

AG Series

38 Installation

Parts List

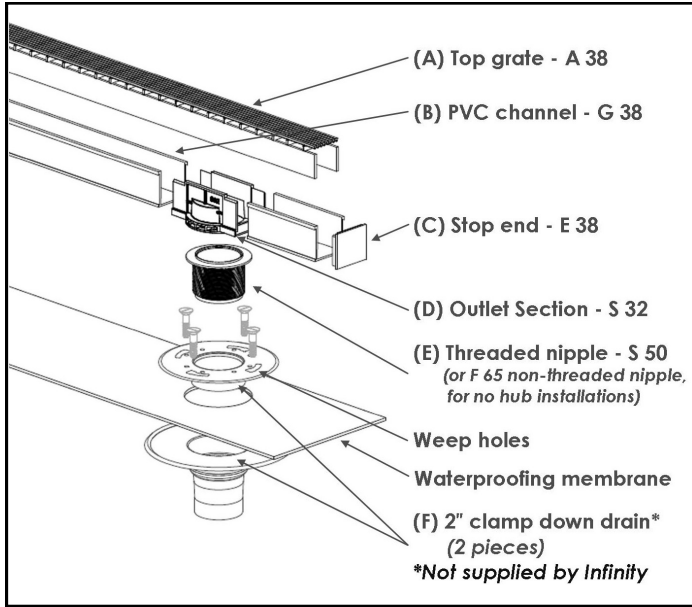


Figure 1

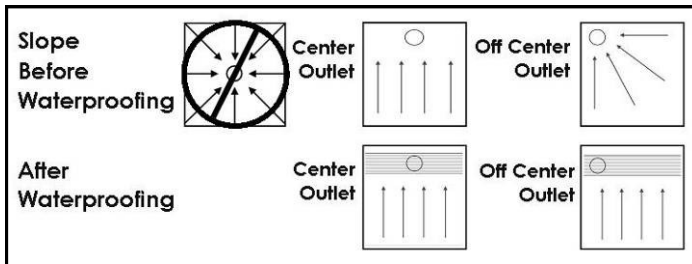


Figure 2

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

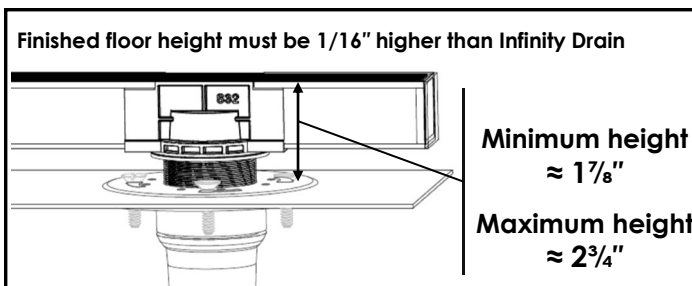
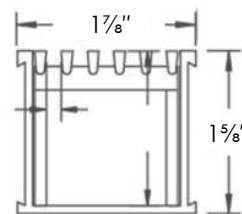


Figure 3

Clamp down drain is not supplied by Infinity Drain

- Determine drain location.
- 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).)
- Cut channel to size **(B)** less 2 7/16" for outlet **(D)**. When measuring overall channel length, allow 3/16" for both stop ends **(C)** and less wall tile thickness.
- 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.
- 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.
- Once assembled, confirm height, (as instructed on Step #2). Finished floor must be 1/16" higher than Infinity Drain.
- Create a bed of mortar the length of the channel, on the waterproofing membrane to support the underside of the channel when leveling.
- Affix the outlet **(D)** to the top side 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.
- 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.
- Use a silicone seal between the outer edges of the channel before tiling.
- 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.
- Allow to set for 36 hours before using.

Infinity Drain recommends this product be installed by a licensed contractor



(overall dimensions includes channel)



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Figure 4