

Fully Serviceable  
from above  
ground



Approved GPR Program

# Eclipse #9400 Automatic Flushing Station



See Product Video at:  
[www.hydrants.com](http://www.hydrants.com)



Surface  
Discharge

Lockable UV Resistant Cover

Above Grade Flow Adjuster

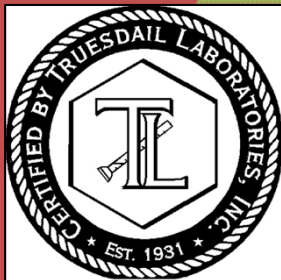
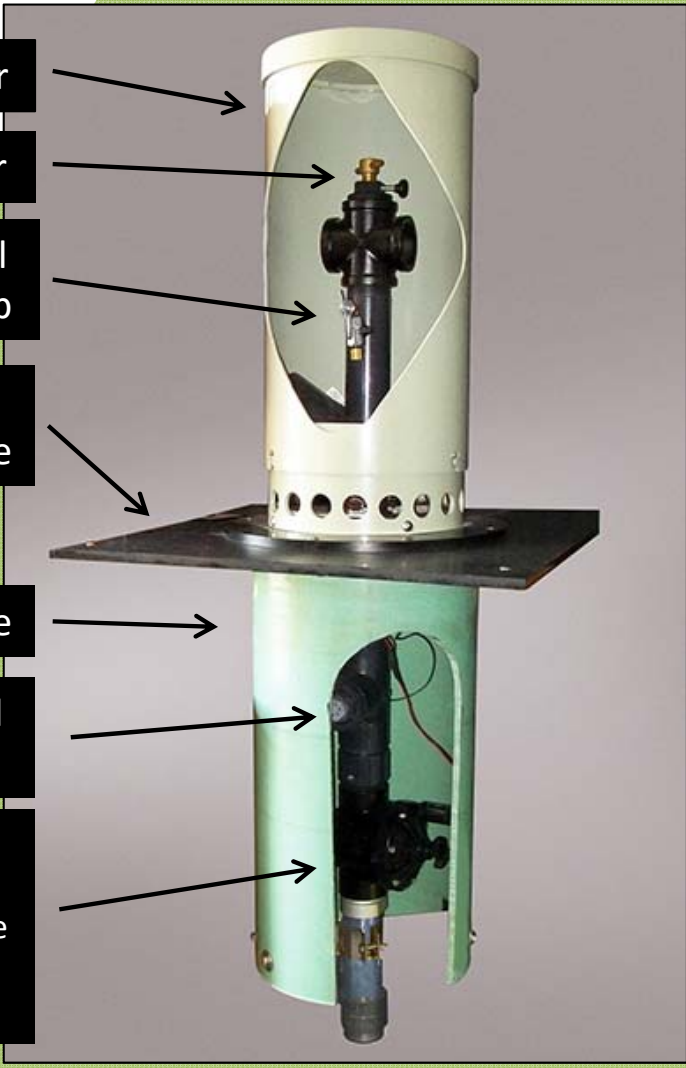
Stainless Steel  
Sampling Bibb

UV Resistant  
Diffusion Plate

PVC Enclosure

Spring-Loaded  
Drain

2" Solenoid-  
Operated  
Diaphragm Valve  
Flushes Up To  
200 gpm



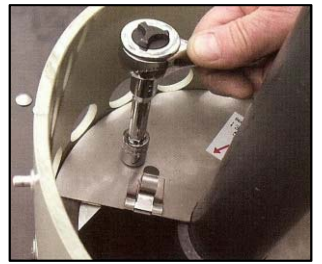
[www.youtube.com/kupferle1857](http://www.youtube.com/kupferle1857)

Controller operates  
on 9-volt battery (2)  
and can run up to 12  
cycles / 6 hours per  
cycle



**800-231-3990**

[www.hydrants.com](http://www.hydrants.com)



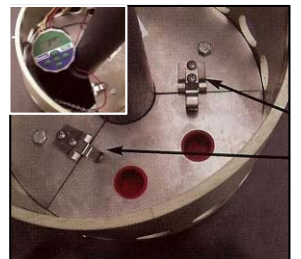
For maintenance, remove screws in access plate



Pull up inner piping



Entire valve assembly slides out!



To access controller, unscrew and remove small plate

## #9400 AUTOMATIC FLUSHING DEVICE

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

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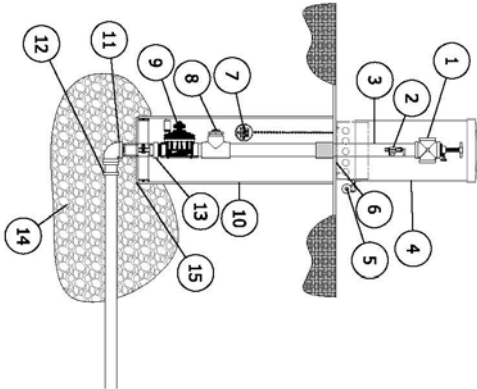
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ITEM	ITEM / DESCRIPTION	OPTIONAL BY OTHERS
1	2" WATER FLOW RESTRICTOR	
2	SAMPLING POINT	
3	2" PVC PIPE	
4	UV RESISTANT LOCKABLE DOME ENCLOSURE	
5	LOCKING POINT	
6	REMOVABLE ACCESS PLATE	
7	CONTROLLER	
8	AUTOMATIC DRAIN	
9	2" AUTOMATIC VALVE	
10	SDR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

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-sealed 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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