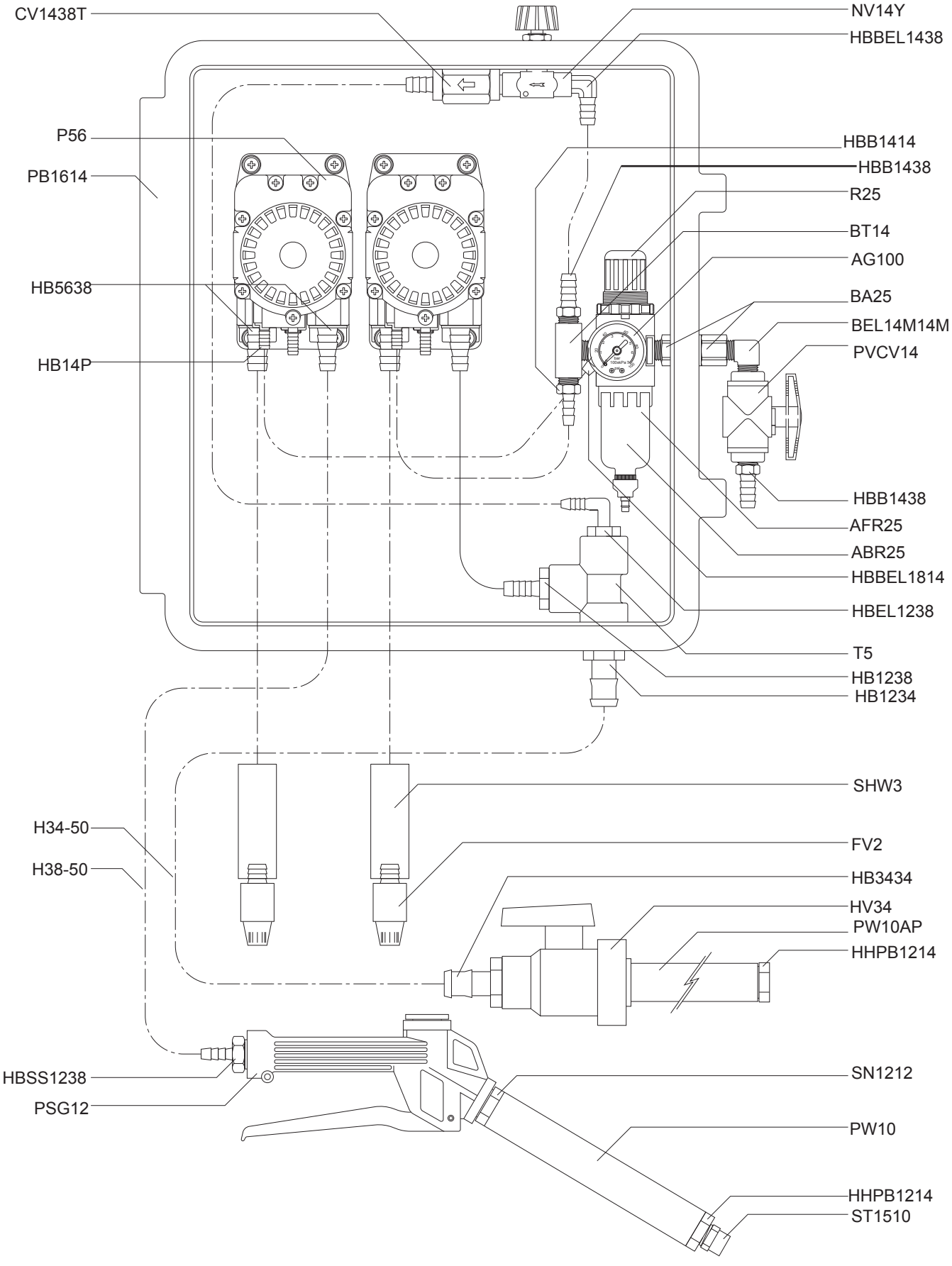
JS2

ACID/NUETRALIZER FOAMER

OWNER’S MANUAL

JS2


CV1438T
NV14Y
HBBEL1438
P56
HBB1414
PB1614
HBB1438
R25
BT14
AG100
HB5638
BA25
BEL14M14M
PVCV14
HB14P
HBB1438
AFR25
ABR25
HBBEL1814
HBEL1238
T5
HB1238
HB1234
SHW3
H34-50
FV2
H38-50
HB3434
HV34
PW10AP
HHPB1214
HBSS1238
SN1212
PSG12
PW10
HHPB1214
ST1510

10/10/07

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PARTS LIST

PART NO.	DESCRIPTION
ABR25	ORIGA BOWL W/SEMIAUTO DRAIN
AFR25	ORIGA FILTER ELEMENT
AG100	1.5in DRY MODEL 20 DUAL SCALE GAUGE
BA25	MALE/FEMALE ADAPTER 1/4 X 1/4
BEL14M14M	BRASS ELBOW 1/4in MPT X 1/4in MPT
BT14	MALE BRANCH TEE 1/4in FPT X FPT X MPT
CV1438T	426-4MGB-F, 1 LB HASTELLOY
FV2	FOOT VALVE, VITON, BLUE
H12B	1/2in BLUE GENERAL SERVICE HOSE
H34-50	3/4in BLUE GENERAL SERVICE HOSE
H38-50	3/8in BLUE GENERAL SERVICE HOSE
HB1234	1/2in MPT X 3/4in HOSE BARB
HB1238	1/2in MPT X 3/8in HOSE BARB
HB3434	POLY HOSE BARB 3/4in X 3/4in
HB5612	1/2in HOSE BARB FOR FLOJET G57 PUMP
HBB1414	BRASS 1/4 X 1/4 HOSE BARB
HBB1438	BRASS 1/4 MPT X 3/8 HOSE BARB
HBBEL1438	3/8 BRASS HOSE BARB X 1/4 PIPE ELB
HBBEL1814	1/8 MPT X 1/4 HOSE BARB BRASS 90DEG
HBEL1238	HOSE BARB ELBOW 1/2 X 3/8
HBSS1238	HOSE BARB S.S. 1/2in MPT X 3/8in HOSE
HHPB1214	HEX HEAD POLY REDUCER BUSHING 1/2in X 1/4in
HV34	3/4in POLY BALL VALVE
NV14Y	FLOW CONTROL VALVE
P56	5700 SANTO PUMP
PB1614	GRAY POLY BOX 16 X 14 X 6
PB1614-GSKT	3/32 INCH THICK GSKT WITH PSA
PBFT-SS	POLY BOX SS FOOT
PL16	GRAY POLY LID 16 X 14
PSG12	1/2in POLY SPRAY GUN W/ GRAY HNDL. & 316SS
PVCV14	VA PVC 628-4F4F-B
PW10	3/4in BLACK POLY PRO X 10in - FPTBE - SCH.80
PW32	3/4in BLACK POLY PRO X 32in - FPTOE & MPTOE - SCH.80
R25	AIR REGULATOR - SILVER COLOR - 1/4fpt TWO PORT 1/8fpt TWO PORT
SHW3	3in LONG COATED WEIGHT
SN1212	1/2in HEX STAINLESS STEEL NIPPLE
ST1510	VEEJET NOZZLE, BRASS 1510
T5	1/2 POLY TEE
WN12W	WASHER FOR COUPLING (WN12)

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SAFETY INSTRUCTIONS

1. Always wear safety goggles and protective gloves while operating unit.

2. Avoid contact of cleaning agent with skin and eyes. If contact occurs, treat as specified on chemical's MSDS sheet.

3. After use, close the air inlet valve (item# 14) and relieve all remaining pressure in the hoses. When all pressure is relieved, make sure all of the discharge valves are in the closed position.

4. Never point the discharge ball valve at anyone.

INSTALLATION INSTRUCTIONS

1. Read all instructions before installing the unit.

2. Remove all parts from the shipping box.

3. Select the desired area to mount the PVC control box, and mount using the four screws provided.
   Note: When drilling holes for the plastic anchors provided with the screws, use a 5/16" drill bit.

4. Connect the intake hoses to the (item# 44 & 45) to the pump inlet fittings (item# 26 & 29) as shown in the diagram. Use only enough hose to reach from the pump to the bottom of the supply tank, cut off any extra hose. Place the suction hose weights (item# 46 & 47) and the foot valve strainers (item# 48 & 49) on the end of the intake hoses and secure with the provided hose clamps.

5. Connect the foam discharge hose (item# 31) to the foam discharge hose barb (item# 19) and secure with a provided hose clamp. Connect the foam wand (item# 32 - 35) to the other end of the foam discharge hose and secure with a provided hose clamp.

6. Connect the spray hose (item# 37) to the spray pump discharge (item# 27) and secure with a provided hose clamp. Connect the spray gun (item# 38 - 43) to the other end of the spray hose and secure with a provided hose clamp.

7. Attach a 3/8" ID hose from your air compressor to the air inlet fitting (item# 15).
   Note: The air compressor should be able to maintain 4 cfm @ 60 psi during operation of the unit.

ACCEPTABLE PRODUCTS

- Alkaline Cleaners
- Caustic Cleaners
- Sanitizers
- Acids

UNACCEPTABLE PRODUCTS

- All Hydrocarbons
- D-Limonene

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OPERATING INSTRUCTIONS

1. Fill two containers with the proper concentration of water and foaming chemical. Position the containers so the solution intake hoses can reach the bottom.

2. With the discharge wands (item# 33 & 39) closed, open the air inlet valve (item# 14).

3. Slowly open the foam discharge ball valve (item# 33).

4. Adjust the wet foam / dry foam valve (item# 6) to the desired wetness or dryness of foam using the steps below:
   A. Close the valve completely in the clockwise direction.
   B. Open the valve in the counter-clockwise direction 2-3 turns.
   C. With the unit running, turn the valve counter-clockwise in 1/4 turn increments until the desired foam consistency is achieved.
   D. If the valve is open too far, it can cause the pump to stall. If this happens, begin again with step A.

5. To use neutralizing spray, slowly squeeze the trigger on the spray gun (item# 39).

TROUBLESHOOTING

1. Check for proper air pressure (60 psi or more into the unit, 60 psi on internal air gauge (item# 11).

2. Check air inlet filter (item# 16) for debris such as water, oil, or rust particles. Press up on the bottom of the filter bowl to remove liquid.

3. Check for plugged strainer (item# 48 & 49). Replace if necessary, **strainer must be used**.

4. If the wet foam / dry foam valve (item# 6) is open too far, the pump may not cycle properly due to lack of air pressure. If this occurs, refer to operating instruction # 4.

5. Make sure proper foaming chemical and concentration is being used.

6. If air passes through the pump (item# 1 & 2) without cycling, replace pump.

7. If foam solution backs up into the air bowl (item# 18), the check valve (item# 3) needs to be replaced.

8. If foam comes out wet no matter where the wet foam / dry foam valve is positioned, the check valve (item# 3) may need to be replaced.

9. If unit foams at reduced pressure:
   A. Check the air supply to the unit. If pressure is low, turn the unit off until the compressor can catch up.
   B. If the air supply is 60 psi or higher, check the internal air gauge (item# 11) which should read about 60 psi. If the gauge is much more or less than 60 psi, adjust the pressure by turning the knob on the top of The air pressure regulator (item# 10).