



GETZ MANUFACTURING
PART NO.: 59602
MODEL: SYS FILL 50LB SS CONVENTIONAL
VACUFILL SYSTEM



540 S Main St • N. Pekin, IL 61554 • PH. (309) 382-4389 • Fax (800) 473-6088 • www.getzmfg.com • salesmanager@getzmfg.com

LIMITED WARRANTY

Getz Manufacturing warrants its products, and component parts of any product manufactured by Getz Manufacturing, to be free from defects in material and workmanship for a period of thirty-six (36) months from the date of purchase. During the warranty period, any such defects will be repaired or the defective parts replaced (**at Getz Manufacturing's option**). The warranty does not cover defects resulting from modification, alteration, misuse, exposure to corrosive conditions, extremely high temperatures, improper installation or maintenance. Warranties on component items not manufactured by Getz Manufacturing are provided by others whose warranty, evaluation and judgment will be final.

All implied warranties, including, but not limited to, warranties of fitness for purpose and merchantability, are limited to the time periods as stated above. In no event shall Getz MANUFACTURING be liable to incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts or the exclusions or limitations of incidental or consequential damages, so that the above limitations or exclusions may not apply to you. Getz Manufacturing neither assumes nor authorizes any representative or other person to assume for it any obligation or liability other than as expressly set forth herein.

Mobile Service Vehicles:

The warranty does not cover:

- Defects in the chassis and or power unit
- Defects in separately manufactured products not produced by Getz Manufacturing
- Deterioration due to normal wear, tear, and exposure
- Repairs made necessary by negligent use, misuse, abuse, loading the service vehicle beyond its gross vehicle weight limitations, accident, acts of God, or other contingencies beyond the control of Getz Manufacturing
- Repairs deemed necessary by reason of the failure to follow ordinary maintenance procedures
- Repairs deemed necessary by reason of alterations done without Getz Manufacturing's written approval.

Warranty Service:

- All warranty repairs will be performed by Getz Manufacturing in N. Pekin, IL, unless otherwise authorized by Getz Manufacturing.

Freight:

- Getz Manufacturing will not be liable for shipping or transportation charges to or from customer's location.

This warranty gives you specific legal rights, any you may also have other rights which vary from state to state. To obtain performance to the obligation of the warranty, write to Getz Manufacturing, 540 S Main St., N. Pekin, IL 61554, USA for instructions.

GETZ SYS FILL 50LB SS VACU-FILL SYSTEM
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GETZ SYS FILL 50LB SS

VACU-FILL SYSTEM

MOTIVE POWER SOURCE

AIR COMPRESSOR
COMPRESSED AIR
NITROGEN
CO2 VAPOR

CUSTOMER MUST REMOVE THE SIPHON TUBE FROM THE SUPPLY VALVE OF THE LIQUID CO2 TANK TO HAVE VAPOR.

TO GET THE MAXIMUM PERFORMANCE FROM YOUR VACU-FILL, THE OPERATING INPUT PRESSURE MAY RANGE FROM 50 TO 80 PSI. TO SET YOUR REGULATOR FOR BEST RESULTS, TAKE THE WHITE VACUUM LINE (#5) OUT OF CONNECTOR (#35) ON THE BOTTOM LEFT OUTSIDE CONSOLE. TURN THE ON-OFF VALVE (#19) TO THE "ON" POSITION AND PUT YOUR FINGER OVER CONNECTOR (#35). THEN, ADJUST REGULATOR UP OR DOWN, WHICHEVER IS NEEDED, SO THAT YOU HAVE THE MAXIMUM ON YOUR GAUGE.

CYCLE TIMES TO EXHAUST (OR EMPTY)

5 LB EXTINGUISHER (2.27 KG) = 15 SECONDS
10 LB EXTINGUISHER (4.50 KG) = 25 SECONDS
20 LB EXTINGUISHER (9.00 KG) = 30 SECONDS

CYCLE TIMES TO FILL

5 LB EXTINGUISHER (2.27 KG) = 10 SECONDS
10 LB EXTINGUISHER (4.50 KG) = 15 SECONDS
20 LB EXTINGUISHER (9.00 KG) = 30 SECONDS

SHIPPING SIZE OF CONTAINER

SGL SV 50 PR – 18" X 18" X 28"

OPTIONAL EQUIPMENT

59640- RING CAPACITY EXPANSION SS COMP

EXPANDS YOUR HOPPER'S CAPACITY BY 50LB EACH!

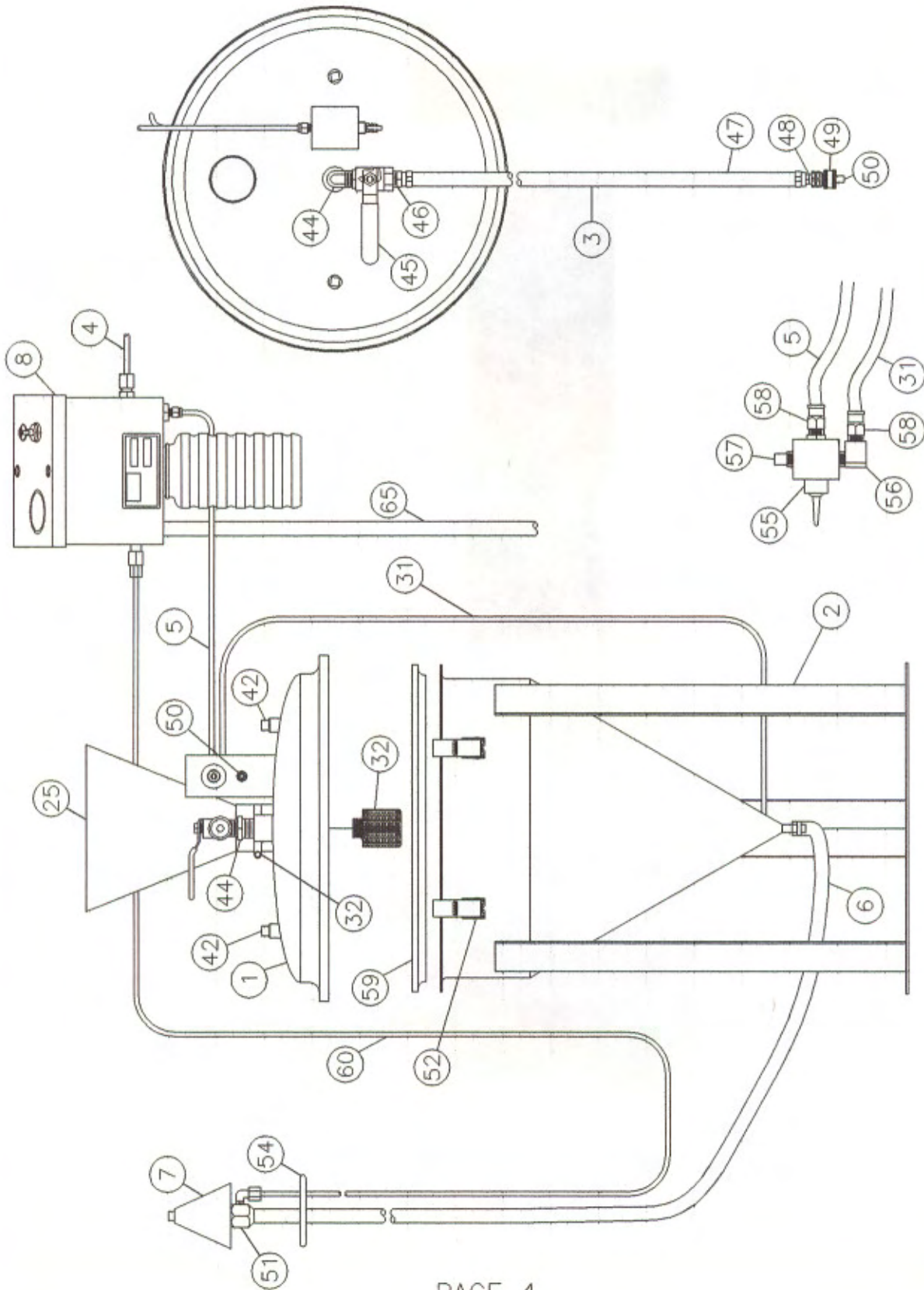
WARNING: MUST WEAR SAFETY GLASSES

PARTS LIST

<u>DRAWING #</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	54165	LID HOPPER ROUND SS
2	54163	HOPPER w/ STAND SS 50LB
3	58545	DCH ASY
4	51554	MTL NYCOIL 3/8" WH
5	51552	MTL NYCOIL 1/4 WH
6	51570	MTL VINYL TUBE 1/2 CLR X 9'
7	51221	CONE FILL
8	59608	CONSOLE SV1 SS COMP CONVENT
9	51484	LID SV1 CONSOLE
10	51148	BOX CONSOLE SV1
11	51844	STEM FILTER AC-396
12	51318	FLTR WH JAR ASSY
13	51177	CAP FLTR
14	51436	JAR PLASTIC VACU-FILL
15	51709	PIPE UNION PLAS 3/8 BLKHD
16	51208	CLAMP PLAS HOPPER OUTLET
17	51240	CONN PLAS 1/4
18	51285	DECAL LEXAN PANEL SV1
19	58649	VALVE ON-OFF BR SV1
20	51638	PIPE ELB PLAS 1/4ML X 1/4TUBE
21	51590	NUT & FERRULE 1/4 PLAS
22	54206	PIPE ELB PLAS 1/4 FMLE X 1/2 BARB
23	52636	PIPE ELB PLAS 1/8 ML X 1/4 TUBE
24	51695	PIPE TEE BR 1/4 BOX
25	54188	FLTR LID BAG-STYLE
26	51637	PIPE ELB PLAS w/BARB
27	51680	PIPE RDCR BELL 1/4 X 1/8
28	51302	FASTENER LOCKING CONSOLE
29	51348	GAUGE 30MG VACUUM
30	54189	VENTURI NEW STANDARD
31	51552	MTL NYCOIL 1/4 WH
32	54205	CLAMP FLTR 2.5IN
33	51710	PIPE UNION RDCR PLAS 3/8 X 1/4
34	51554	MTL NYCOIL 3/8 WH
35	51233	CONNECTOR PLAS 1/4FML X 1/4TUB
36	51124	BKT FLTR ASY JAR CLP
37	51305	FLTR ASY CASTING W/O JAR
38	51592	NUT & FERRULE 3/8 PLAS
39	51653	PIPE NIP BR 1/4 X 3 1/2
40	51346	GASKET JAR
41	51789	SCREEN DCH
42	51669	PIPE PLUG 1/4 BR
43	51686	PIPE RDCR BR 3/4X1/2
44	51630	PIPE ELB BR 1/2 MALE
45	51896	VLV BALL BR 1/2
46	51108	BARB HOSE BR 1/2 X 1/2
47	51557	MTL NYLON TUBE DCA1 5/8 - 24"
48	51109	BARB HOSE BR 1/2 X 1/4
49	51254	CPLG 1/4 FMLE STR THRU
50	51259	CPLG 1/4 X 1/8 ML STR
51	58561	FTNG BR FILLER TUBE COMP
52	XXXXX	LATCH HOPPER
53	52052	CLAMP BROOM
54	51128	BRKT RING

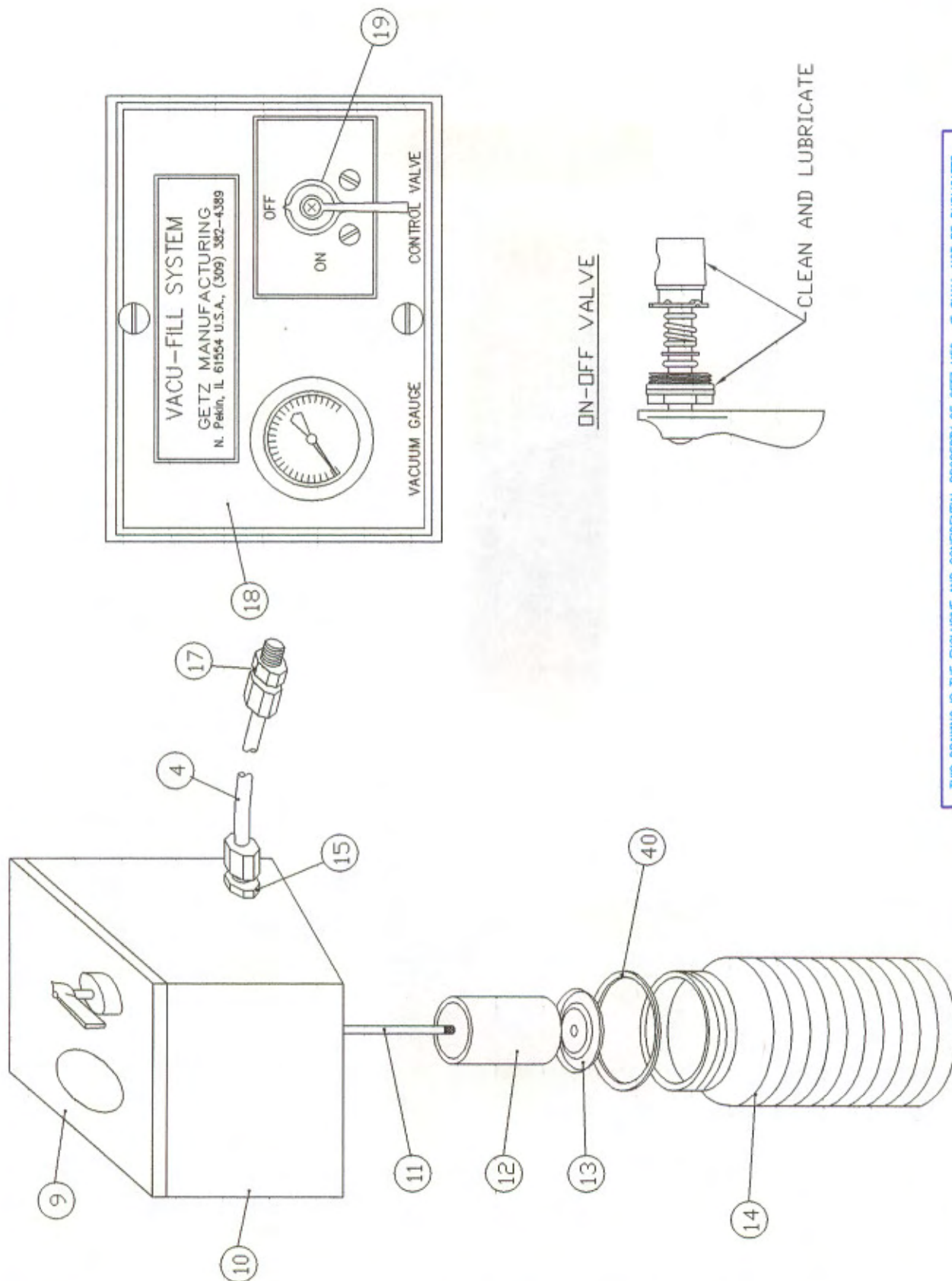
PARTS LIST CONTINUED

<u>DRAWING #</u>	<u>PART #</u>	<u>DESCRIPTION</u>
55	54176	VLV DETENT/MOMENTARY
56	52083	PIPE ELB 1/8 STR BR
57	51670	PIPE PLUG BR 1/8 SQ HEAD
58	54198	PIPE FTNG 1/8MPT x 1/4TUBE PTC
59	54166	GASKET LID ROUND
60	51552	MTL NYCOIL 1/4 WH
61	54196	PIPE FTNG 1/4 MPT x 1/4 TUBE PTC
62	52601	PIPE UNION BRASS 1/4 BLKD
63	51702	PIPE TEE PLAS 1/4 TUBE
64	51237	CONN PLAS 1/4 ML x 1/4 TUBE
65	56238	HOSE VENT 6' #3




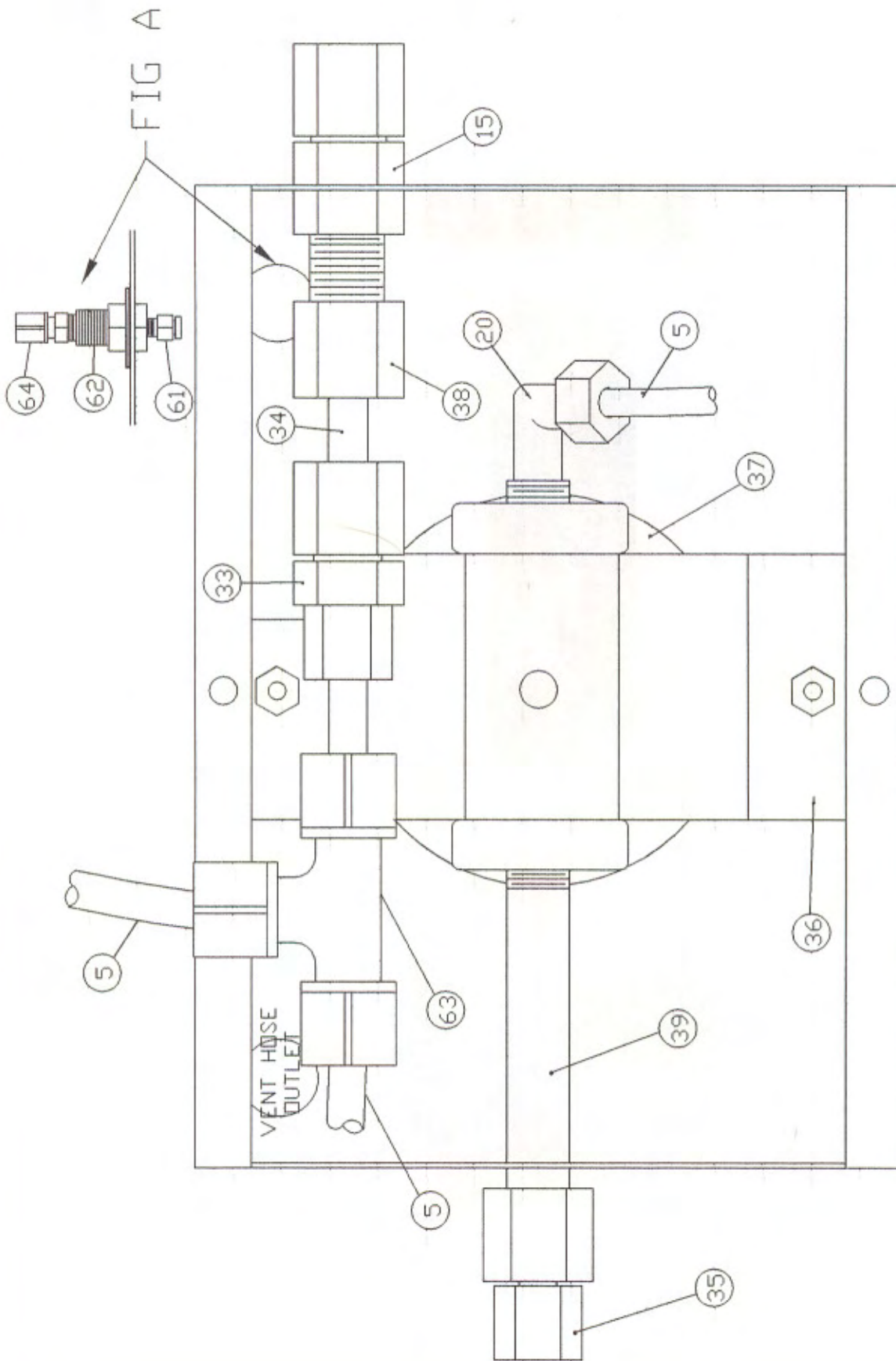
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REV	DRAWING CHANGE	BY	ECN NO.	DATE	MATERIAL	FINISH	CK'D K.L.R.	DATE 4-9-09	TITLE SYS FILL 50LB SS CONVENTIONAL	GETZ MANUFACTURING N. PEKIN, IL	
TOLERANCES UNLESS OTHERWISE SPECIFIED											
FRAC. ±.020		2 PL DEC ±.010		3 PL DEC ± .003		SCALE 1/8"=1"					



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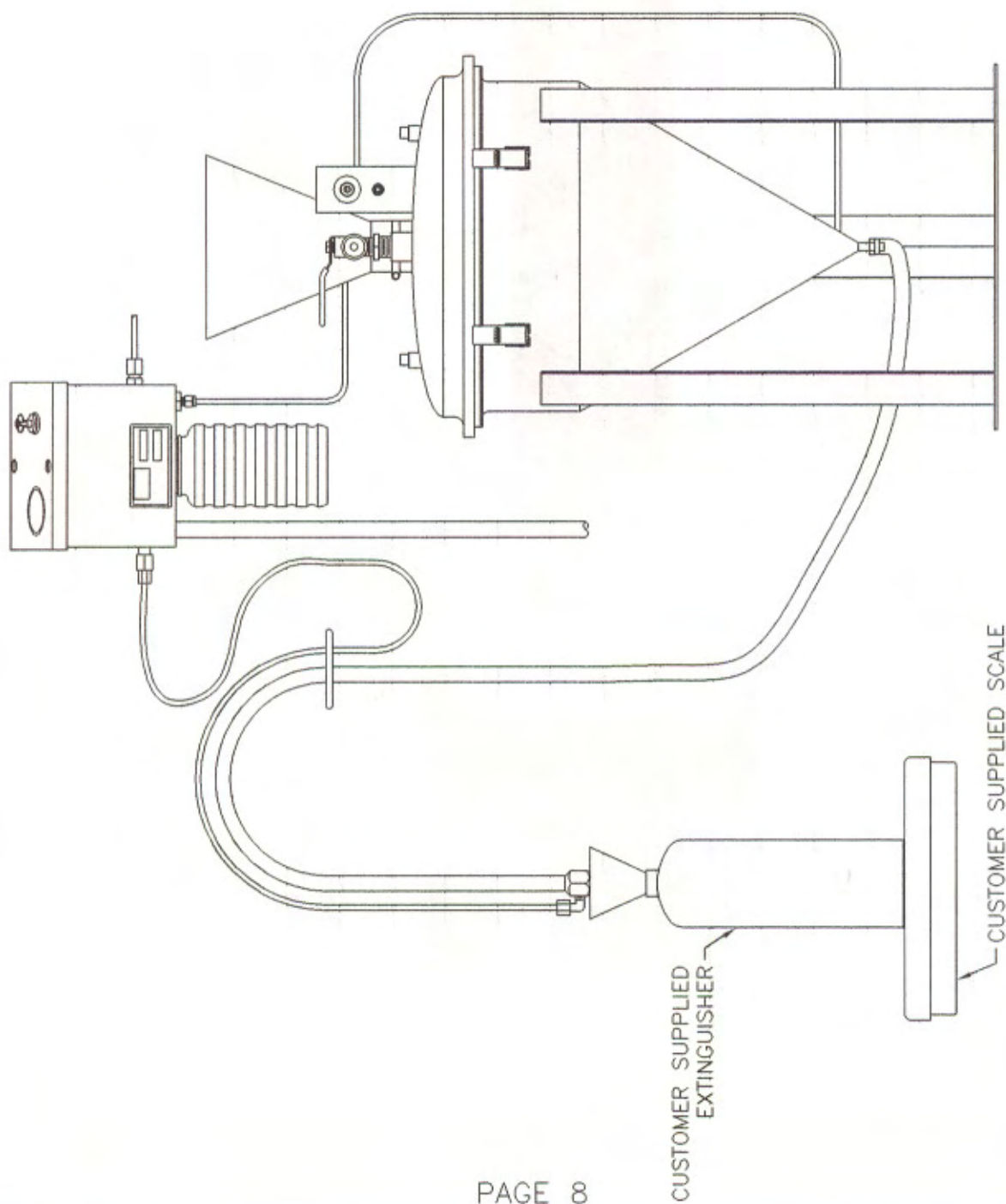
										MATERIAL		FINISH		<div>GETZ MANUFACTURING N. PEKIN, IL</div> <div></div>		SHEET NO. 2 OF 4		BIN NO.					
REV	DRAWING CHANGE						BY	ECN NO.	DATE	DWN BY CPG	OX'D K.L.R.					DWG. NO.		REV.					
TOLERANCES UNLESS OTHERWISE SPECIFIED																		TITLE SV1 CONSOLE		59602-2		*	
FRAC. ±.020		2 PL DEC ±.010		3 PL DEC ±.003						SCALE NTS		DATE 2-2-10											



FRONT OF CONSOLE BODY

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PAGE 8

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REV		DRAWING CHANGE		BY	ECN NO.	DATE	MATERIAL	FINISH	GETZ MANUFACTURING N. PEKIN, IL		SHEET NO.	BN NO.	REV.
							OWN BY CPG	OK'D K.L.R.			5 OF 5		
							SCALE 1/8"=1"	DATE 4-9-09	TITLE SYS FILL 50LB SS CONVENTIONAL		DWG. NO.		
FRAC. ±.020		2 PL DEC ±.010		3 PL DEC ±.003								59602-5	*

ASSEMBLY INSTRUCTIONS

1. ASSEMBLY UNIT PER DRAWING ON PAGE 8.
 - A) INSTALL SV1 CONSOLE (#8) TO A WALL.
 - B) INSTALL RING BRACKET (#54) TO A WALL.
 - C) PLACE THE LID (#1) ON THE HOPPER (#2) WITH THE GASKET (#59) IN PLACE. LOCK THE LID DOWN WITH THE LATCHES (#52).
 - D) CONNECT THE HOSE (#5) TO THE PORT (#61) ON THE BOTTOM OF THE SV1 CONSOLE (#8).
 - E) CONNECT THE HOSE (#31) TO THE 1/4" HOSE PORT ON THE BOTTOM OF THE HOPPER (#2).
 - F) CONNECT THE HOSE (#60) TO THE PORT (#35) ON THE LEFT SIDE OF THE SV1 CONSOLE (#8).
 - G) ASSEMBLE 1/2" CLEAR HOSE (#6) TO THE OUTLET ON BOTTOM OF HOPPER.

NOTE: YOU WILL FIND IT MUCH EASIER TO GET THE HOSE ON THE BOTTOM OF HOPPER IF YOU PREHEAT THE END OF HOSE IN A CUP OF VERY HOT WATER.
 - H) ATTACH THE 6' PIECE OF 1/2" TUBING (#65) TO THE VENT HOSE CONNECTION WHICH IS THE WHITE PLASTIC NIPPLE ON THE BOTTOM OF THE CONSOLE. THIS IS AN AIR VENT LINE.
 - I) ATTACH CONNECTOR (#17) FROM RIGHT SIDE OF THE CONSOLE TO YOUR REGULATED AIR SUPPLY. (APPROXIMATELY 65 PSI)
2. APPLY PRESSURE TO THE CONSOLE AND ADJUST YOUR REGULATOR FOR APPROXIMATELY 50 TO 80 PSI. (SEE PAGE 1 FOR PROPER REGULATOR SETTING.)

PORTABLE EXTINGUISHER DISCHARGE INSTRUCTIONS

1. MAKE SURE THE PORTABLE EXTINGUISHER IS PRESSURIZED.
2. IF PORTABLE EXTINGUISHER IS NOT PRESSURIZED, AND IS FULL OR PARTIALLY FULL OF CHEMICAL, DISCHARGE THE CONTENTS OF THE EXTINGUISHER INTO THE HOPPER SYSTEM AND POUR OUT OR VACUUM THE REMAINING CHEMICAL FROM THE EXTINGUISHER.
3. CONNECT PROPER DISCHARGE ADAPTER WITH MALE QUICK COUPLER (#50) INTO VALVE ASSEMBLY OF EXTINGUISHER.
4. CONNECT DISCHARGE ASSEMBLY HOSE (#3) TO THE DISCHARGE ADAPTER (#50) ON EXTINGUISHER.
5. MAKE SURE THE POWDER RECOVERY LID (#1) IS PROPERLY CLAMPED TO HOPPER (#2).
6. CLOSE VALVE (#45) AND PARTIALLY DISCHARGE EXTINGUISHER INTO THE DISCHARGE HOSE (#47) TO INSPECT CHEMICAL.
7. IF CHEMICAL APPEARS TO BE OK, YOU MAY OPEN VALVE (#45) WHICH WILL LET THE CHEMICAL ENTER THE HOPPER AND ALLOW NITROGEN PRESSURE TO ESCAPE THROUGH THE POWDER RECOVERY FILTER (#25).
8. AFTER THE EXTINGUISHER'S PRESSURE GAUGE HAS REACHED ZERO, CLOSE THE VALVE (#45). YOU MAY DISCONNECT THE DISCHARGE ASSEMBLY HOSE (#3) AND PROCEED TO INSPECT OR HYDROTEST THE EXTINGUISHER.
9. PERFORM EXTINGUISHER MAINTENANCE PER MANUFACTURER'S REQUIREMENTS:
 - A. CLEAN ALL POWDER OUT OF THREADS OF NECK OF EXTINGUISHER. (USE A TOOTHBRUSH).
 - B. CLEAN INTERIOR OF VALVE ASSEMBLY AND VALVE STEM. (THIS IS VERY IMPORTANT TO MAKE SURE EXTINGUISHER DOES NOT LEAK OFF).
 - C. CLEAN THREADS ON VALVE ASSEMBLY AND CLEAN AND LUBRICATE O-RING.
 - D. REFILL THE EXTINGUISHER WITH CHEMICAL. (SEE PAGE 11)

FILLING EMPTY DRY CHEMICAL EXTINGUISHERS

1. MAKE SURE SCALE IS PERFECTLY SET AND BALANCED TO ZERO.
2. MAKE SURE EMPTY DRY CHEMICAL EXTINGUISHER IS VISUALLY CHECKED ON THE INSIDE FOR DRYNESS AND CORROSION WITH INSPECTION LIGHT.
3. CHECK LABEL ON EMPTY EXTINGUISHER FOR TYPE OF CHEMICAL TO BE FILLED WITH.
4. SET EMPTY EXTINGUISHER ON SCALE AND CHECK PROPER WEIGHT TO BE FILLED ON EXTINGUISHER LABEL.
5. ONCE PROPER CHEMICAL IS DETERMINED, TAKE FILLING LINE (#6) AND EXTEND IT TO THE TOP OF THE EMPTY CYLINDER TO BE FILLED.
6. TAKE THE RUBBER CONE (#7) ON THE END OF THE FILLING LINE (#6) AND PLACE INTO TOP OF CYLINDER NECK WITH A 1/4 TURN CLOCKWISE.
7. SCALE: TWO WAYS OF WEIGHING EXTINGUISHER FOR PROPER FILLING:
 - A. WITH EXTINGUISHER AND FILLING LINE ATTACHED ON SCALE, RETURN SCALE BACK TO ZERO AND PROCEED TO FILL TO RECOMMENDED WEIGHT.
 - B. WITH EXTINGUISHER AND FILLING LINE ATTACHED ON SCALE, YOU CAN ADD RECOMMENDED WEIGHT TO THE WEIGHT READING OF EXTINGUISHER AND FILL LINE PRESENTLY ON SCALE.
8. TURN ON-OFF VALVE (#19) TO THE "ON" POSITION UNTIL EXTINGUISHER REACHES RECOMMENDED WEIGHT. THEN TURN VALVE TO "OFF" POSITION ONCE EXTINGUISHER IS FILLED. (IF CHEMICAL RETURNS TO PLASTIC JAR BEFORE REACHING PROPER WEIGHT, LET CHEMICAL SETTLE THEN TURN VALVE BACK TO "ON" TO GET RECOMMENDED WEIGHT).
9. REMOVE FILLING LINE CONE (#7) FROM NECK OF EXTINGUISHER TO FILLING LINE RING BRACKET (#54).

TROUBLE SHOOTING AND SERVICE AIDS

1. CHEMICAL WILL NOT FLOW WHEN:

- A. EXTINGUISHER IS NOT VACUUM TIGHT. (i.e., A CARTRIDGE EXTINGUISHER WITH A LEAKY CARTRIDGE RECEIVER.)
- B. THERE IS A KINK IN A HOSE.
- C. THE FILLING LINE AND/OR VACUUM LINE ARE CLOGGED.

NOTE: NEVER BLOW AIR PRESSURE INTO THE VACU-FILL CONSOLE OR JAR ASSEMBLY. MAY CAUSE DAMAGE TO THE CONSOLE AND INJURY.

- D. JAR FILTER ASSEMBLY ON CONSOLE IS NOT PROPERLY SEALED. (JAR MUST BE SCREWED ON TIGHT.)
 - E. AIR SUPPLY IS NOT REGULATED AND MAINTAINED AT 50 TO 80 PSI.
- ### 2. FILTER JARS LOCATED UNDER CONSOLE SHOULD NEVER BE ALLOWED TO FILL MORE THAN HALF WAY BEFORE EMPTYING.
- A. FILTER ELEMENT IN JARS MAY BE BLOWN CLEAN WITH AN AIR GUN OR SIMILAR DEVICE WEEKLY. REPLACE FILTER TWICE A YEAR.
- ### 3. THE ON/OFF VALVE (#19) ON THE CONSOLE MAY, AFTER A PERIOD OF TIME, TEND TO TIGHTEN UP OR BECOME HARDER TO OPERATE.
- A. FIRST THING SHUT OFF AIR PRESSURE TO CONSOLE AND BLEED OUT ALL PRESSURE IN THE SYSTEM.
 - B. TO DISMANTLE VALVE (#19), SIMPLY LOOSEN THE NUT OR CAP AROUND THE STEM, (COUNTER-CLOCKWISE) AND USING THE HANDLE, TURN TO "ON" POSITION AND PULL ENTIRE STEM, NUT AND BUSHING OUT OF THE VALVE BODY. NOTE THE POSITION OF THE KEY JUST BEHIND THE SPRING SO YOU CAN REASSEMBLE VALVE CORRECTLY.

(SEE PAGE 5)

USING CARBURETOR CLEANER OR SIMILAR CLEANER, CLEAN INNER VALVE BODY AND THE BUSHING WITH THREE HOLES IN IT.

PUT A THIN FILM OF LUBRIPLATE, OR SIMILAR LUBRICANT, ON BOTH PARTS.

PULL THE SMALL INNER "O" RING AND THE SPRING TOWARDS THE HANDLE AND REASSEMBLE VALVE, MATING KEY WASHER IN THE VALVE SLOT. (THE SMALL O-RING SEALS AND PREVENTS LEAKS AROUND STEM.)

TROUBLE SHOOTING AND SERVICE AIDS

(CONTINUED)

TO DETERMINE IF THE PROBLEM IS IN THE CONSOLE, REMOVE VACUUM LINE (#60) FROM CONNECTOR (#35) LOCATED ON LOWER LEFT SIDE OF CONSOLE.

NOW, WITH THE VACUUM LINE (#60) REMOVED FROM THE OUTSIDE OF CONSOLE, PLACE YOUR FINGER OVER THE FITTING, (#35), ON THE OUTSIDE OF THE CONSOLE AND TURN ON THE VALVE. YOU SHOULD FEEL SUCTION HERE, AND THE GAUGE SHOULD READ OVER 15" OF VACUUM. IF NOT, MAKE SURE JAR GASKET IN (#37) IS IN PLACE AND MAKE SURE THE JAR IS TIGHT AGAINST GASKET.

DO NOT BLOW AIR THROUGH CONSOLE OR JAR ASSEMBLY

JAR IS LIKELY TO EXPLODE IF SUBJECT TO MORE THAN 5 PSI

IF YOU HAVE SUCTION AT FITTING (#35), YOU CAN BE ASSURED THAT THE TROUBLE IS NOT IN THE CONSOLE.

MOST COMMON PROBLEMS OUTSIDE THE CONSOLE ARE: LUMPY CHEMICAL, MOIST CHEMICAL, AND A PLUGGED FILLING HOSE.

CHEMICAL COMPACTION

SHOULD THE CHEMICAL IN THE HOPPER BECOME SETTLED AND COMPACTED, IT WILL BE MORE DIFFICULT TO REFILL AN EXTINGUISHER. PUSH DOWN ON TOGGLE SWITCH (#55) TO CORRECT THIS PROBLEM. HOLD IT FOR NO MORE THAN 10 SECONDS TO FLUFF THE CHEMICAL.

CAUTION: HOLDING THE SWITCH DOWN FOR TOO LONG MAY CAUSE DAMAGE TO YOUR FILTER.

RECOMMENDED MAINTENANCE KIT

DEAR CUSTOMER:

YOUR RECENT PURCHASE OF OUR VACU-FILL SYSTEM WILL PROVIDE YOU WITH MANY YEARS OF DEPENDABLE SERVICE.

REST ASSURED YOU HAVE PURCHASED THE FINEST SYSTEM AVAILABLE IN TODAY'S MARKETPLACE. THE ADVANCED ENGINEERING AND TECHNOLOGICAL ADVANCEMENT EMPLOYED IN THE DEVELOPMENT OF THIS QUALITY PRODUCT HAS MADE IT WITHOUT EQUAL, WORLDWIDE.

WHILE THIS SYSTEM IS PERHAPS THE MOST MAINTENANCE-FREE OF ANY WE MANUFACTURE, IT MUST BE REMEMBERED THAT ANYTHING MAN-MADE IS CAPABLE OF MALFUNCTIONING AND MAY REQUIRE SIMPLE REPAIR.

FOR THIS REASON, WE HAVE PUT TOGETHER A MAINTENANCE KIT WHICH WILL ELIMINATE THE NEED FOR DELAY SHOULD YOUR SYSTEM EVER FAIL. CHANCES ARE IT WON'T. YET, ON OCCASION PROBLEMS DO ARISE FOR ONE REASON OR ANOTHER. CALL IT AN EXTRA OUNCE OF SECURITY.

I URGE YOUR CONSIDERATION AND MODEST INVESTMENT IN THE FOLLOWING. SHOULD YOU EVER EXPERIENCE A PROBLEM, CHANCES ARE YOU'LL BE EQUIPPED TO REPAIR IT ON THE SPOT.

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SINCERELY,

Amerex Corp dba Getz Manufacturing

NOTE:

DO NOT MODIFY ANY COMPONENTS WITHIN THIS SYSTEM. ANY USE OF PARTS OTHER THAN GETZ MANUFACTURING COMPONENTS EXCLUDES ALL WRITTEN AND IMPLIED LIABILITIES.