
USER MANUAL

**MODEL NUMBER:
GK1T**

**PUMP UNIT FOR CENTRAL DOORWAY
SYSTEM**

READ ALL INSTRUCTIONS BEFORE OPERATING EQUIPMENT



WARNING



Read this manual completely and understand the machine before operating or servicing it.

1. Always wear protective clothing, gloves, and eyewear while operating or servicing unit.
2. Avoid contact of cleaning agent with skin and eyes. If contact occurs, see SDS sheet for further first aid measures.
3. Follow safety instructions of chemical manufacturer (SDS).
4. Do not exceed fluid temperature of 100°F (37.8°C).
5. Only use clean and dry air. Air must be filtered and free of moisture or pump life will be diminished. If needed, install air an dryer before unit.
6. Do not use air lubricator before the unit.

PROTECT THE ENVIRONMENT

Please dispose of packaging materials, old machine components, and hazardous fluids in an environmentally safe way according to local waste disposal regulations.



Always remember to recycle.

*Specifications and parts are subject to change without notice.

Specifications:

Flow Rate: 2 GPM

Requirements:

Compressed air 40 to 80 PSI (2.8 to 5.5 bar) with 3.5 to 8 CFM (99.1 to 226.5 l/min)

Chemical requirements: follow all instructions from chemical manufacturer.

Air Operated Double Diaphragm Pump Options:

P56.....polypropylene body with Santoprene diaphragm

P56V..... polypropylene body with Viton diaphragm

P56K..... 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

Safety Instructions:

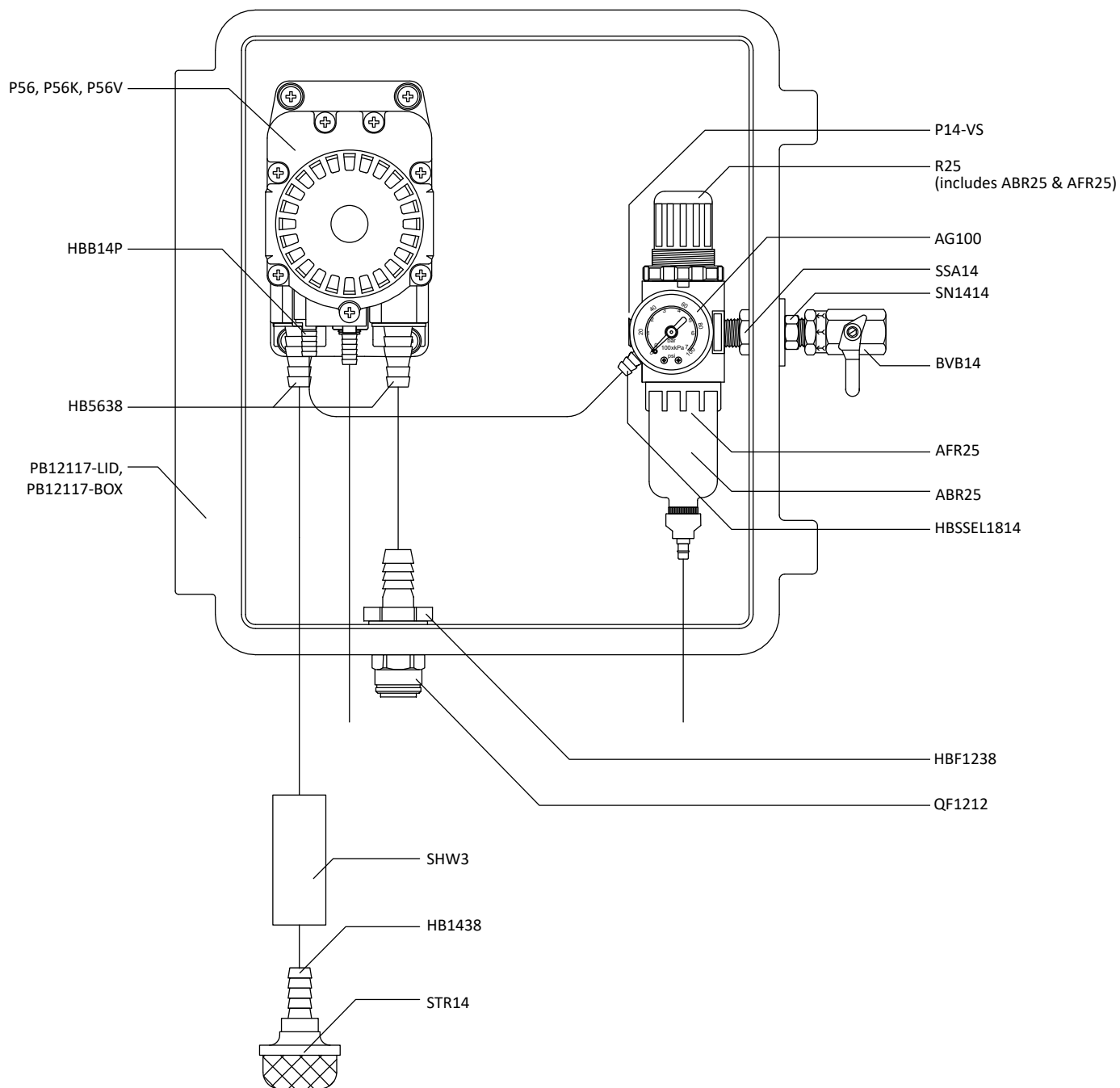
1. Always wear safety goggles and protective gloves while servicing foam unit.
2. Avoid contact of cleaning agent with skin and eyes.
3. If contact occurs, see MSDS sheet for further first aid measures.

Installation Instructions:

1. Remove all parts from the shipping box.
2. Mount control box to vertical surface with the screws and anchors provided.
3. Connect an air line to the air inlet.
4. Place the suction line in the mixed chemical tank.
5. Run ½ inch O.D tube from the pump unit to all desired location for mixing units.
6. Turn the air inlet valve to ON position to operate unit.

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Inside View - Control Box



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ITEM NUMBER	ITEM DESCRIPTION
AG100	AIR GAUGE - 1/8IN NPT - 0-100 PSI MARKINGS - DRY MODEL
BRKT-P56	PUMP BRACKET- STAINLESS STEEL
BVB14	BALL VALVE - BRASS - NICKEL PLATED - AIR INLET VALVE - 1/4IN FPT X 1/4IN FPT
EC14	EAR CLAMP - OETIKER - STAINLESS STEEL - FOR 1/4IN HOSE
FW14NPT	FLAT WASHER FOR 1/4IN NPT - STAINLESS - 0.57IN ID X 1.28IN OD X 0.08IN THK
H14BL-F	1/4IN ID BLUE HOSE-HYBRID TPE-AVAILABLE PER FT
H316CL-PV	3/16IN ID 5/16IN OD CLEAR HOSE - PVC - AVAILABLE PER FT
H38BL-F	3/8IN ID BLUE HOSE-HYBRID TPE-AVAILABLE PER FT
HB1438	1/4in MPT X 3/8in HOSE BARB (PLASTIC)
HBF1238	HOSE BARB - POLYPROPYLENE - 1/2IN FPT X 3/8IN BARB
HBSS1438	HOSE BARB - STAINLESS STEEL - 1/4IN MPT X 3/8IN BARB
HBSSEL1814	HOSE BARB - STAINLESS STEEL - ELBOW - 1/8IN MPT X 1/4IN BARB
P14-VS	PLUG - 1/4IN MPT WITH VIBRASEAL - COUNTERSUNK HEXAGON
P56	PUMP WITH SANTOPRENE SEALS - INCLUDES HOSE BARBS, AIR FITTING, AND EXHAUST BARB
PBA-12117	POLY BOX ASSEMBLY - 12IN X 11IN X 7IN - GRAY POLYPROPYLENE - INCLUDES BRAND LABEL AND MOUNTING HARDWARE
PB12117-BOX	POLY BOX - GRAY POLYPROPYLENE - FOR PBA-12117
PB12117-LID	POLY BOX LID - GRAY POLYPROPYLENE - FOR PBA-12117 - INCLUDES PB-GSKT ROPE SEAL AND BRAND LABEL
PB-FT	POLY BOX FOOT - GRAY POLYPROPYLENE - FOR PBA-12117 AND PBA-16138
PB-LTCH	POLY BOX LATCH - GRAY POLYPROPYLENE - TWO PIECES ASSEMBLED - FOR PBA-12117 AND PBA-16138
PB-PIN	STAINLESS STEEL HINGE PIN FOR PB16138 AND PB12117

ITEM NUMBER	ITEM DESCRIPTION
QF1212	QUICK FIT-1/2 MPT X 1/2 OD TUBE-POLYPROPYLENE
R25	REGULATOR - AIR - 2X 1/4IN FPT AND 2X 1/8IN FPT PORTS WITH BOWL AND FILTER - NO GAUGE
S1012-HL	SCREW - #10 X 1/2IN - STAINLESS STEEL - ROUND HEAD PHILLIPS - HILO THREAD
S1034-FH-HL	SCREW - #10 X 3/4IN - STAINLESS STEEL - FLAT HEAD PHILLIPS - HILO THREAD
SHW3	SUCTION HOSE WEIGHT - 15/16IN ID X 1 1/2IN OD X 3 1/4IN LONG - PVC COATED STAINLESS
SN1414	STAINLESS HEX NIPPLE 1/4 MPT X 1/4 MPT
SSA14	STAINLESS ADAPTOR 1/4 MPT X 1/4 FPT
SSC38	SCREW BAND CLAMP - STAINLESS STEEL - 3/8IN HOSE
STR14	40 MESH SUCTION LINE STRAINER 1/4 FNPT
WMS14	WALL MOUNT SCREW - #14 X 1 1/4IN - STAINLESS STEEL - HEX HEAD SLOTTED
WMS14A	WALL MOUNT SCREW ANCHOR -#14 X 1 1/4IN - PLASTIC - 5/16IN DRILL SIZE