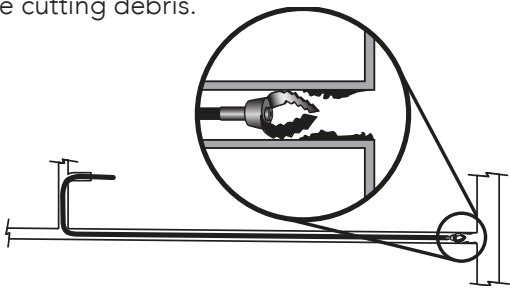


## IMPORTANT INSTALLATION INFORMATION

### WE HIGHLY RECOMMEND CLEANING DRAIN PIPES PRIOR TO INSTALLATION!

- It is crucial that waterfree urinals be installed on clean drain pipes, free of obstructions and mineral buildup.
- Clean 25-35 feet deep, to the main stack if possible.
- Thoroughly flush the drain lines with water to remove cutting debris.



- Drain pipes should also have proper slope, to allow complete drainage of liquid through the piping system after each use.
- As with any other gravity drainage system, standing liquid left in the piping system due to obstructions, mineral buildup or improperly sloped pipes, could result in future clogs.

### RECOMMENDED EQUIPMENT, CABLES AND CUTTERS

- Floor model drain machine with 75' of 3/8" cable, drop head fitting and 2" pipe side cutter blades.
- Larger cables and cutters are preferred to remove mineral buildup in 2" piping, but tight turns in drain lines may prevent their use in some cases.
- In case of severe buildup, smaller cables and cutters may need to be used first, to open up the drain lines before moving on to larger cables and cutters.

### CAUTION!

- **OVERAGGRESSIVE CLEANING:** As with any other drain cleaning procedure, care must be taken not to cause damage to fragile piping systems.
- **EVERY DRAIN CLEANING OPERATION IS UNIQUE;** therefore it is up to the technician performing the job to choose the proper equipment.



PHOTO	CUTTER	APPLICATIONS	CABLE
	DOWN HEAD FITTING	Guides cutter down the waste (not up stack)	5/16" 3/8"
	FLEXIBLE SPRING ARROW HEAD	Flex starting drill for sharp turns	5/16" 3/8"
	ARROW HEAD	Starting drill (gets water flowing)	5/16" 3/8" +
	BORING GIMLET	Removes clogs and objects	5/16" 3/8"
	1-1/4" PIPE SLIDE CUTTER BLADES	For cutting and scraping	5/16" 3/8"
	1-1/2" PIPE SLIDE CUTTER BLADES	For cutting and scraping	3/8" +
	2" PIPE SIDE CUTTER BLADES	For cutting and scraping	3/8" +
	2" PIPE U-CUTTER	For cutting and scraping	3/8" +