

# S-DG Series

## 38 Installation

### Parts List

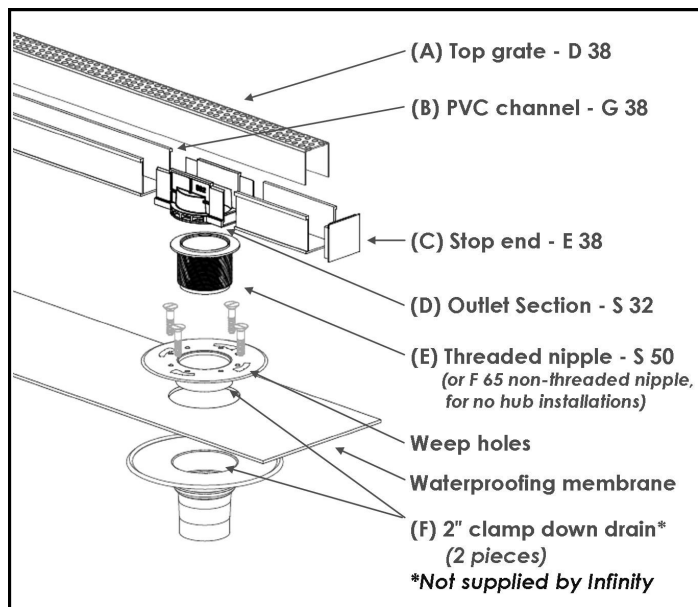


Figure 1

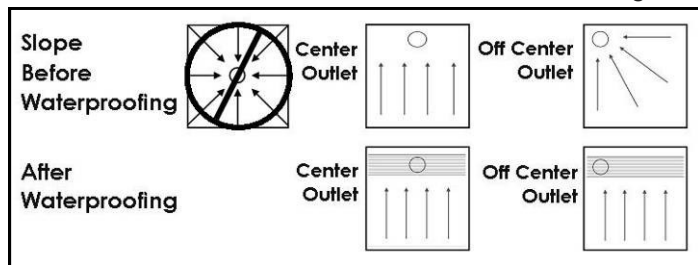


Figure 2

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. The exception would be for a miter installation then it would be necessary to pitch the non-outlet channel towards the outlet channel.

### Determining floor height

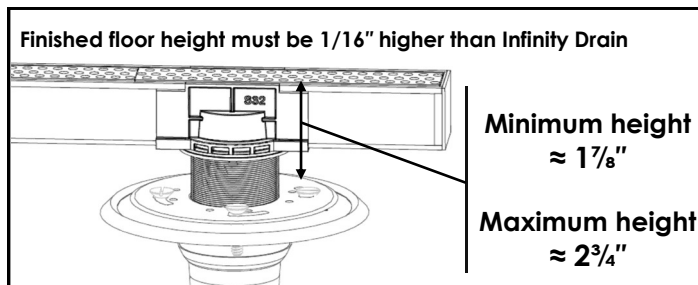
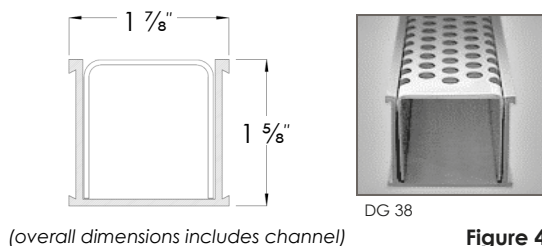


Figure 3

Clamp down drain is not supplied by Infinity Drain

1. Determine drain location.
2. Set threaded nipple **(E)** into clamp down drain\* **(F)** and roughly estimate desired height. Note: Product is designed to achieve high flow with no channel pitch. **(DO NOT AFFIX PART E TO D UNTIL STEP #8)** (If a no hub installation, **(E)** will have no threads (F 65) part.) (\*clamp down drain not supplied by Infinity Drain. Must use local listed clamp down drain with 2\" female throat (spud).)
3. Cut channel to size **(B)** less 2 <sup>7</sup>/<sub>16</sub>\" for outlet **(D)**. When measuring overall channel length, allow 3/16\" for both stop ends **(C)** and less wall tile thickness.
4. Affix the stop ends **(C)** to the channel **(B)** and insert channel into outlet **(D)** ends. Use clear PVC primer solvent and cement to ensure a tight fit with no gaps. Take care, as this is a permanent adhesion and cannot be removed without damaging the assembled pieces.
5. Cut the grate **(A)** to size (if necessary) using a hack-saw, with a 32 teeth blade. Ensure cut is square. Gently file back rough edges. Note: Cut grate 1/4\" shorter than inside dimension of channel to ensure easy removal for cleaning.
6. Once assembled, confirm height, (as instructed on Step #2). Finished floor must be 1/16\" higher than Infinity Drain.
7. Create a bed of mortar the length of the channel, on the waterproofing membrane to support the underside of the channel when leveling.
8. Affix the outlet **(D)** to the topside of the threaded nipple **(E)** with clear PVC primer solvent and cement. Ensure a tight fit into outlet **(D)** with no gaps. Ensure channel is leveled.
9. Ensure grate remains in channel during mortar application and tiling to prevent channel from flexing. Please take measures to protect the stainless steel grate when applying thin set and/or grout in channel area.
10. Use a silicone seal between the outer edges of the channel before tiling.
11. Use a mix of 50% clear PVC cement and 50% dry grout to cover visible edge of the channel, and apply immediately. PVC primer solvent should be used on the channel edges before applying PVC/grout mix.
12. Allow to set for 36 hours before using.

Infinity Drain recommends this product be installed by a licensed contractor



(overall dimensions includes channel)

Figure 4