

# Eclipse 9400

Permanent Automatic Flushing Station for Any Climate

## Why Automatic Flushing?

- Keep your dead end water fresh and safe for consumption
- Save time and labor by eliminating the need for manual flushing
- Save water by flushing at lower volumes than hydrants

## Product Details:

- Permanent 2" Automatic Flushing Station (1" also available)
- Housed in UV-resistant enclosure
- Discharges to surface - ideal for more remote areas
- Adjustable flow rates from roughly 40-200 GPM (site/pressure dependent)
- Digital programmable controller (standard) or bluetooth controller (optional)
- Program up to 12 flush cycles per day and up to 6 hours per flush
- Fully serviceable from above ground



Kupferle | 800-231-3990 | [hydrants.com](http://hydrants.com)





**Digital  
Controller**



**Bluetooth  
Controller**

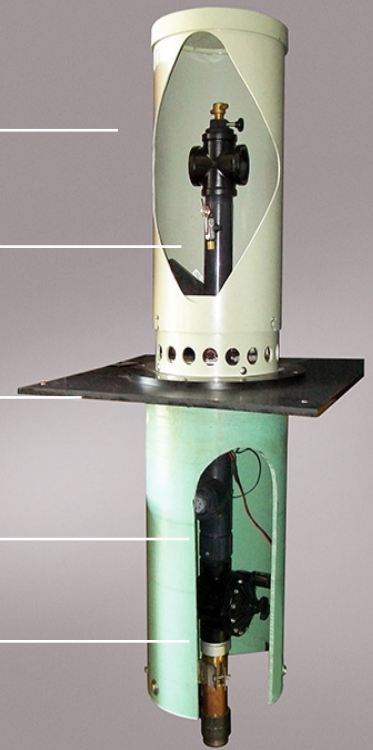
**Adjustable Flow  
Control**

**Stainless Steel  
Sampling Bibb**

**Diffusion/Splash  
Plate**

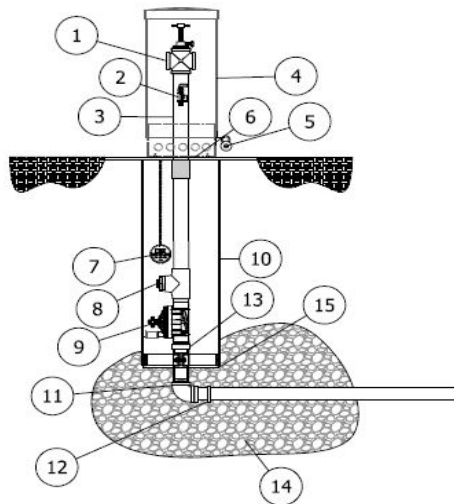
**Spring-Loaded  
Drain**

**2" Solenoid  
Operated Valve**



## #9400 AUTOMATIC FLUSHING DEVICE

#9400 Automatic Flushing device shall be installed in the following locations:

ITEM	ITEM / DESCRIPTION	OPTIONAL	BY OTHERS
1	2" WATER FLOW RESTRICTOR		
2	SAMPLING POINT		
3	2" PVC PIPE		
4	UV RESISTANT LOCKABLE DOME ENCLOSURE		
5	LOCKING POINT		
6	REMOVABLE ACCESS PLATE		
7	CONTROLLER		
8	AUTOMATIC DRAIN		
9	2" AUTOMATIC VALVE		
10	SDR 35 SEWER PIPE		
11	2" SS MIP INLET	X	X
12	2" MIP x COMPRESSION ADAPTER		X
13	O-RING CONNECTOR		
14	1" CLEAN ROCK		X
15	DEBRIS PLATE		

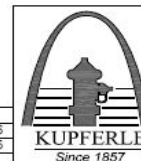
Automatic flushing device shall have a 2" Stainless Steel MIP inlet, that will lead vertically to the bottom into a 2" automatic flushing valve. The flushing valve shall control the flow of water through the hydrant and its diaphragm with the extension and retraction of a DC latching solenoid and have a 220 PSI rating. Each unit shall be furnished with a stand-alone valve controller. Valve controller will not require a second hand-held device for programming. Controller must have minimum of 12 possible flushing cycles per day. Shall be submersible to 12 feet, operate with a 9 volt battery and have resin-seated electrical components. Solenoid shall have no loose parts when removed from valve. Removal of 2" solenoid valve shall be possible via an o-ring connector located under the valve after removal of stainless steel access plate. Valve assembly shall be contained within a UV-resistant locking cover.

Unit model # shall be 9400 as manufactured by Kupferle Foundry Company. Model #9400 St. Louis, MO. 1-800-231-3990, or approved equal.

**NOTE: Flush water lines free of debris before installation**

DATE	STATUS / REVISION	

SHEET OF	SCALE: 1/2"=1'	DRAWN	INITIALS	DATE
#9400 SPEC SHEET		APPROVED	SMS	10/4/16
		MODIFIED	DCL	10/4/16



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