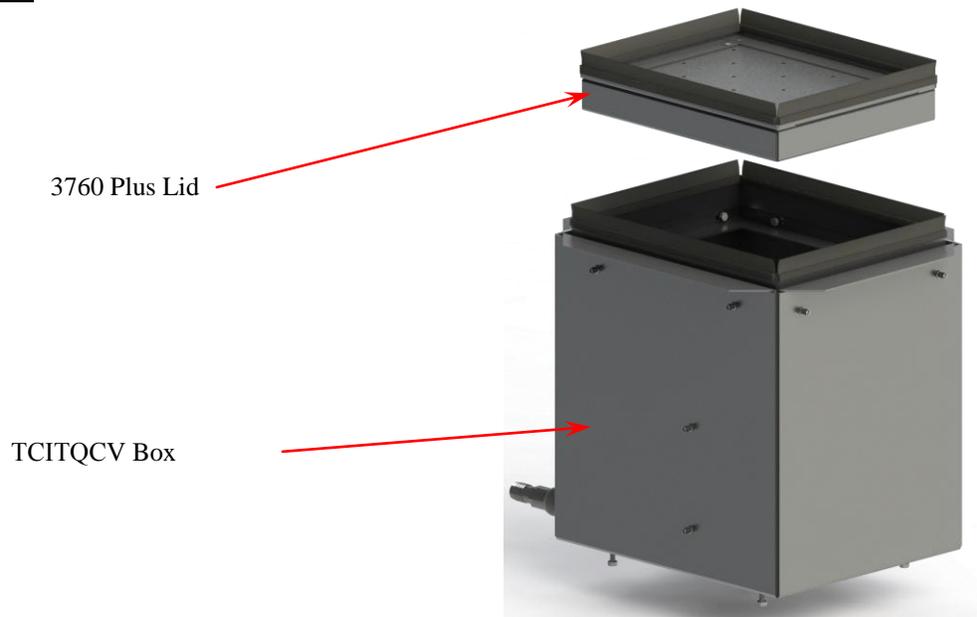


## **TurfCool® Installation Instructions for Synthetic Field Applications**

### **For Model #TCITQCV TurfCool® Quick Connect Valve Box**

#### **Components**

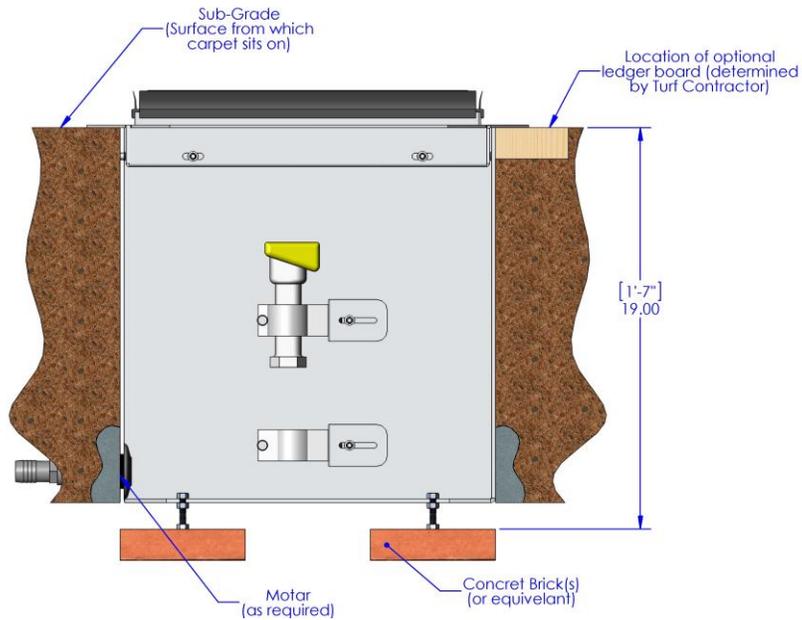


#### **TCITQCV Components**

#### **Placement**

1. Remove the lid from box assembly and set aside in a secure location.
2. Establish the location of the Quick Connect Valve per plans and/or specifications. Excavate a pit approximately 19" deep for the box surrounding the valve. Excavate drainage connections adjacent to the pit if drainage connections to the box if required.

- Set the elevation of (4) concrete bricks 19” from the top side of the (4) bricks to the final grade taking into consideration the side to side location of the adjuster bolts located on the bottom side of the box (See **Diagram 1**).



**Diagram 1**  
TCITQCV Elevation Detail.

- Secure the brick’s finalized location(s) with patties of stiff mortar (or equivalent).
- Prior to setting the box into its location, determine if drainage is required. If drainage is required, the following step must be completed prior to setting the box. Locate the PVC bulkhead fitting threaded into the side of the box. During shipping, the nipple on the bulkhead fitting is oriented in “Shipping Mode” to prevent damage (See **Diagram 2**). Unthread the bulkhead fitting, reverse orientation, and secure the fitting back into position with the nipple oriented to the outside of the box. Remove the red vinyl plug and discard. Disregard this entire step if drainage is **NOT** required.



**Diagram 2**  
Typical Bulkhead fitting detail.

6. Orient box with the mating drainage connection and place the box onto the concrete bricks. Adjust elevation and levelness using adjuster bolts located on the bottom side of the box. The correct elevation is determined by the top side of the horizontal angles to be flush with the stone grade (See [Diagram 1](#)). Secure bolts to hold final adjustments. Connect drainage (if required).
7. Place mortar around the outside and inside corners of the box for stability. Be sure to cover the adjuster bolt hardware with mortar to insure the permanent position of the box. The entire box does not need to be encased in concrete however it is recommended that a small amount of concrete be placed around the lower perimeter portion of the box to help maintain strength, placement and rigidity. Please consult your plans/specifications for final details.
8. Firmly secure the valve body into the supplied pipe clamps inside the box adjusting the mounting brackets where required. Once adjustments are completed, verify all fasteners are tightened.
9. Prior to backfill, you may add additional surface area for anchor points for the synthetic turf carpet by adding optional 2 x 4 ledger boards screwed into position under the external aluminum lips. Please consult the turf contractor/plans/specifications if this additional step is required (See [Diagram 1](#)).
10. Backfill and tamp.

## **Turf Installation**

1. **Important Note:** Do not remove the black gasket! It has been permanently epoxied into position during manufacturing. Removal of the black gasket may result in permanent damage to the black gasket material rendering it un-repairable.
2. Butt the field side trimmed edge of the synthetic turf carpet to the black gasket. Fasten carpet edge per turf manufacturer's specifications.
3. Cut matching artificial turf to the exact geometric pattern of the 3760 Plus Lid and adhere carpet per specifications.
4. Install lid into box. TCITQCV installation complete.

## **Important Contractors Note**

1. The TCITQCV is not watertight therefore drainage provisions have been provided. If your TCITQCV surrounds a potable connection, please consult the contractor/plans/specifications for any additional details that may be required to maintain a potable site.

## **User Instructions**

1. To tap into the quick connect valve, remove lid and place to the side (maintain lid level to prevent infill from spilling).
2. Connect hose to quick connect valve per valve manufactures instructions.
3. When supply hose use is no longer required, simple reverse procedure.

## **REPLACEMENT PARTS**

Contact Sportsfield Specialties Customer Service at 1-888-975-3343 for replacement hardware.



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