

## WATERLESS URINAL SITE ASSESSMENT

### IDENTIFY CRITICAL INFORMATION

- Identify if facility has LEED/Green Expert.
- Identify current urinal gallons per flush.
- Look for leaking flush valves or other issues (e.g., odor).
- Obtain critical measurements to determine the appropriate Falcon Waterfree® urinal to cover the footprint of the existing urinals and the correct height for installation.
  - Drain and lip height of existing urinal.
  - Width and height of existing urinal.
- If drain height adjustment is required, assess wall condition to determine need for repairs.

### ASSESS DWV SYSTEM

- Assess in-wall plumbing to verify code compliance for downhill slope, venting and DWV material. Waterfree urinals are suitable for installation on all DWV except copper.
- Confirm that copper is not being used for any portion of the DWV system associated with the waterless urinal.

### RESEARCH & PROVIDE SAVINGS ANALYSIS

- Research water / sewage rate for facility.
- Provide cost savings analysis to a facility manager with mutually agreed upon assumptions, such as the number of users and operating days per year.

## PREPARATION AND INSTALLATION

### DRAIN LINE PREPARATION

- Waterfree urinals must be installed on clean drain pipes that are free of obstructions and mineral build up. Pre-installation drain line cleaning reference sheet is available at [www.FalconWaterfree.com](http://www.FalconWaterfree.com).
- Confirm that copper is not being used for any portion of the DWV system associated with the waterless urinal.
- Drain pipes must have proper slope to allow complete drainage of liquid through the piping system after each use.

### INSTALLATION OF URINAL

- Full weight of the urinal should be supported by the uni-bracket, never on the tall pipe of the urinal housing.
- Install urinal in accordance with manufacturer's instructions for optimal performance. Review of installation video at [www.FalconWaterfree.com](http://www.FalconWaterfree.com) and in-box instructions is highly recommended.

## ONGOING CUSTODIAL CARE OF URINAL

### PURCHASE THE PROPER SUPPLIES

- Order foam housing cleaner and urinal brush to facilitate easier cleaning.

### ENSURE PROPER MAINTENANCE

- Custodians should watch the online maintenance video for training. One sheet custodial aid on the proper care of urinals should be provided to custodial staff for reference and placed in janitorial closets, available at [www.FalconWaterfree.com](http://www.FalconWaterfree.com).
- During cartridge change out-procedure, it is vital to flush the system with 3-5 gallons of water when the cartridge is removed from the urinal.
- Prime the new cartridge with water prior to pouring sealant into the cartridge, per cartridge change instructions.