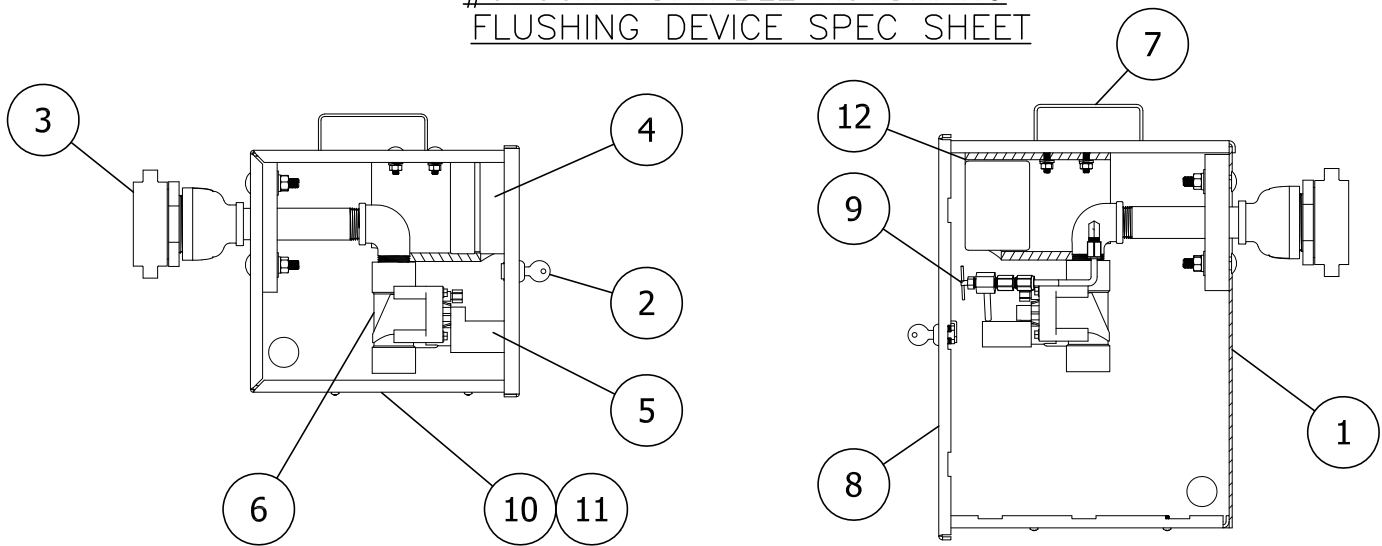


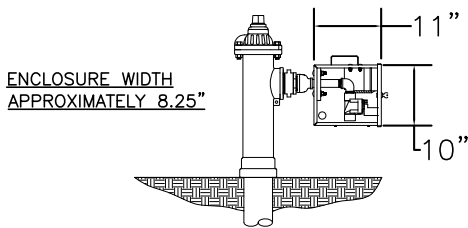
#9700A PORTABLE AUTOMATIC FLUSHING DEVICE SPEC SHEET



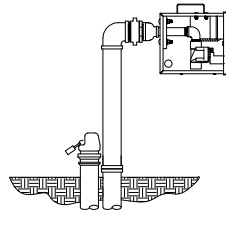
NOTE 1

1 STANDARD FLUSHER
Scale: 1-1/2"=1'-0"

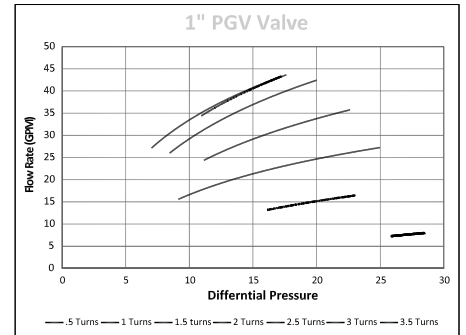
2 FLUSHER WITH SAMPLING
Scale: 1-1/2"=1'-0"



A #2 POST HYDRANT
Scale: 3/8"=1'-0"



B #77 BLOW-OFF
Scale: 3/8"=1'-0"



A 2-1/2" NST Swivel connection shall lead into a 1" 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 150 PSI rating. Each unit shall be furnished with a stand-alone valve controller. The valve controller will not require a second hand-held device for programming. Controller must have minimum of 12 possible flushing cycles per day. Controller shall be submersible to 12 feet, and operate with a 9 volt battery, and have resin-sealed electrical components. The solenoid shall have no loose parts when removed from the valve.

All components shall be housed in a lockable powder coated (RED or YELLOW) aluminum enclosure, with 1/2" perforations in the floor to diffuse flushing water.

A removable floor plate shall allow access to a 1" FIP outlet if needed.

Optional collar lock shall cover the 2-1/2" swivel to prevent any tampering with the device.

Optional diffuser shall be available and able to installed thru remoable access plate to allow directions flow of flushed water.

Unit model # shall be 9700A as manufactured by Kupferle Water Solutions, St. Louis MO, or approved equal.

ITEM	ITEM / DESCRIPTION	NOTES
1	POWDER COATED ALUMINUM ENCLOSURE	
2	KEY & LOCK	
3	2-1/2" BRASS SWIVEL	
4	VALVE CONTROLLER	
5	DC LATCHING SOLENOID	
6	1" PGV VALVE	
7	HANDLE	
8	ACCESS DOOR	
9	SAMPLING VALVE	OPTIONAL
10	WATER DIFFUSER FLOOR	NOT SHOWN
11	REMOVABLE PLATE	NOT SHOWN
12	STANDARD CONTROLLER HOLDER	

#9700A AUTOMATIC FLUSHING DEVICE TO BE INSTALLED AT THE FOLLOWING LOCATIONS:

NOTES:

1.) KUPFERLE ONLY OFFERS THE 1" FLUSHER WITH SAMPLING IN THE LARGER ENCLOSURE STYLE.

DATE	STATUS / REVISION
07/17/23	INLET CHANGE E00064
12/01/15	ISSUED FOR REFERENCE

DRAWN
BAM
APPROVED
DCL
DATE
12/01/15
SCALE
VARIES



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