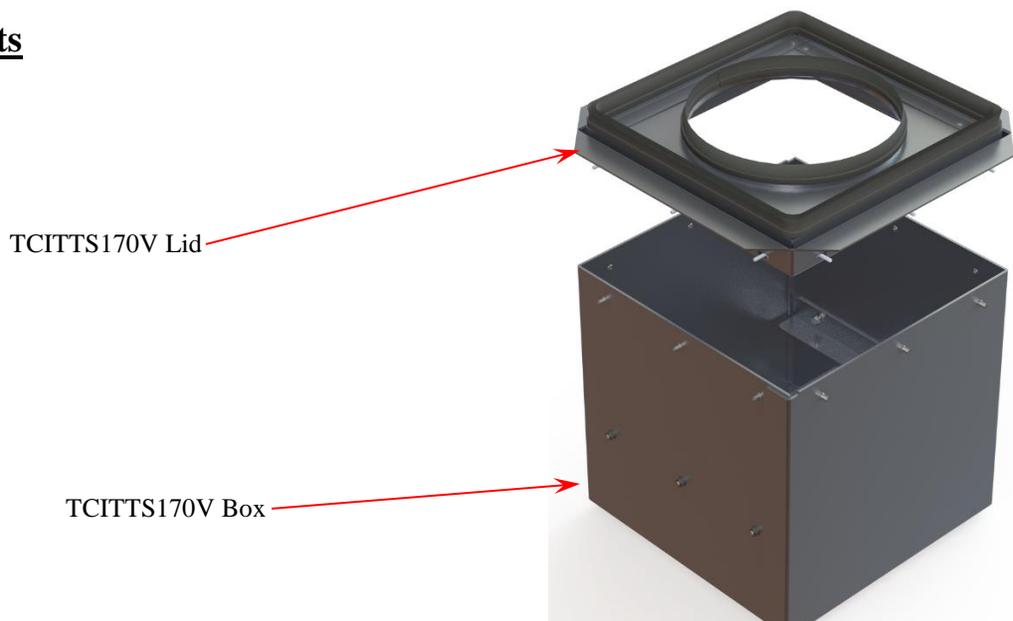




TurfCool® Installation Instructions for Synthetic Field Applications

For Model #TCITTS170V TurfCool®
Sprinkler Box

Components



TCITTS170V Components

Placement

1. Remove the lid from box assembly and set aside in a secure location.
2. Establish the location of the Toro® 170V Rotary Sprinkler per plans and/or specifications. Excavate a pit surrounding the sprinkler approximately 24" deep and about 2' wider than the box.

- Set the elevation of (4) concrete bricks 24" 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](#)).

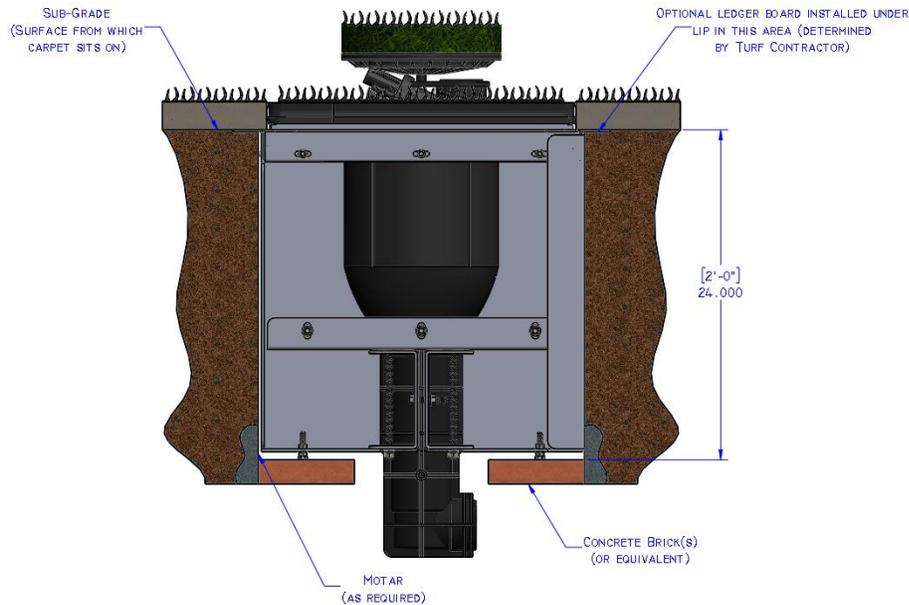


Diagram 1

TCITTS170V Elevation Detail.

- Secure the brick's finalized location(s) with patties of stiff mortar (or equivalent).
- 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.
- 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.
- Firmly secure the sprinkler body into the supplied pipe clamps inside the box adjusting the mounting brackets where required. Once adjustments are completed, verify all fasteners are tightened.
- 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](#)).

9. Backfill and tamp per plans/specifications.

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 Toro® Series 170V round lid and the TCITTS170V lid. Adhere carpet per specifications.
4. Install lid into box. TCITTS170V installation complete.

Important Contractors Note

1. The TCITTS170V is not watertight therefore any drainage provisions should be provided per plans/specifications of the local civil engineer's drawings.

REPLACEMENT PARTS

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



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