

F5000/FREESIA

NEW CONSTRUCTION INSTALLATION WATERFREE URINAL

BEFORE STARTING INSTALLATION

- Check rough-in height to achieve 24" rim height (17" rim height for ADA).
- Check slope. Downhill slope, per code, is essential because waterfree urinals require gravity flow for drainage.
- Check DWV material. Suitable materials include cast iron, PVC, ABS, and galvanized steel.
- **Never install on copper DWV due to copper's susceptibility to corrosion.**

TUBE CUTTING CHART

- Measure drain nipple depth (in inches) to find trim length (in inches)
- 13 7/8" or more **DO NOT CUT TUBE**
- 3 3/4" or less **DO NOT USE TUBE**

OR LESS	TRIM	OR LESS	TRIM	OR LESS	TRIM
13 3/4"	1/4"	10 1/4"	3 3/4"	6 3/4"	7 1/4"
13 1/2"	1/2"	10	4	6 1/2"	7 1/2"
13 1/4"	3/4"	9 3/4"	4 1/4"	6 1/4"	7 3/4"
13	1	9 1/2"	4 1/2"	6	8
12 3/4"	1 1/4"	9 1/4"	4 3/4"	5 3/4"	8 1/4"
12 1/2"	1 1/2"	9	5	5 1/2"	8 1/2"
12 1/4"	1 3/4"	8 3/4"	5 1/4"	5 1/4"	8 3/4"
12	2	8 1/2"	5 1/2"	5	9
11 3/4"	2 1/4"	8 1/4"	5 3/4"	4 3/4"	9 1/4"
11 1/2"	2 1/2"	8	6	4 1/2"	9 1/2"
11 1/4"	2 3/4"	7 3/4"	6 1/4"	4 1/4"	9 3/4"
11	3	7 1/2"	6 1/2"	4	10
10 3/4"	3 1/4"	7 1/4"	6 3/4"		
10 1/2"	3 1/2"	7	7		

The information in this document is subject to change without notice.
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CAUTION After removing any urinal from the drain line, it's normal for certain naturally occurring but **potentially hazardous sewer gases** to escape through the opening until the waterless cartridge is installed properly into the waterless urinal. If you need to leave an open drain line unattended after removing the urinal from the wall, temporarily wedge paper towels or a rag into the drain hole to reduce any outflow of sewer gases, and remove the paper towels or rag prior to completing the urinal or cartridge installation. **Never smoke, have an open flame, or place your nose or mouth near open drain lines or waterless urinal housings into which a cartridge is not yet properly installed.** You also can wear a breathing mask when removing or installing any waterless urinal or cartridge to reduce potential exposure to any such gases.

