

S-TIF AS Series

65 Installation

Parts List

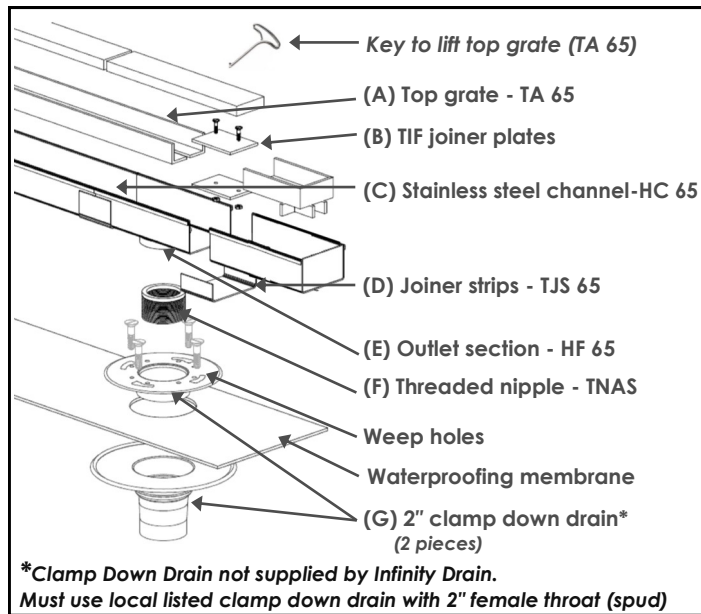


Figure 1

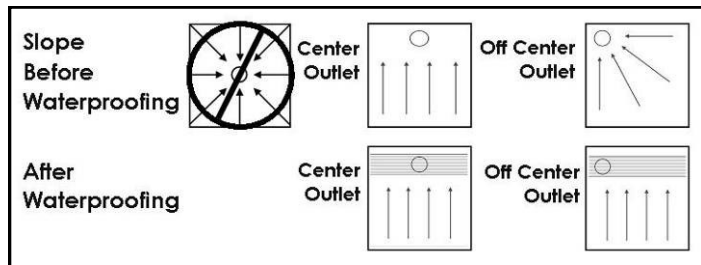


Figure 2

Our linear drains are designed to achieve high flow and have a channel with a neutral pitch, meaning 100% level. This allows you to locate the outlet anywhere on the channel. The water will drain when in the channel and create a siphon until it is drained. There will be a few drops remaining in the channel. The exception would be for a miter installation than it would be necessary to pitch the non-outlet channel towards the outlet channel.

Determining floor height

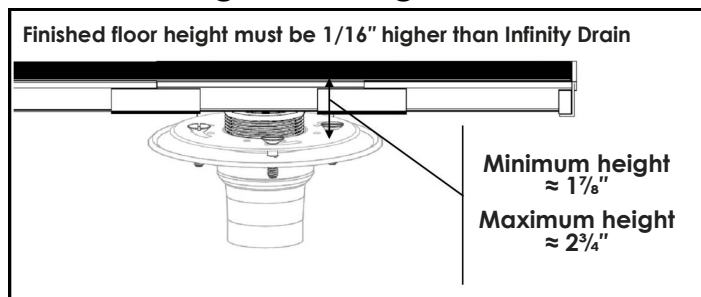


Figure 3

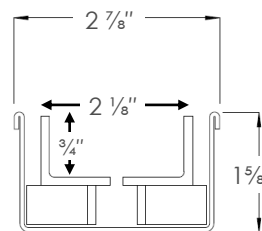
Clamp down drain not supplied by Infinity Drain

1. Determine drain location.
2. Set height with threaded nipple (F) into clamp down drain* (G) and roughly estimate desired height. *Note: Product is designed to achieve high flow with no channel pitch. (*clamp down drain not supplied by Infinity Drain. Must use local listed clamp down drain with 2" female throat (spud).)*
3. Position the outlet section (E) into the threaded nipple (F).
4. Cut channel (C) where outlet (E) is to be adapted to the channel. *Note: The AS 65 Series is site sizeable. For smaller lengths, cut channel to size desired. Note: Outlet (E) is 8" ± 1/4". To cut channel use a hacksaw with a 32 teeth blade band saw or shop saw. Ensure cut is square. Gently file back rough edges.*
5. Lay out components to determine fit on a flat surfaced area, including the grates.
6. Test join channel (C) with outlet (E) using joiner strips (D). Also insert grates to ensure fit. Recheck height, length and outlet position.
7. Once correct, clean all parts with denatured alcohol, then use construction sealant, Sikaflex 1a, provided by Infinity Drain. Apply Sikaflex to all joining parts and re-assemble for final installation. Wipe off excess Sikaflex with denatured alcohol if needed. Let dry overnight.
8. Once assembled, confirm height by turning threaded nipple (G).
9. Create mortar bed the length of the channel, to support the channel when leveling. Apply a bead of Sikaflex around outlet (E) before inserting into threaded nipple (F) to create a seal.
10. If tile insert frame (A) needs to be shortened, cut a 4" section from one end with a 32 teeth hack saw, shop saw or band saw and set aside. Now, cut from the long section of the tile insert frame (A) at the open end to desired length minus the 4", then reattach the 4" end section with the TIF joiner plates (B) and tighten the two screws.
11. Before installing tile inside the TA 65 grate, use a thick mortar mix inside grate, allowing space for tile's thickness and thinset. Allow mortar to dry overnight. Once dry, apply thinset and tile. Tile should finish off a maximum 1/16" above grate's edge.
12. Use a silicone seal around outer edge of the channel before tiling.
13. Finished floor must be 1/16" above channel edge.
14. Allow to set for 36 hours before using.

NOTE: The 80" and 96" kits are provide with 2 (HF65) outlet sections and 2 (TNAS) threaded nipples.

- A) If only using 1 (HF 65) outlet section and (TNAS), threaded nipple, cut the (HC) channel where the (HF 65) outlet is to be located.
- B) If using the 2 (HF 65) outlet sections, you will need to cut off an additional piece from the (HC 65) channel, to accommodate the additional (HF 65) outlet section. Cut a maximum of 7 7/8" piece. Measure all parts prior to cutting to assure the grate's fit.

Infinity Drain recommends this product be installed by a licensed contractor.



TIF AS 65

Figure 4

(overall dimensions includes channel)