
READ ALL INSTRUCTIONS BEFORE OPERATING EQUIPMENT

User Manual for Models:

SI-5

SI-5K

SI-5V

|5 Gallon Air Operated Portable
Spray Unit|

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Specifications:

Hose20 feet reinforced hose, 1/2 inch I.D.
(6 meters reinforced hose, 1/2 inch I.D.)

Requirements:

Compressed air 40 to 80 PSI (3 to 5 bar) with 3.5 to 8 CFM (99.15 to 226.62 l/min)

Chemical requirements: follow all instructions from chemical manufacturer.

Air Operated Double Diaphragm Pump Options:

P56.....Flojet polypropylene body with Santoprene diaphragm

P56V..... Flojet polypropylene body with Viton diaphragm

P56K..... Flojet polypropylene body with Kalrez diaphragm

Acceptable Products: Alkaline cleaners, Caustic cleaners, Sanitizers, and Acids.

* D-Limonene may only be used with Kalrez pump

* Chlorine may only be used with Viton or Kalrez pump

DO NOT USE: All hydrocarbons



WARNING

Avoid Personal Injury



1. Always wear protective clothing, gloves, and eye wear while operating unit.



2. Avoid contact of cleaning agent with skin and eyes. If contact occurs, see MSDS sheet for further first aid measures.



3. Follow safety instructions of chemical manufacturer (MSDS).

4. After each use, relieve all remaining pressure in the system by unplugging the air line from the unit and opening the discharge valve to prevent accidental discharge.

5. Never point the discharge wand at anyone.

6. After relieving the pressure from the unit, store the unit with the discharge valve in the closed position.



CAUTION

Avoid Equipment Damage

1. Only use clean and dry air. Air must be filtered and free of moisture or pump life will be diminished. If needed, install air dryer before unit.

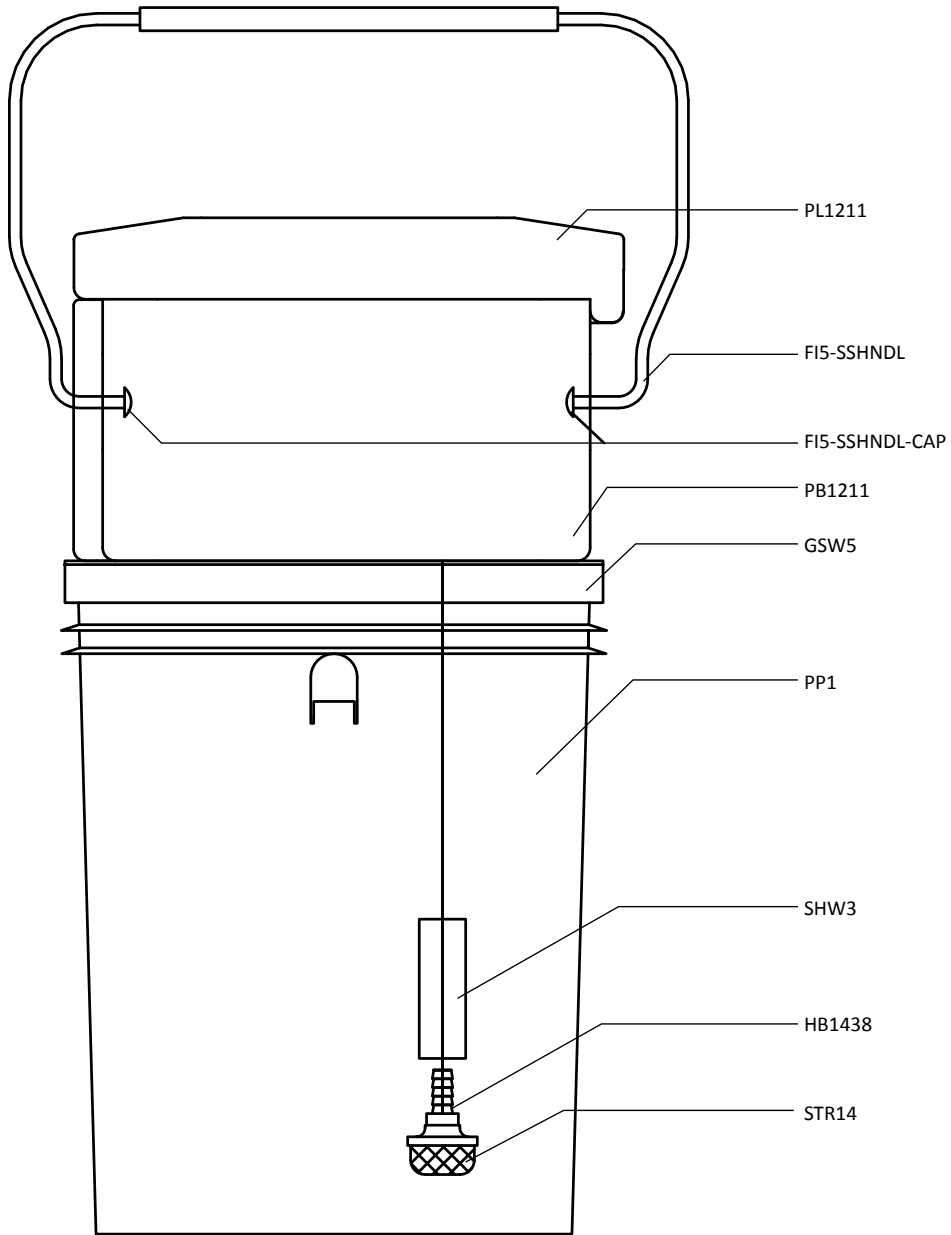
2. Do not use air lubricator before the unit.

3. Be sure to flush the unit with fresh water for 5 minutes when switching from an alkaline to an acid or an acid to an alkaline.

4. Do not exceed a fluid temperature of 110°F (43°C).

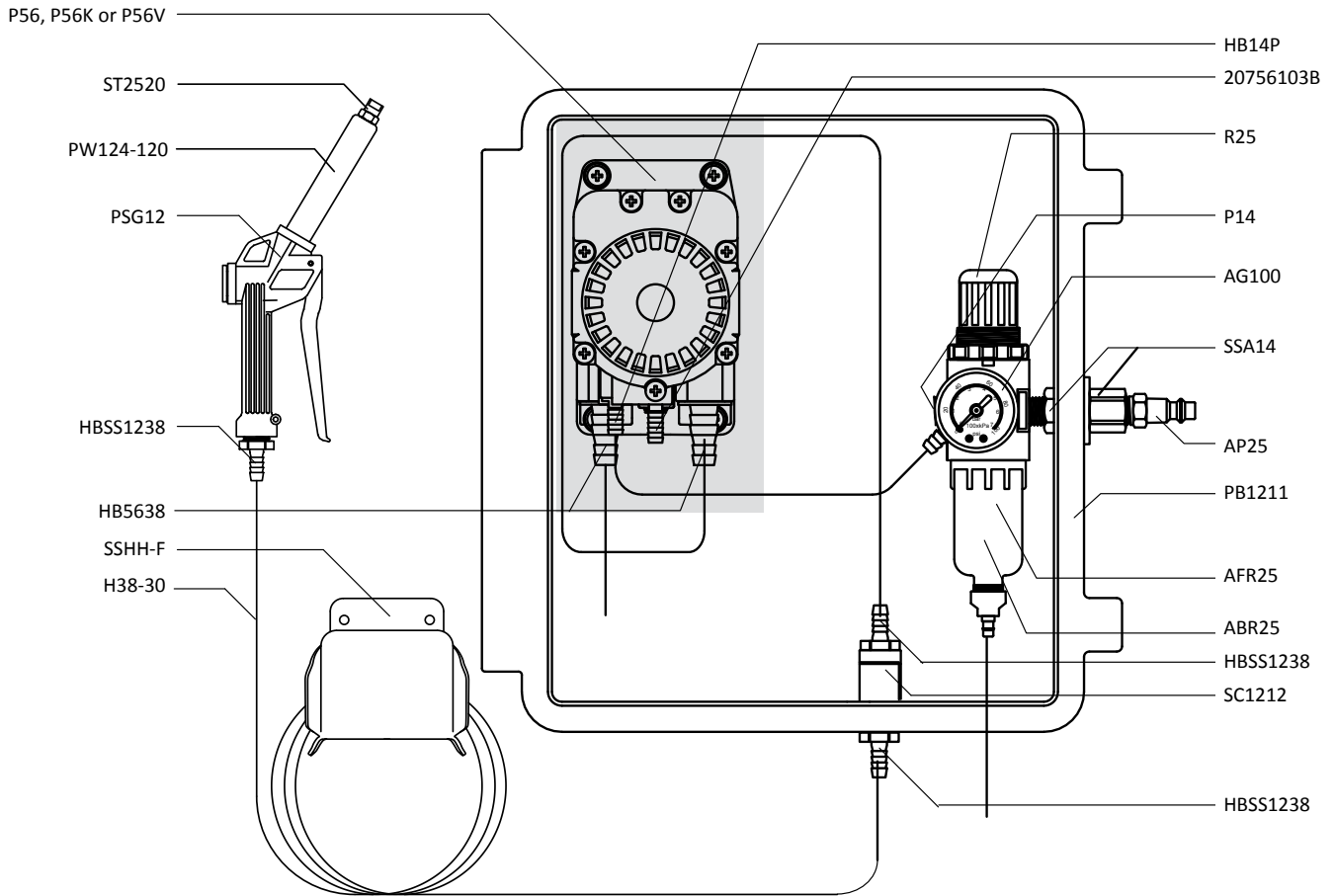
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Side View



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Inside View - Control Box



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Parts List

Item Number	Description
20756103B	Polypro G57 Air Port x HB Straight, w/ Viton o-ring
ABR25	METAL AIR BOWL for R25
AFR25	AIR FILTER for R25
AG100	1.5in DRY MODEL 20 DUAL SCALE GAUGE
AP25	PLUG 1/4 NPTM AIR FITTING - BRASS
B103234	10-32 X 3/4 PHIL TRUSS MACH SCR 18-8
BH142015	BUTTON HEAD SOCKET CAP - 1/4 - 20 x 1.5 STAINLESS STEEL
BKSS	BOX KEEPER STAINLESS STEEL
BLSS	Stainless Steel Latch
EC14-2	OETIKER CLAMP 13.8
EC38	STEPLESS EAR CLAMP
FI5-SSHNDL	Stainless Steel Handle for FI-5
FI5-SSHNDL-CAP	Cap for FI 5 Stainless Steel Handle
FW14	1/4 X 5/8 OD FLAT WASHER 18-8 PLN
FWLG14	.569 ID X 1.28 OD X .08 THICK FLAT WASHER SS 18-8
FWP12	7/8 ID X 1.5 OD X 0.05 THK SSFW
GSW5	GAMMA SEAL LID - WHITE
H14B	1/4in BLUE GENERAL SERVICE HOSE
H38-30	30 FT. OF 3/8 IN. REPLACEMENT HOSE W/ HBSS1238 AND FERRULE, 1-SSC38
H38B	3/8in BLUE GENERAL SERVICE HOSE
HB1438	1/4in MPT X 3/8in HOSE BARB (PLASTIC)
HB14P	1/4in BRASS HB AIR FITTING /G57/ P56
HB5638	HOSE BARB FOR P56 PUMP
HBBEL1814	1/8 MPT X 1/4 HOSE BARB BRASS 90DEG
HBSS1238	STAINLESS HOSE BARB 1/2mpt X 3/8 barb Tariff 8479.90.9496
LN14	1/4-20 NE NYL INS LOCKNUT 18-8 PLN
P14	COUNTERSUNK PLUG-HEXAGON 1/4
P56	5700 SANTO PUMP
P56K	5700 PUMP WITH KALREZ SEALS
P56V	FLOJET G57 PUMP WITH VITON
PB1211	GRAY POLY BOX 12 X 11 X 6
PB1211-GSKT	3/32 INCH THICK GSKT WITH PSA
PL1211	12X11 INCH POLYETHYLENE LID
PP1	5 GALLON PAIL WHITE W/HANDLE

PSG12	1/2in POLY SPRAY GUN WITH O-RING AND GRAY HNDL. & 316SS
PSGORV	PSG12 VITON O RING
PW124-120	1/2in BLACK POLY PRO X 4in - SCH.120 - 1/2in MPTOE & 1/4in FPTOE
R25	AIR REGULATOR - SILVER COLOR - 1/4ft TWO PORT 1/8ft TWO PORT
RIVSS-18-4	1/8 Stainless Rivet/Stainless Mandrel - Length .400 - Grip Range (.188 - .250)
S142034	1/4-20 X 3/4 PHIL TRUSS M/S 18-8
SC1212	S.S. COUPLER 1/2in BY 1/2in
SHW3	3in LONG COATED WEIGHT
SSA14	SS304 MALE/FEMALE ADAPTOR 1/4 NPT X 1/4 NPT
SSC38	WORM GEAR CLAMP, S/S (.25-.63)
ST2520	VEEJET NOZZLE - BRASS 2520
STR14	40 MESH SUCTION LINE STRAINER 1/4 MNPT

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Safety Instructions:

1. Always wear safety goggles and protective gloves while operating foam unit.
2. Avoid contact of cleaning agent with skin and eyes.
3. If contact occurs, see MSDS sheet for further first aid measures.
4. After use, relieve all remaining pressure in the system by unplugging the air line from the unit and opening the discharge valve (PSG12) until all pressure is released.
5. Never point the discharge wand at anyone.
6. Be sure to flush the unit with fresh water for 5 minutes when switching from an alkaline to an acid or an acid to an alkaline.

Operation Instructions:

1. Follow all instructions from chemical manufacturer. Fill the tank with pre-mixed solution.
2. Plug an air line into the air inlet fitting (AP25).
3. Hold the discharge spray gun (PSG12) securely in hand and spray desired area.

After Use Instructions:

1. It is recommended to run a gallon of fresh water through the unit after each use. With the discharge valve (PSG12) open, run the unit until the gallon of water has gone through the unit and discharged out the discharge hose.
2. Disconnect the air line from the air fitting (AP25) and relieve any remaining pressure in the system by having the discharge valve (PSG12) in open position.
3. Close the discharge valve (PSG12) when all the pressure is relieved from the system.

Maintenance:

To keep your portable tank foamer operating properly, periodically perform the following maintenance procedures:

1. Check the air pump for wear and leaks.
2. Replace filter in regulator (R25) as needed.
3. Check the suction tube and screen for debris and clean as needed.
4. Drain compressor tank on a regular basis to ensure proper operation of pump.