

# Flushing Device for Urinals

Sensor Activated Flushing Valve

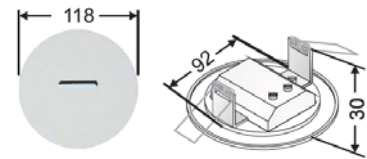
## Slab Urinal Flushing

The Sanitron UAF-04 is a ceiling sensor activated electronic urinal flush valve and is suitable for flushing slab urinals with tube spreaders. The Flush valve kit includes one ceiling sensor, one flush valve, one controller module, connection cables and one 12V DC transformer. Depending on the water supply conditions, flow rate requirements or length of urinal additional SV-6.1 flush valves or Flush Valve Kits can be added (see technical details). The flush valve can be operated directly off the mains water supply. The detection area of the ceiling mounted sensor is very defined and detects persons only in the immediate vicinity along the face of the urinal. This feature enhances water conservation due to more precise detection. After detection a flush cycle is automatically activated. Activating a flush cycle does not mean that the urinal is immediately flushed. The time-delay until flushing is fully adjustable between 1 to 20 minutes. During the flush-delay period additional users will not trigger new flush cycles, a feature which enhances water conservation benefits.

<b>Models:</b>	SPPL-FD-USFV
SPPL	Standard Product Plumbing
FD	Flushing Device
USFV	Urinal Sensor Flush Valve

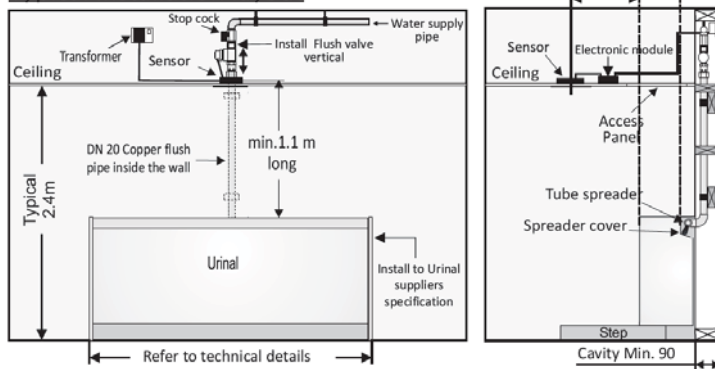
### Ceiling sensor

The ceiling sensor incorporates self adjusting Quad PIR detection technology for more precise detection and triggering. It inserts into the ceiling like a down-light. The detection range is about to 4m in width, but can be restricted to a shorter range on either side if required.

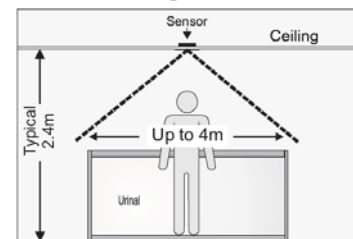


A= 450mm from the outer edge of the spreader cover for urinals with integrated step  
B= 100mm from the outer edge of the side wall for urinals without integrated step

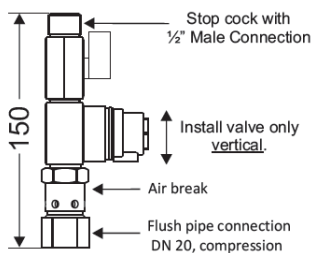
### Typical installation layout



### Sensor coverage



## Flush valve SV-6.1 details



Max. pressure: 500 kPa  
Max. operating pressure to AS/NZS 3500.1: 500 kPa  
Min. connection pipe size: DN 20 (Copper)

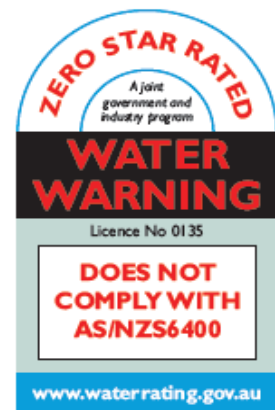
### SV-6.1 Flow rate chart

Dynamic Pressure (kPa)	100	200	300	400	500
Flow rate (L/min)	14.02	20.20	24.72	28.65	32.09

Note: Pipe work to the valve fixtures must be sized and installed to water service rules and regulations (AS/NZS 3500.1 and local regulations) and simultaneous demand requirements. The flush valve is designed to be operated of a water supply equivalent to potable water standards.

## Features and Benefits

- **Water saving** - Flushing can be delayed for up to 20 min. after a user has been detected. During the delay period multiple users will not trigger multiple flushes.
- **Easy to install** - the supplied cables include fitted plugs for quick installation. The Flush Kit is supplied with transformer and air-break.
- **Superior sensor technology** - Detects users only in the immediate vicinity along the face of the urinal, therefore greatly reducing false flushing.
- **Easy to adjust** - Flush times and flush delay times can be easily adjusted at time of installation or later.
- **Janitors flush** - Triggers an automatic hygiene flush after 48hrs. of non use.
- **Adaptability** - Additional flush valves can be added to suit the requirement of the urinal.



Due to continuous product research and development, the information contained herein is subject to change without notification.