



Kupferle Videos

Eclipse #9497A / #9497B

Meter Pit Automatic Flushing Station

PVC Flushing Riser
(not included)

1" Solenoid-
Operated
Diaphragm Valve
Flushes Up To
65 gpm



**Model #9497A
Setter**



**Model #9497B
Resetter**



Resets into an
Existing Meter
Setter



Surface
Discharge



Fits inside
Meter Pit



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



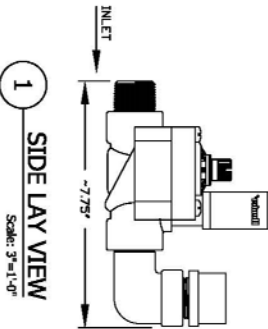
#9497-A SETTER PORTABLE
AUTO-FLUSHER SPEC SHEET

PORTABLE FLUSHING STATION SHALL BE REMOVABLE WITH INLET THREADS CAPABLE OF BEING USED ON ANY STANDARD 3/4" OR 3/4"x3/8" METER SETTER SAMPLING STATION. ALL OPERATIONAL PARTS AND WATERWAY SHALL BE PVC OR STAINLESS STEEL.

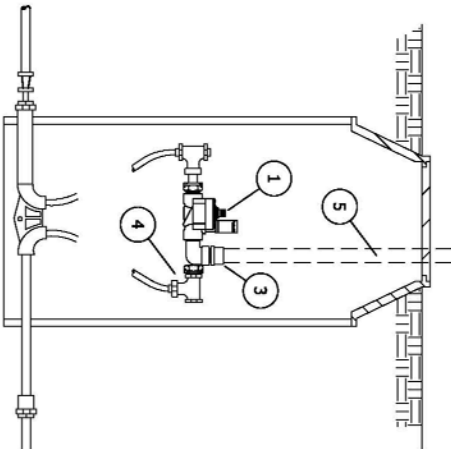
THE FLUSHING VALVE SHALL CONTROL THE FLOW OF WATER THROUGH THE HYDRANT AND ITS DIAPHRAGM WITH THE EXTENSION AND RETRACTION OF A DC LATCHING SOLENOID AND HAVE A 150 PSI RATING. EACH UNIT SHALL BE FURNISHED WITH A STAND-ALONG VALVE CONTROLLER. THE VALVE CONTROLLER SHALL NOT REQUIRE A SECOND HAND-HELD DEVICE FOR PROGRAMMING. CONTROLLER MUST HAVE MINIMUM OF 12 POSSIBLE FLUSHING CYCLES PER DAY. CONTROLLER SHALL BE SUBMERGIBLE TO 12 FEET. OPERATE WITH A 9 VOLT BATTERY, AND HAVE RESIN-SEALED ELECTRICAL COMPONENTS. THE SOLENOID SHALL HAVE NO LOOSE PARTS WHEN REMOVED FROM THE VALVE.

NOTES:

1.) A METER GASKET NEEDS TO BE USED TO PREVENT LEAKING.



1 SIDE LAY VIEW
Scale: 3"=1'-0"



2 INSTALLED VIEW
Scale: 1"=1'-0"

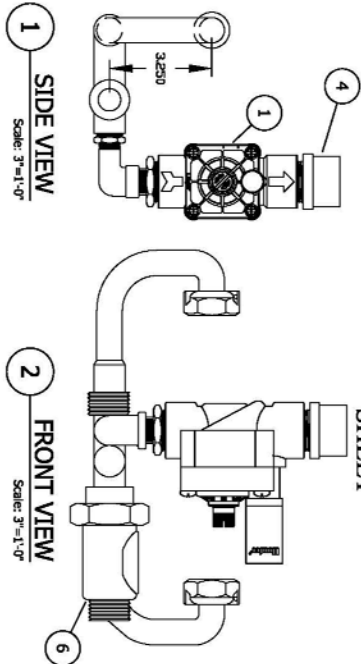
#9497-A SETTER AUTO-FLUSHER TO BE
INSTALLED AT THE FOLLOWING
LOCATIONS:

ITEM	ITEM / DESCRIPTION	NOTES
1	1" AUTOMATIC FLUSHING VALVE	NOT SHOWN
2	CONTROLLER	NOT SHOWN
3	1" FEMALE SOCKET	BY OTHERS
4	1" OR 3/4" SETTER	BY OTHERS
5	COPPER SETTER	BY OTHERS

DRAWN	DCL	APPROVED	DCL
DATE	ISSUED FOR REFERENCE	STATUS / REVISION	SHEET 1 OF 1
#9497-A AUTO-FLUSHER			
2511 NORTH 9TH STREET ST. LOUIS, MO 63102 1-800-231-3990 FAX 314-231-2820 www.hydrants.com			
KUPFERLE Since 1857			

#9497-B RESETTER AUTO-FLUSHER SPEC
SHEET

#9497-B RESETTER
AUTO-FLUSHER TO BE
INSTALLED AT THE
FOLLOWING LOCATION(S):



1 SIDE VIEW
Scale: 3"=1'-0"

2 FRONT VIEW
Scale: 3"=1'-0"

METER RESETTER AUTO-FLUSHER SHALL BE METER BOX RETROFIT STYLE FOR A 5/8" x 3/4" METER, WITH 1" MIP METER THREADED INLET AND OUTLET, BOTH WITH A FACE FOR GASKET SEAL. THE AUTO-FLUSHER VALVE SHALL BE LOCATED BEFORE THE WATER METER AND RESIDENCE.

ALL OPERATIONAL PARTS AND WATERWAY SHALL BE PVC, BRASS, OR STAINLESS STEEL.

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-ALONG VALVE CONTROLLER. THE VALVE CONTROLLER SHALL NOT REQUIRE A SECOND HAND-HELD DEVICE FOR PROGRAMMING. CONTROLLER MUST HAVE MINIMUM OF 12 POSSIBLE FLUSHING CYCLES PER DAY. CONTROLLER SHALL BE SUBMERGIBLE TO 12 FEET. OPERATE WITH A 9 VOLT BATTERY, AND HAVE RESIN-SEALED ELECTRICAL COMPONENTS. THE SOLENOID SHALL HAVE NO LOOSE PARTS WHEN REMOVED FROM THE VALVE.

NOTES:

1. IF USED, A BRASS IDLER MANUFACTURED IN COMPLIANCE WITH ANSI/ASSE 1024 AND COMPLIANT WITH USA PUBLIC LAW 111-380 AND IDENTIFIED WITH "NL".

2. IF USED, A BRASS DUAL CHECK VALVE MANUFACTURED IN COMPLIANCE WITH ANSI/ASSE 1024, CSB CERTIFIED, NSF 61 (ANNEX G) LISTED, CERTIFIED TO NSF/ANSI 372 BY IAPMO R&T.

ITEM	ITEM / DESCRIPTION	NOTES
1	1" AUTOMATIC FLUSHING VALVE	NOT SHOWN
2	CONTROLLER RESETTER BODY	NOT SHOWN
3	1" FEMALE SOCKET	NOT SHOWN
4	BRASS TIE-ROD	NOT SHOWN
5	BRASS DUAL CHECK VALVE	NOT SHOWN
6	BRASS IDLER CHECK VALVE	NOT SHOWN

DRAWN	BAH	APPROVED	DCL
DATE	ISSUED FOR REFERENCE	STATUS / REVISION	SHEET 1 OF 1
#9497-B SAMPLING STATION			
NOTE: USE ONLY APPROVED SEALANTS. HYDRANT SEALANTS MAY CAUSE BRITTLENESS.			
2511 NORTH 9TH STREET ST. LOUIS, MO 63102 1-800-231-3990 FAX 314-231-2820 www.hydrants.com			
KUPFERLE Since 1857			