

Eclipse #88-SS-R Stainless Steel Sampling Station For Extreme Cold Climates

Removable
Piston
Design

- Piston design allows for entire station to be removed from the ground in case of freezing in extreme cold climates
- No drain to prevent cross-contamination
- 1/8" globe valve evacuation petcock to remove standing water after use during freezing seasons (hand pump sold separately)
- All surgical stainless steel waterway
- Lockable cast-aluminum enclosure
- Unthreaded 7/16" blow-off globe flushing/sampling valve
- Vinyl caps on all outlets keep contaminants out and waterway clean
- Easily serviced for regular maintenance from above ground-no digging!
- Optional 3' pedestal and casted door logo
- 3/4" FIP inlet, designate depth of bury



Station and working parts can easily be removed for maintenance and/or in case of a valve freezing occurrence



Evacuation
Hand Pump
(required-sold
separately)



Electric
Evacuation
Pump
(required-sold
separately)



Optional Casted
Door Logo

ECLIPSE™



Meets the Requirements of
NSF/ANSI 372

88-SS-R CUT SHEET

PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	NOTES
1	51.000 in	1/2" S.S. PIPE		B,C
2	1	66031	HEADSTOCK (COLD CLIMATE)	
3	1	66009	O-RING (STEM)	
4	1	66016	HEADSTOCK TOP NUT	
5	1	66007	O-RING (PACKING NUT)	
6	1	66015	PACKING NUT	
7	1	66032	STEM (COLD CLIMATE)	
8	1	66042	KNOB	
9	1	66014	HANDLE/KNOB PIN	
10	1	66006	NOZZLE (3/8")	
11	1	34-E	PLASTIC NOZZLE CAP	
12	2	66030	SPRING PIN	
13	52.750 in	3/8" S.S. ROD		B,C
14	1	66025	VALVE (COLD CLIMATE)	
15	1	66026	PLUNGER (COLD CLIMATE)	
16	1	66027	SEAT RUBBER	
17	1	66028	SCREW FOR SEAT RUBBER	
18	1	BB-6-65	1/4" COMP. x 1/8" MIP S.S. 90° ELBOW	
19	44 IN	BB-7-65	1/4" S.S. TURNING	B,C
20	1	66033	S.S. ADAPTER (1/4" COMP. x 1/8" FIP)	
21	1	66001	PETCOCK BODY	
22	1	66008	O-RING (PETCOCK PACKING NUT)	
23	1	66002	PETCOCK NUT	
24	1	66010	O-RING (PETCOCK STEM)	
25	1	66003	PETCOCK PLUNGER	
26	1	66004	HANDLE PIN	
27	1	66005	PETCOCK NOZZLE	
28	1	66022	PETCOCK CAP	C,P
29	1	403K191	1/4 SCH 40 304/306 SST Nipple	
30	1	4464K135	304 Stainless Steel Threaded Pipe Fitting	
31	1	9400A-05	1" AUTOMATIC PISTON	
32	3	9400A-21	O-RING FOR 1" VALVE PISTON	
33	1	9400A-06	1" VALVE CYLINDER	
34	1	9400A-30	DEBRIS PLATE	
35	2	9400A-07	SOCKET HEAD BOLT FOR VALVE MOUNT	
36	3.25	9903	6" SCH 35 PVC PIPE	B
37	8	9400A-11	S.S. SCREW FOR SEWER PIPE MOUNT	
38	1	9400A-29	TOP PLATE BASE ASSEMBLY	
40	4	9400A-10	S.S. HEX HEAD BOLT FOR TOP PLATE MOUNT	
42	1	BB-22	GASKET	
43	1	BB-C1	"NEW STYLE" BB BASE	C,R
44	1	BB-C2	"NEW STYLE" BB BASE	C,R
45	4	BB-23	PEDESTAL BOLT	
46	6	BB-4	5/16"-18 x 1-1/2" S.S. Hex Head Bolt	
47	10	BB-14	5/16" S.S. Flat Washer	
48	6	9405	5/16 S.S. Lock Washer	
49	6	BB-5	5/16"-18 S.S. Hex Nut	
50	1	BB-3	"NEW STYLE" BB COVER "B"	C,R
51	1	BB-A	"NEW STYLE" BB COVER "A"	C,R
52	2	9419	1/4" S.S. Flat Washer	
53	2	BB-6	RIVET FOR BB COVER	C
54	1	66034	S.S. ROSE CLAMP	

OPTIONAL REPAIR PARTS LIST				
55	0	BB-15	SMALL PUMP	A
56	0	ZBPS	LARGE PUMP	A
57	1	BB-55-B-PEDTAND	PEDESTAL FOR BB-55-B-PED	B
58	4	345-N-9403	1/4" S.S. NUT	
59	4	9403	1/2-20 X 1" S.S. HEX BOLT	
60	4	9405	1/4" S.S. LOCK WASHER	
61	0	BB-A-LOGO	NEW STYLE BB COVER "A" WITH LOGO	A,C,R

REPAIR KITS		
PART NUMBER	DESCRIPTION	PARTS INCLUDED
X66-CC	HEADSTOCK ASSEMBLY COMPLETE	66031 HEADSTOCK (1), 66006 NOZZLE (1), 34-E CAP (1)
X66-CC	COLD CLIMATE TOP SCREW	66042 KNOB (1), 66014 ROD PIN (1), 66032 STEM (1), 66015 PACKING NUT (1), 66007 PACKING NUT O-RING (1), 66016 TOP NUT (1), 66009 STEM O-RING (1), 66030 SPRING PIN (1)
X66-PETCOCK	S.S. PETCOCK ASSEMBLY	66001 BODY (1), 66008 NUT O-RING (1), 66002 NUT (1), 66003 PLUNGER (1), 66010 PLUNGER O-RING (1), 66004 PIN (1), 66005 NOZZLE (1), 66022 CAP (1)
X66-PLUNGER	#66 PLUNGER ASSEMBLY	66026 PLUNGER (1), 66027 SEAT RUBBER (1), 66028 PLUNGER SCREW (1), 66030 SPRING PIN (1)
X66-RK	BB-55 REPAIR KIT	66027 SEAT RUBBER (1), 66028 SCREW (1)
X66-33	VALVE PISTON WITH O-RINGS	BB-33 PISTON (1), 9400A-21 O-RING (2)
X66-1	ALUMINUM COVER COMPLETE	BB-A FRONT COVER (1), BB-B BACK COVER (1), BB-6 AL RIVETS (2), 9419 FLAT WASHER (2)
X66-2	ALUMINUM BASE COMPLETE	BB-C1 BASE (1), BB-C2 BASE (1), BB-4 BOLT (4), BB-5 NUT (4), BB-14 WASHER (8)
X66-3	ALUMINUM COVER AND BASE COMPLETE	BB-A FRONT COVER (1), BB-B BACK COVER (1), BB-C1 BASE (1), BB-C2 BASE (1), BB-4 BOLT (4), BB-5 NUT (4), BB-14 WASHER (12)

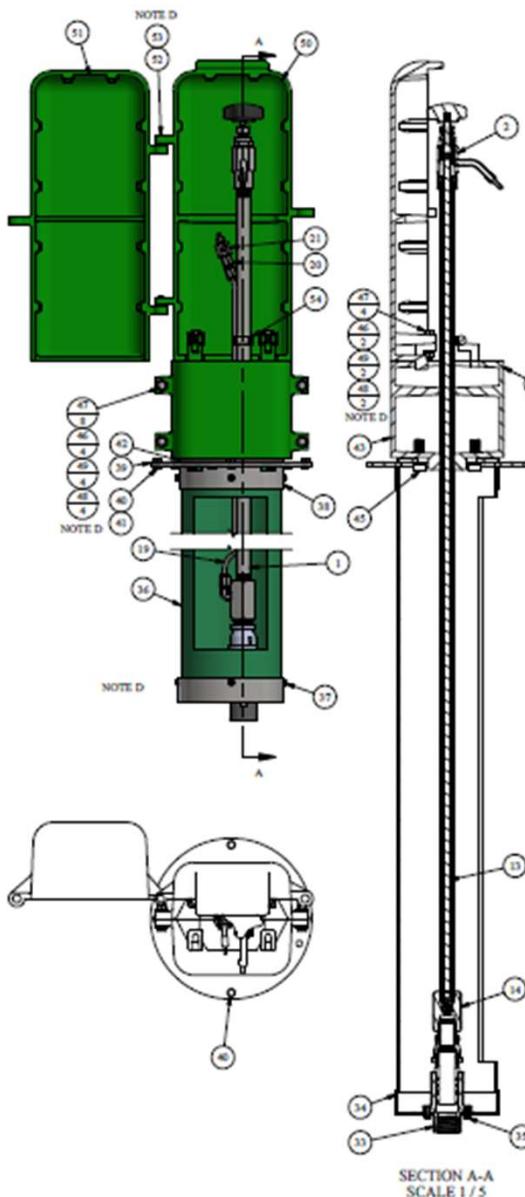
NOTE	DESCRIPTION
A	NOT SHOWN
B	PIPE LENGTH DEPENDENT ON DEPTH OF BURY, SHOWN AS 7'
C	BOLD AS REPLACEMENT PART
D	BOLT ASSEMBLY USED ON ALL SIMILAR HOLES/BRACKETS
Q	REPLACEMENT NOZZLE REQUIRES BENDING IN THE FIELD AFTER INSTALLATION
R	POWDER COATING OPTIONS AVAILABLE

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LEGEND

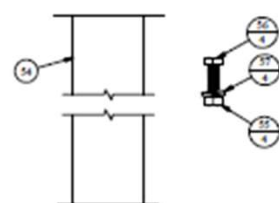
STANDARD TAG

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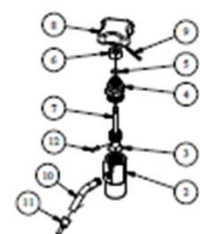


SECTION A-A
SCALE 1/5

OPTIONAL PEDESTAL (3" STANDARD)



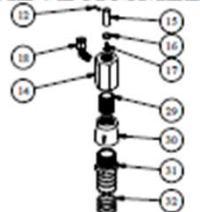
HEADSTOCK ASSEMBLY



PETCOCK ASSEMBLY



VALVE ASSEMBLY



DRAWN	SMS	11/19/2018
CHECKED	ICW	12/23/2020
APPROVED	ACC	9/14/2022
SIZE	C	SCALE 1/5
DWG NO	#88-SS-R Cut_Rev2	
SHEET	1 OF 1	REV 4



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