipe attached. The 8' length goes thru the board and attaches with PVC glue to one side of the 1/2" union. The 4" length of flex PVC pipe attaches with PVC glue to the stub-up and then to the other side of the 1/2" union. *(continued →)*



800.737.5386

**3050 S. ALVERNON WAY
TUCSON, AZ 85713**

- B)** If purchased, your BOARD FALL waterfall comes with an optional pre-wired, factory installed LED or Fiber Optic lighting system. Simply thread the wiring attached to your waterfall lighting system down the channel in the center of the board along side the 1/2" PVC tubing.

TIP: You may find it simpler to put end of wire into end of hose or tape the wiring to the end of the 1/2" flex PVC and thread them thru the conduit at one time.

The LED lighting system comes with 10' of wire attached to the LED which goes through the board and attaches to the coupler, the additional 25' of wiring attaches to the coupler and then passes through the customer installed conduit to the color controller.

The fiber optic lighting comes with 55' of continuous cable which is passed through the board, then through the customer installed electrical conduit to the customer provided color light source.

- C)** Once the water tubing and wiring are threaded all the way through the diving board, from the base side, gently pull the end of the tubing until the waterfall assembly is pulled gently into the BOARD FALL receiver on the top of the diving board.
- D)** Mark the hole locations for attaching the BOARD FALL unit to the board.

For an Edge aquaBoard™: Locate the BOARD FALL unit all the way to the back of the BOARD FALL receiver. **(Fig. 2)** Make sure the hose is threaded through the channel as shown. **(Fig. 3)** Using a 1/8" drill bit, drill the 4 holes 1/2" deep. Use tape to mark the drill bit depth. **IMPORTANT: Do not drill the holes deeper than 1/2" as there is a risk of drilling all the way through the board.**



Fig. 2

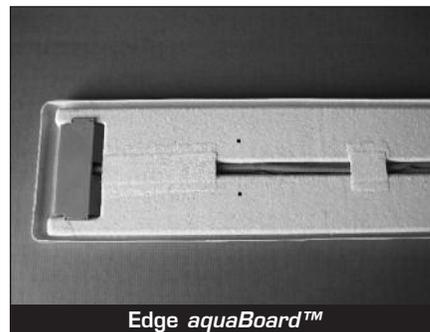


Fig. 3

- E)** Attach the waterfall unit to the Diving Board by inserting the 4 provided screws thru the holes in the waterfall assembly; hand tighten only (DO NOT USE SCREW GUN), over tightening the screws will cause them to strip inside the board or break the waterfall housing, and voids the warranty.

***WARNING:** Do not attach the color controller directly to 110V, the LED lighting is a low voltage system requiring a transformer (not included) to provide power to the color controller. Inter-Fab recommends the Intermatic PX100 transformer. If the Intermatic PX100 is not utilized the color controller Input Rating is: 12 VAC, 1.7 Amp 60/50HZ. *Exceeding the input rating will severely damage the color controller and void the warranty.*

3. BASE PLUMBING/ELECTRICAL DETAILS:

Remove the black cap on the top of the base. **(Fig. 4)** Pass the hose through the base. **(Fig. 5)** Coil up any excess hose under the base. **(Fig. 6)**

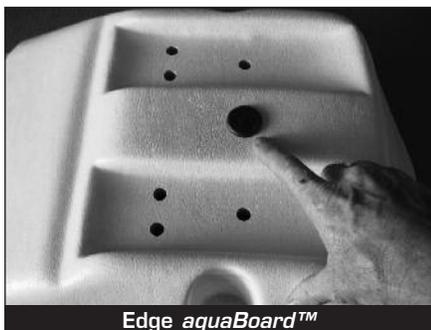


Fig. 4

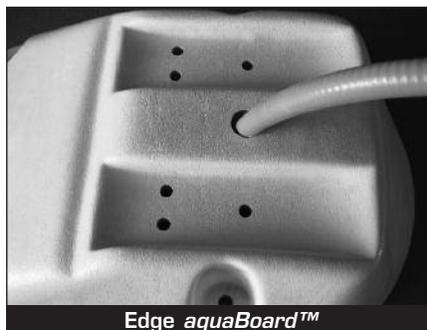


Fig. 5

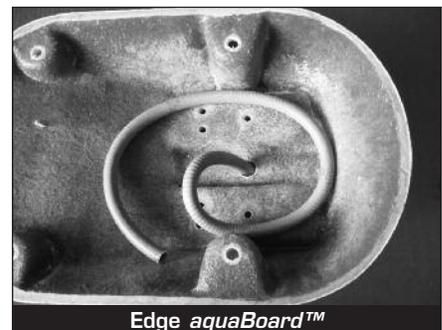


Fig. 6