



**GETZ EQUIPMENT  
PART NO.: 58620  
MODEL: SV1 400 PR  
VACUFILL SYSTEM**



2320 Lakecrest Drive, Pekin IL 61554  
PH. (888) 747-4389 • Fax (309) 495-0625  
Website: [www.getzequipment.com](http://www.getzequipment.com)

## LIMITED WARRANTY

Getz Equipment Innovators warrants its products, and component parts of any product manufactured by Getz Equipment Innovators, to be free from defects in material and workmanship for a period of twelve (12) months from the date of purchase. During the warranty period, any such defects will be repaired or the defective parts replaced **(at Getz Equipment Innovators' 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 Equipment Innovators 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 Equipment Innovators be liable to incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts or the exclusions or limitation of incidental or consequential damages, so that the above limitations or exclusions may not apply to you. Getz Equipment Innovators 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 Equipment Innovators
- 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 Equipment Innovators.
- Repairs deemed necessary by reason of the failure to follow ordinary maintenance procedures.
- Repairs deemed necessary by reason of alterations done without Getz Equipment Innovators' written approval.

Warranty Service:

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

Freight:

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

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To obtain performance to the obligation of the warranty, write to Getz Equipment Innovators, 2320 Lakecrest Drive, Pekin IL 61554, USA for instructions.

**PART #58620**  
**SV1 400 PR VACUFILL SYSTEM**

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# **GETZ SV1 400 PR VACUFILL SYSTEM**

## **MOTIVE POWER SOURCE**

AIR COMPRESSOR WITH MOISTURE FILTER

TO GET THE MAXIMUM VACUUM ON YOUR SV1 400 PR VACUFILL SYSTEM, THE OPERATING INPUT PRESSURE MAY RANGE FROM 85-100 PSI. TO SET YOUR REGULATOR FOR BEST RESULTS, REMOVE THE YELLOW OR WHITE VACUUM LINE (#1C) OUT OF CONNECTOR (#35) ON THE BOTTOM LEFT SIDE OF THE CONTROL CONSOLE. TURN THE ON-OFF VALVE TO THE *ON* POSITION AND PUT YOUR FINGER OVER CONNECTOR (#35). THEN ADJUST THE REGULATOR UP OR DOWN, WHICHEVER IS NEEDED, SO YOU HAVE MAXIMUM VACUUM ON YOUR GAUGE.

## **CYCLE TIMES TO EXHAUST (OR EMPTY)**

**5 LB EXTINGUISHER (2.27 KG) = 15 SECONDS**

10 LB EXTINGUISHER (4.5 KG) = 25 SECONDS

20 LB EXTINGUISHER (9.0 KG) = 30 SECONDS

## **CYCLE TIMES TO FILL**

**5 LB EXTINGUISHER (2.27 KG) = 20 SECONDS**

10 LB EXTINGUISHER (4.5 KG) = 30 SECONDS

20 LB EXTINGUISHER (9.0 KG) = 60 SECONDS

## **SHIPPING SIZE OF CONTAINER AND WEIGHT**

(TWO CARTONS TOTAL)

- 1) SV1 400 PR HOPPER AND FRAME 26" W X 26" D X 55" H 110 LBS.
- 2) SV1 400 PR POWDER RECOVERY LID, FILTER, CONTROL CONSOLE, FILLING LINES, DISCHARGE ASSEMBLIES, & MONITOR GAUGE ASSEMBLY.

## **WARNING**

- \*\* READ INSTRUCTION MANUAL THOROUGHLY
- \*\* OPERATOR MUST WEAR EYE PROTECTION
- \*\* USE GETZ EQUIPMENT DISCHARGE ADAPTERS ONLY
- \*\* *MONITOR PRESSURE WARNING GAUGE AT ALL TIMES. IF GAUGE INDICATOR ENTERS RED ZONE, SHUT OFF VALVE ON HOPPER SYSTEM AND WHEELED UNIT IMMEDIATELY, AND RELEASE PRESSURE IN ACCORDANCE WITH MANUAL INSTRUCTIONS.*
- \*\* CLEAN POWDER RECOVERY LID FILTER BEFORE EACH WHEELED UNIT DISCHARGE BY MEANS OF VACUUMING.

## **GETZ SV1 400 PR VACUFILL SYSTEM**

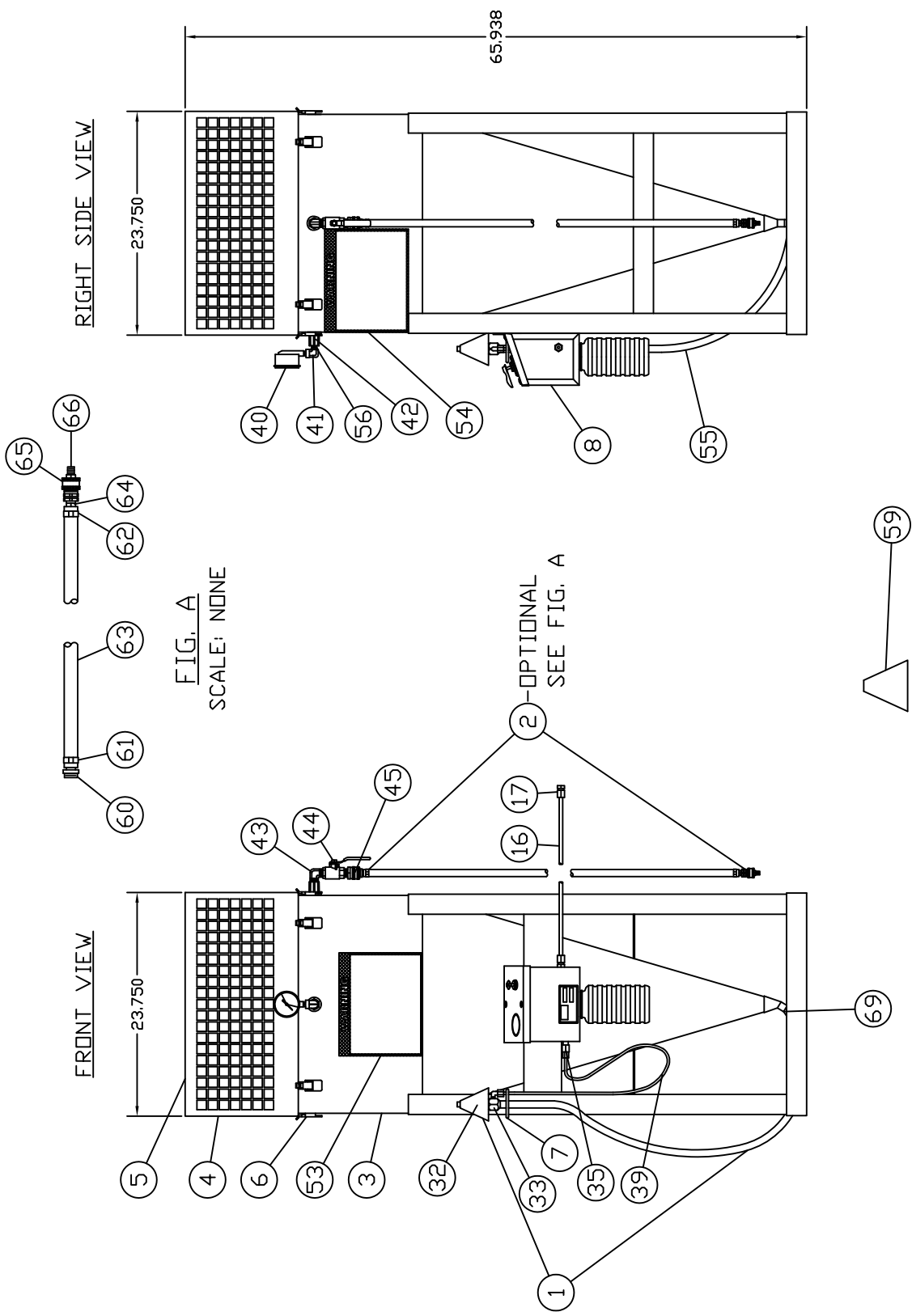
- DO NOT MODIFY ANY COMPONENTS WITHIN THIS SYSTEM. ANY USE OF PARTS OTHER THAN GETZ EQUIPMENT COMPONENTS EXCLUDES ALL WRITTEN AND IMPLIED LIABILITIES.
- USE OF DAMAGED EQUIPMENT COULD RESULT IN BODILY INJURY.
- MAXIMUM WHEELED UNIT REGULATOR OUTPUT PRESSURE NOT TO EXCEED 230 PSI.
- THIS SYSTEM MUST NOT BE USED IF GAUGE IS DAMAGED OR MALFUNCTIONING.
- REMOVE GAUGE WEEKLY. CLEAN AND INSPECT AIR CHANNEL TO GAUGE.
- CHECK GAUGE WEEKLY FOR ANY CHEMICAL OR FOREIGN MATERIAL BUILD UP ON GAUGE INLET.
- DO NOT USE GLASS JARS ON CONTROL CONSOLE.
- ANY USE OF GLASS JARS ON THIS SYSTEM WILL EXCLUDE ALL WRITTEN OR IMPLIED WARRANTIES.

## PARTS LIST

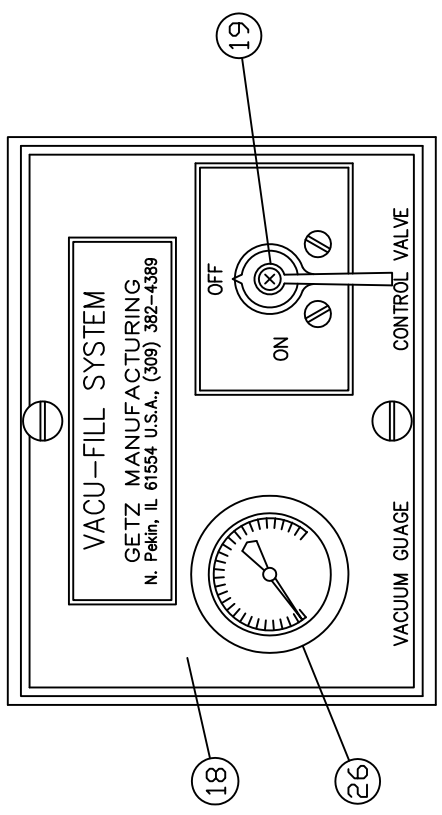
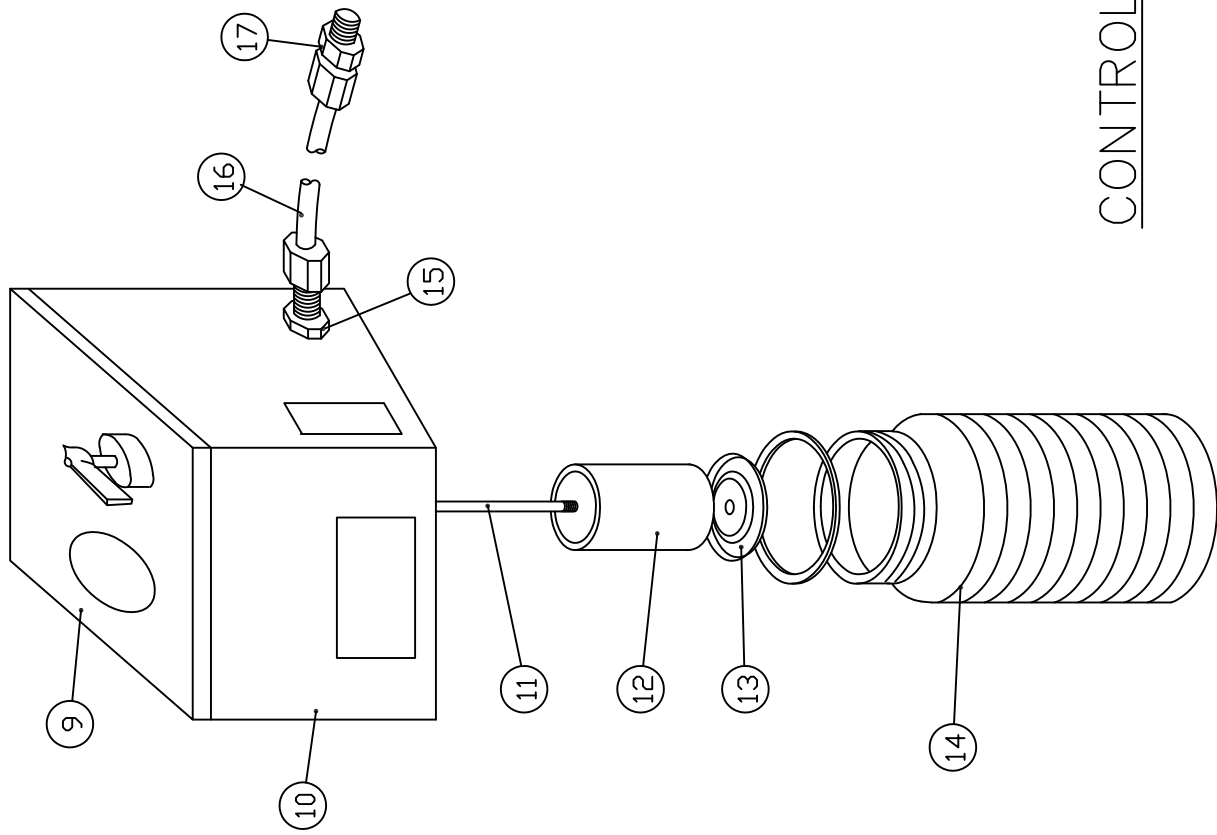
<u>ITEM #</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	58552	FILL LINE ASY ABC
2	58546	DCH ASY PORTABLES (OPTIONAL) SV4
3	56243	HOPPER 400 w/CASTING
4	51478	LID PWDR RECO 400#
5	58560	FLTR PWDR RECO 400#
6	51469	LATCH HOPPER
7	51128	BKT RING
8	58536	CONSOLE ASY SV1 400 COMP
9	51484	LID SV1 CONSOLE
10	51148	BOX CONSOLE SV1
11	51844	STEM FILTER AC-396
12	51318	FLTR JAR
13	51177	CAP FLTR
14	51436	JAR PLASTIC VACU-FILL
15	51709	PIPE UNION PLAS 3/8 BLKHD
16	51554	MTL NYCOIL 3/8 WH
17	51240	CONN PLAS 1/4 ML X 3/8 TUBE
18	51285	DECAL LEXAN PANEL SV1
19	58650	VLV ON-OFF BR SV4
20	51638	PIPE ELB PLAS 1/4 ML X 1/4 TUBE
21	51240	CONN PLAS 1/4 ML X 3/8 TUBE
22	54173	VENTURI NEW HIGH PERFORMANCE
23	51624	PIPE ELB BR 1/4 ST
24	51207	CLAMP OETIKER 3/4
25	51570	MTL VINYL TUBE 1/2 CLR
26	51348	GAUGE 30MG VACUUM
27	51691	PIPE TEE 1/4 X 1/8 FMLE BRANCH
28	51589	NUT & FERRULE 1/4 BR
29	51553	MTL NYCOIL 1/4 YL
30	51237	CONN PLAS 1/4 ML X 1/4 TUBE
31	51553	MTL NYCOIL 1/4 YL
32	51221	CONE FILL
33	58561	FTNG BR FILLER TUBE COMP
34	51554	MTL NYCOIL 3/8 WH

## PARTS LIST (CONTINUED)

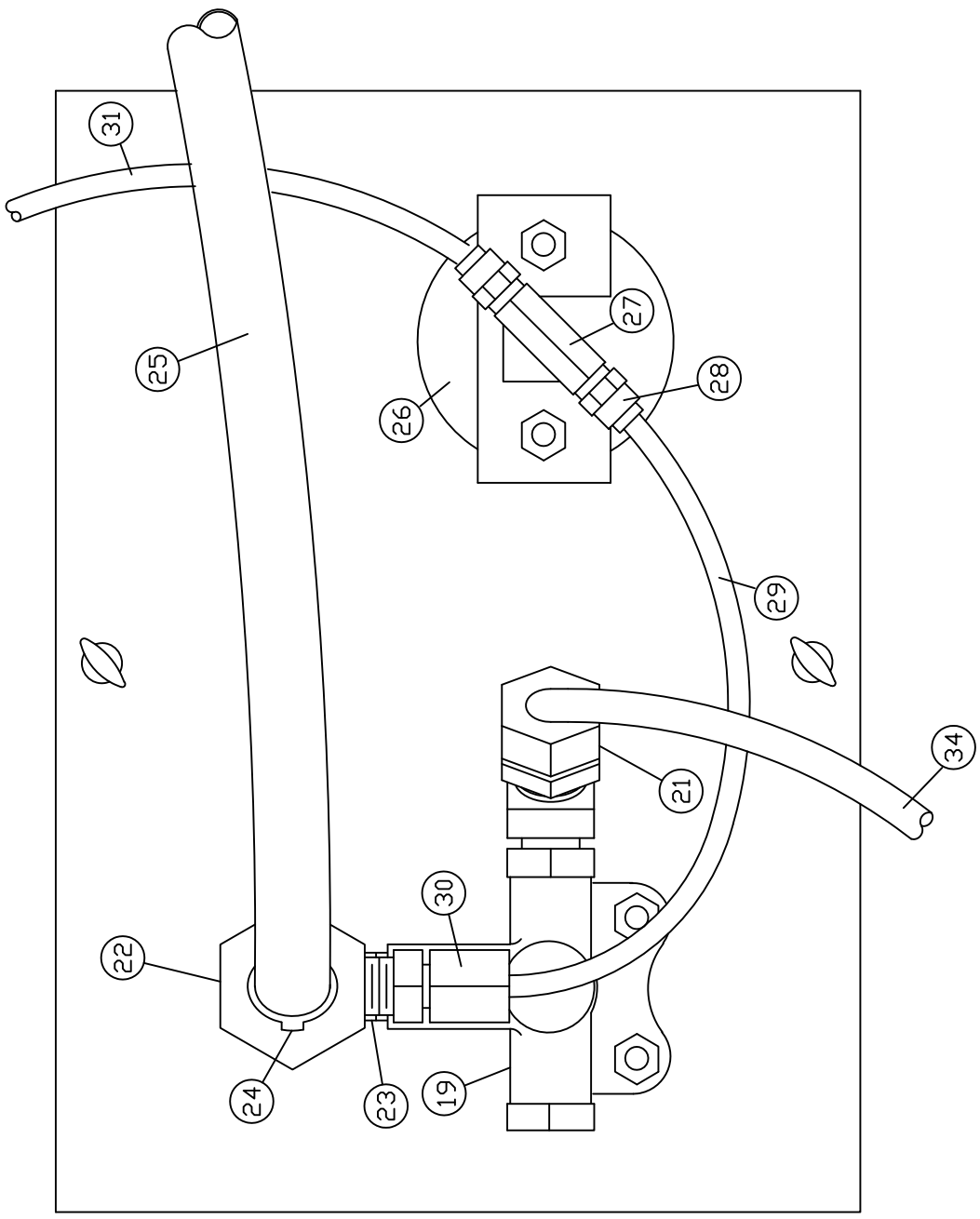
<u>ITEM #</u>	<u>PART #</u>	<u>DESCRIPTION</u>
35	51233	CONN PLAS 1/4 FMLE X 1/4 TUBE
36	51124	BKT FLTR ASY JAR CLP
37	51305	FLTR ASY CASTING W/O JAR
38	51592	NUT & FERRULE 3/8 PLAS
39	51553	MTL NYCOIL 1/4 YL
40	51371	GAUGE LOW PRESS 1 PSI
41	51624	PIPE ELB BR 1/4 ST
42	51427	HUB MEYER 1/2
43	51630	PIPE ELB BR 1/2 X 1/2 ML
44	51896	VLV BALL BR 1/2 X 1/2 FMLE
45	51820	SOCKET 1/2 HANSEN EP-101-FH
46	51641	PIPE NIP BR 1/2 X 3
47	51629	PIPE ELB BR 1/2 FMLE
48	51334	FTNG RESTRICTOR
49	51619	PIPE ELB BR 1/2 ML X 1/2 FMLE
50	51105	BAFFLE
51	51106	BAFFLE STUD
52	51793	SCREW BAFFLE
53	51463	LABEL GAUGE WARNING
54	51461	LABEL DCH WARNING
55	51570	MTL VINYL TUBE 1/2 CLR
56	51684	PIPE RDCR BR 1/2 X 1/4
57	51156	BRACE BAFFLE FOR LOCKS
58	51653	PIPE NIP BR 1/4 X 3 1/2
59	51222	CONE FILL WHEELED UNITS
60	51732	PLUG HANSEN 1/2 BARB X 1/2 COUP
61	51207	CLAMP OETIKER 3/4
62	51207	CLAMP OETIKER 3/4
63	51557	MTL NYLON TUBE DCA1 5/8
64	51109	BARB HOSE BR 1/2 X 1/4
65	51254	CPLG 1/4 FMLE STR THRU
66	51259	CPLG 1/4 X 1/8 ML STR
67	51153	BRACE BAFFLE FOR HINGE
68	51963	MTL NICKEL PIANO HINGE
69	51208	CLAMP PLAS HOPPER OUTLET
70	59471	HOSE KIT 400



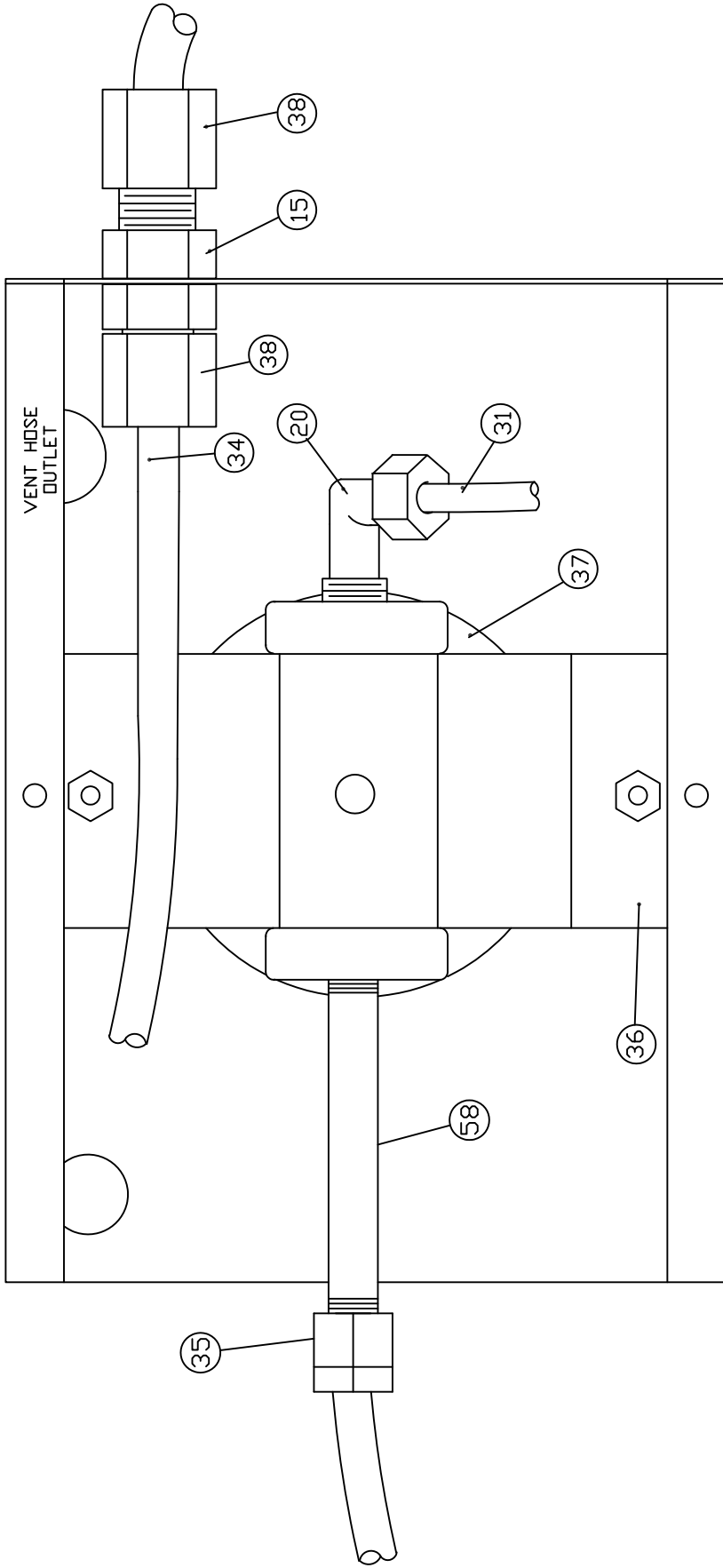




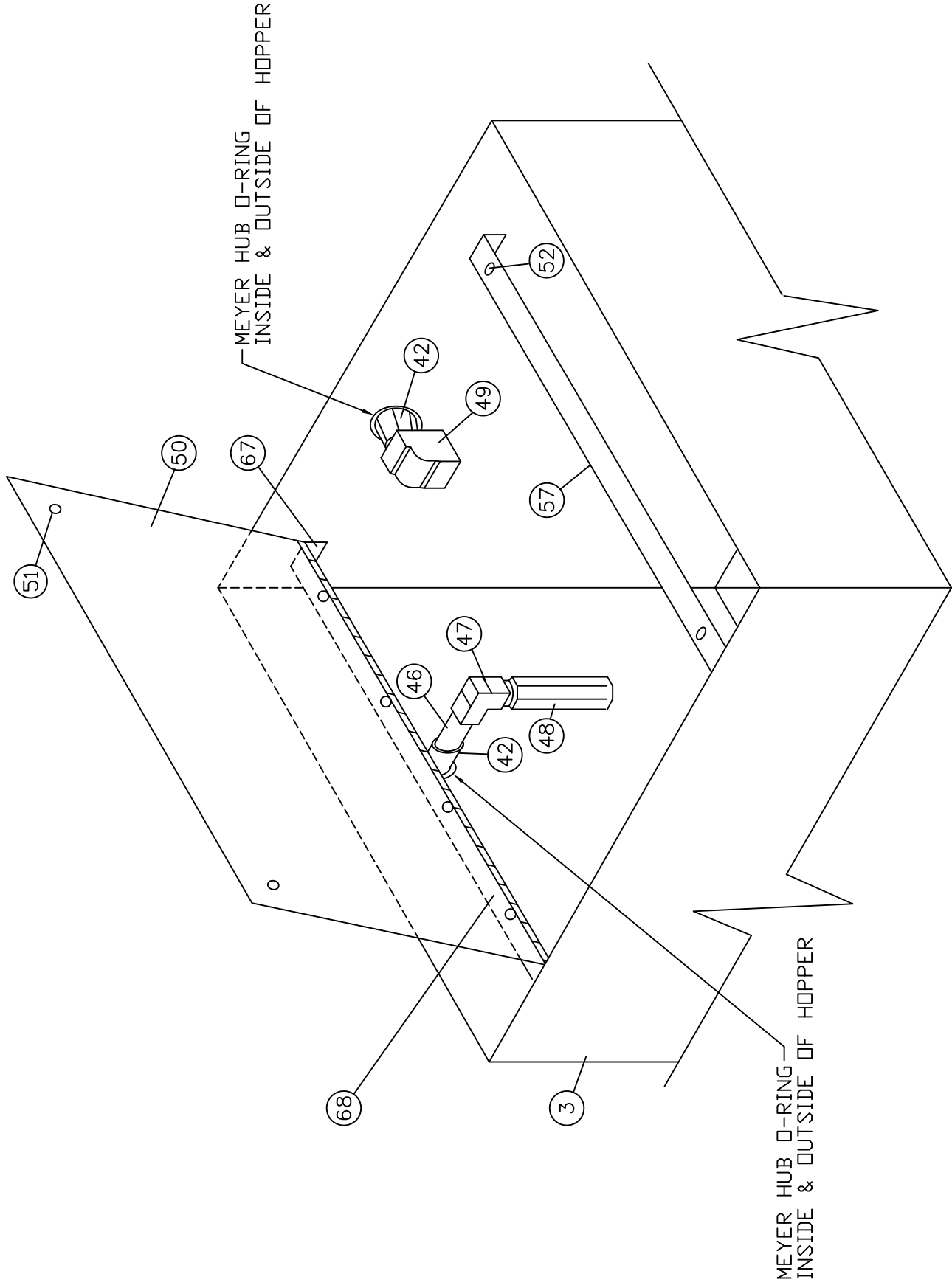
CONTROL CONSOLE



INTERIOR OF CONSOLE LID



INTERIOR OF CONSOLE BODY



INTERNAL VIEW OF HOPPER

# WARNING

MONITOR PRESSURE WARNING GAUGE AT ALL TIMES. IF GAUGE INDICATOR ENTERS RED ZONE, SHUT OFF VALVE ON HOPPER SYSTEM AND WHEELED UNIT IMMEDIATELY.

IF PRESSURE WARNING GAUGE ENTERS RED ZONE, SHUT SYSTEM OFF, RELEASE PRESSURE IN ACCORDANCE WITH MANUAL INSTRUCTIONS, AND CLEAN FILTER THOROUGHLY BY VACUUMING, AND INSPECT SYSTEM.

THIS SYSTEM MUST NOT BE USED IF GAUGE IS DAMAGED OR MALFUNCTIONING.

REMOVE GAUGE WEEKLY, CLEAN AND INSPECT AIR CHANNEL TO GAUGE.

CHECK GAUGE WEEKLY FOR ANY CHEMICAL OR FOREIGN MATERIAL BUILD UP ON GAUGE INLET.

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# WARNING

READ INSTRUCTION MANUAL THOROUGHLY

OPERATOR MUST WEAR EYE PROTECTION

USE GETZ MANUFACTURING DISCHARGE ADAPTERS ONLY.

MONITOR PRESSURE WARNING GAUGE AT ALL TIMES. IF GAUGE INDICATOR ENTERS RED ZONE, SHUT OFF VALVE ON HOPPER SYSTEM AND WHEELED UNIT IMMEDIATELY, AND RELEASE PRESSURE IN ACCORDANCE WITH MANUAL INSTRUCTIONS.

CLEAN POWDER RECOVERY LID FILTER BEFORE EACH WHEELED UNIT DISCHARGE BY MEANS OF VACUUMING.

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

USE OF DAMAGED EQUIPMENT COULD RESULT IN BODILY INJURY.

MAXIMUM WHEELED UNIT REGULATOR OUTPUT PRESSURE NOT TO EXCEED 230 P.S.I.

WARNING LABELS



## **PROCEDURE FOR DISCHARGING AND RECHARGING WHEELED UNITS**

### **A. FOLLOW THE PROCEDURES LISTED BELOW PRIOR TO USING HOPPER.**

1. CLEAN POWDER RECOVERY LID FILTER BEFORE EACH WHEELED UNIT DISCHARGE BY MEANS OF VACUUMING.
2. CHECK BOTTOM OF HOPPER FOR FOREIGN MATERIAL OR OBSTRUCTIONS.
3. FASTEN BAFFLE (#50) DOWN TO ALUMINUM CROSS MEMBERS WITH ¼ TURN THUMB SCREWS.
4. CHECK ALL INTERNAL SCREWS, NUTS, AND FITTINGS PRIOR TO INSTALLING POWDER RECOVERY LID.
5. INSTALL POWDER RECOVERY LID AND CLAMP ALL (8) HOPPER LATCHES TO CLIP ON LID.
6. CHECK ALL EXTERIOR FITTINGS, SUCH AS DISCHARGE ASSEMBLY AND GAUGE ASSEMBLY.

### **B. FOLLOW THE PROCEDURES BELOW PRIOR TO DISCHARGING WHEELED UNIT.**

1. OPERATOR MUST TEST REGULATOR FOR MAXIMUM REGULATOR DISCHARGE PRESSURE PER MANUFACTURERS SPECIFICATIONS AND NOT TO EXCEED 230 PSI.
2. REMOVE HOSE FROM WHEELED UNIT AND IF UNIT IS A CARTRIDGE OPERATED TYPE, REMOVE BURST DISC AND MAKE SURE THE HOSE IS BLOWN OUT TO ASSURE HOSE IS CLEAR, AND REINSTALL HOSE BACK ON WHEELED UNIT.
3. REMOVE NOZZLE FROM DISCHARGE HOSE AND INSTALL DISCHARGE ADAPTER ONLY. MAKE SURE GASKET IS IN ADAPTER AND THAT OPERATOR HAS SELECTED THE CORRECT ADAPTER TO MATCH THREADS.
4. FLUFF CHEMICAL IN WHEELED UNIT BY TILTING WHEELED UNIT BACKWARD AND, USING RUBBER HAMMER ONLY, TAP BOTTOM AND SIDES OF UNIT TO FLUFF CHEMICAL.
5. CHECK PRESSURE OF WHEELED UNIT AND MAKE SURE PRESSURE IS TO THE MANUFACTURERS SPECIFICATION.
6. ON CARTRIDGE OPERATED UNITS MAKE SURE THE THREADED CAP IS SECURELY TIGHTENED.

### **C. PROCEDURE FOR CONNECTING WHEELED UNIT TO HOPPER SYSTEM.**

1. CONNECT WHEELED UNIT DISCHARGE HOSE, USING DISCHARGE ADAPTER ONLY, CONNECT HOSE TO QUICK COUPLING (#45). DO NOT MODIFY DISCHARGE ADAPTER IN ANY WAY. (DISCHARGE ADAPTERS ARE SPECIALLY DESIGNED TO RESTRICT THE FLOW OF CHEMICAL ENTERING THE HOPPER SYSTEM, BECAUSE OF THE EXTREME PRESSURE GENERATED WITHIN THE WHEELED UNIT.)
2. DOUBLE CHECK ALL FITTINGS ON WHEELED UNIT AND HOPPER SYSTEM PRIOR TO STEP D.
3. MAKE SURE THE HOSE IS IN GOOD WORKING ORDER AND THERE ARE NO KINKS IN THE HOSE.

### **D. PROCEDURE OF DISCHARGING WHEELED UNIT**

1. MAKE SURE VALVE (#44) IS CLOSED PRIOR TO RELEASING WHEELED UNIT.
2. SLOWLY OPEN NITROGEN VALVE ON WHEELED UNIT TO PRESSURE PUSH CHEMICAL TO HOPPER SYSTEM.
3. USING VALVE (#44) ON HOPPER SIDE SLOWLY OPEN TO RELEASE CHEMICAL INTO HOPPER SYSTEM.

## **PROCEDURE FOR DISCHARGING AND RECHARGING WHEELED UNITS**

### **(Cont.)**

4. MONITOR PRESSURE WARNING GAUGE AT ALL TIMES. IF GAUGE INDICATOR ENTERS RED ZONE, SHUT OFF VALVE ON HOPPER AND WHEELED UNIT IMMEDIATELY.
5. AFTER MAKING SURE WHEELED UNIT AND HOPPER VALVES ARE SHUT OFF, MONITOR PRESSURE GAUGE ON HOPPER UNTIL ALL PRESSURE HAS BEEN RELEASED.
6. WHEN ALL PRESSURE HAS BEEN RELEASED AND GAUGE IS AT NORMAL POSITION, UNLATCH HOLD DOWNS ON POWDER RECOVERY LID AND REMOVE LID FROM HOPPER. THEN USING INDUSTRIAL VACUUM SYSTEM ONLY, SUCK OUT FILTER ASSEMBLY THOROUGHLY. THEN INSPECT FILTER FOR HARD OR DAMP CHEMICAL IN FILTER SYSTEM. AFTER SYSTEM HAS BEEN INSPECTED, REASSEMBLE POWDER RECOVERY LID TO HOPPER. START DISCHARGE INSTRUCTIONS OVER. IF PRESSURE GAUGE EXCEEDS LIMIT ON SECOND DISCHARGE, SHUT DOWN SYSTEM COMPLETELY AND CALL GETZ EQUIPMENT.

### **E. DISCONNECTING WHEELED UNIT FROM HOPPER SYSTEM.**

1. DISCONNECT DISCHARGE HOSE FROM HOPPER QUICK CONNECT (#45). REMOVE ADAPTER FROM DISCHARGE HOSE AND MAKE SURE DISCHARGE HOSE IS FREE OF CHEMICAL.
2. INSPECT NOZZLE OF DISCHARGE HOSE FOR PROPER OPENING AND CLOSING. THEN INSPECT COUPLING END OF NOZZLE TO MAKE SURE GASKET IS IN PLACE. AFTER INSPECTION, RECONNECT NOZZLE TO DISCHARGE HOSE AND CLEAN DISCHARGE PORTION OF WHEELED UNIT TANK. THEN REPLACE BURST DISC AND RECONNECT DISCHARGE HOSE TO WHEELED UNIT. THEN INSPECT INSIDE OF TANK ON WHEELED UNIT FOR RUST AND CORROSION.

### **F. FILLING WHEELED UNIT WITH CHEMICAL FROM HOPPER.**

1. FIRST REMOVE POWDER RECOVERY LID FROM HOPPER. THEN RELEASE THUMB NUT SCREWS AND LIFT BAFFLE BACK. INSPECT CHEMICAL FOR MOISTURE OR LUMPINESS.
2. IF CHEMICAL IS FREE OF THESE CONDITIONS, PROCEED TO FILLING WHEELED UNIT WITH POWDER.
3. PLACE WHEELED UNIT FILL CONE IN THE TOP HOLE OF THE WHEELED UNIT. THEN PLACE THE FILL CONE (#1A) IN THE WHEELED UNIT CONE, MAKING SURE BOTH PARTS ARE HELD TOGETHER WITH PRESSURE FROM THE OPERATOR. PROCEED TO MAKING SURE THE NITROGEN CYLINDER IS CLOSED AND BURST DISC IS IN PLACE.
4. MAKE SURE PRESSURE IS SET ON INCOMING AIR LINE FROM REGULATOR. THEN TURN CONSOLE VALVE TO THE *ON* POSITION, MAKING SURE CLEAR FILLER LINE DOES NOT HAVE ANY KINKS IN THE HOSE. MAINTAIN PRESSURE ON FILL CONE AND WHEELED UNIT CONE AS CHEMICAL STARTS TO TRAVEL UP THE FILL LINE.
5. AS CHEMICAL LEAVES THE HOPPER, MAKE SURE THE CHEMICAL IS FLOWING DOWN THE INSIDE OF THE HOPPER. MAINTAIN THESE INSPECTIONS UNTIL ALL THE CHEMICAL HAS LEFT THE HOPPER. THEN SHUT OFF THE CONSOLE VALVE AND REMOVE THE FILLING CONES FROM THE WHEELED UNIT.
6. RELATCH THE BAFFLE BACK IN PLACE AND SECURE THE THUMB NUT SCREWS. VACUUM THE POWDER RECOVERY LID FILTER THOROUGHLY AND MAKE SURE FILTER IS STILL HELD SECURELY TO THE SIDES OF THE LID.

## **PROCEDURE FOR 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 POWDER TO BE FILLED WITH.
4. THE FILLING LINES ARE ALSO COLORED YELLOW AND WHITE, SO YOU KNOW YELLOW IS ABC AND WHITE IS BC POWDER.
5. SET EMPTY EXTINGUISHER ON SCALE AND CHECK PROPER WEIGHT TO BE FILLED ON EXTINGUISHER LABEL.
6. ONCE PROPER POWDER IS DETERMINED, TAKE YELLOW OR WHITE FILLING LINE AND EXTEND IT TO THE TOP OF THE EMPTY CYLINDER TO BE FILLED.
7. TAKE THE RUBBER CONE ON THE END OF THE FILLING LINE AND PLACE INTO TOP OF CYLINDER NECK WITH A ¼ TURN CLOCKWISE.
8. 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, OR
  - 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.
9. TURN ON-OFF VALVE TO THE *ON* POSITION UNTIL EXTINGUISHER REACHES RECOMMENDED WEIGHT. THEN TURN VALVE TO *OFF* POSITION ONCE EXTINGUISHER IS FILLED. (IF POWDER RETURNS TO PLASTIC JAR BEFORE REACHING PROPER WEIGHT, LET POWDER SETTLE, THEN TURN VALVE BACK TO *ON* TO GET RECOMMENDED WEIGHT.)
10. REMOVE FILLING LINE FROM NECK OF EXTINGUISHER TO FILLING LINE RING BRACKET.
11. REMOVE EXTINGUISHER FROM SCALE AND FOLLOW VALVING PROCEDURE:
  - 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. RETURN VALVE AND SYPHON TUBE ASSEMBLY INTO NECK OF EXTINGUISHER. (HAND TIGHTEN)
  - E. SELECT THE CORRECT PRESSURIZING ADAPTER AND PLACE INTO DISCHARGE PORT.
  - F. SET REGULATOR. SQUEEZE LEVER AND PRESSURIZE EXTINGUISHER TO WORKING PRESSURE READING ON GAUGE.
  - G. ONCE REACHING PROPER PRESSURE READING ON GAUGE, RELEASE LEVER.
  - H. DISCONNECT RECHARGE ADAPTER AND REPLACE PULL-PIN FOR SAFETY.
  - I. CHECK FOR LEAKS AROUND NECK O-RING AND DISCHARGE PORT.
  - J. FOLLOW UP RETURNING HOSE ASSEMBLY AND TAG TO EXTINGUISHER.



## **TROUBLESHOOTING & SERVICE AIDS**

### **A. POWDER WILL NOT FLOW WHEN:**

1. EXTINGUISHER IS NOT VACUUM TIGHT. (i.e., A CARTRIDGE EXTINGUISHER WITH A LEAKY CARTRIDGE RECEIVER).
2. THERE IS A KINK IN A HOSE.
3. THE FILLING AND/OR VACUUM LINE MAY BE CLOGGED.  
NOTE: NEVER BLOW AIR PRESSURE INTO THE VACU-FILL CONSOLE OR JAR ASSEMBLY. MAY CAUSE INJURY.
4. JAR FILTER ASSEMBLY ON CONSOLE IS NOT PROPERLY SEALED.  
(JAR MUST BE SCREWED ON TIGHT.)
5. AIR SUPPLY IS NOT REGULATED AND MAINTAINED AT 85 OR 100 PSI.

### **B. FILTER JARS LOCATED UNDER CONSOLE SHOULD NEVER BE ALLOWED TO FILL MORE THAN HALF WAY BEFORE EMPTYING.**

1. FILTER ELEMENT IN JARS MAY BE BLOWN CLEAN WITH AN AIR GUN OR SIMILAR DEVICE WEEKLY. REPLACE FILTER TWICE A YEAR.

### **C. THE ON/OFF VALVE ON THE CONSOLE MAY, AFTER A PERIOD OF TIME TEND TO TIGHTEN UP, OR BECOME HARDER TO OPERATE.**

1. FIRST, SHUT OFF AIR PRESSURE TO CONSOLE AND BLEED OUT ALL PRESSURE.
2. TO DISMANTLE VALVE, 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 VALVE BODY. NOTE THE POSITION OF THE KEY JUST BEHIND THE SPRING SO YOU CAN REASSEMBLE VALVE CORRECTLY. USING WD-40, OR SIMILAR, CLEAN INNER VALVE BODY AND THE BUSHING WITH TWO HOLES IN IT. PUT A THIN FILM OF LUBRIPLATE, OR SIMILAR LUBRICANT, ON BOTH PARTS. PULL THE SMALL INNER O-RING AND THE NUT TOWARDS HANDLE AND REASSEMBLE VALVE MATING KEY AND SLOT. (SMALL O-RING SEALS AND PREVENTS LEAKS AROUND STEM.)

## **SYSTEMATIC TROUBLE SHOOTING OF THE VACUFILL SYSTEM**

TO DETERMINE IF THE PROBLEM IS IN THE CONSOLE, REMOVE VACUUM LINE (#1C) FROM CONNECTOR (#35) INSIDE OF CONSOLE. NOW, WITH THE VACUUM LINE (#1C) REMOVED FROM THE INSIDE OF CONSOLE, PLACE YOUR FINGER OVER THE FITTING, (#35), ON THE INSIDE 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 IS IN PLACE AND MAKE SURE THE JAR IS TIGHT AGAINST GASKET.

**DO NOT BLOW AIR THROUGH CONSOLE OR JAR ASSEMBLY.  
PLASTIC RECOVERY JAR MAY EXPLODE IF SUBJECTED TO ANY INTERNAL PRESSURE.**

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

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

- IF THE CONSOLE IS NOT WORKING PROPERLY, WE RECOMMEND REPLACING THE VENTURI (#22)

## **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, HOOK UP RECHARGE ADAPTER AND PRESSURIZE TO FACTORY RECOMMENDED PRESSURE ON GAUGE.
3. CONNECT PROPER DISCHARGE ADAPTER WITH MALE QUICK COUPLER INTO VALVE ASSEMBLY OF EXTINGUISHER.
4. CONNECT DISCHARGE ASSEMBLY (#2) TO THE DISCHARGE ADAPTER ON EXTINGUISHER.
5. MAKE SURE THE POWDER RECOVERY LID IS PROPERLY CLAMPED TO HOPPER.
6. CLOSE VALVE (#44) AND PARTIALLY DISCHARGE EXTINGUISHER INTO THE DISCHARGE HOSE (#2C) TO INSPECT CHEMICAL.
7. IF CHEMICAL APPEARS TO BE OK, YOU MAY OPEN VALVE (#44) WHICH WILL LET THE CHEMICAL ENTER HOPPER AND ALLOW NITROGEN PRESSURE TO ESCAPE THROUGH THE POWDER RECOVERY FILTER.
8. AFTER PRESSURE GAUGE IS TO ZERO, YOU MAY DISCONNECT THE DISCHARGE ASSEMBLY HOSE AND PROCEED TO INSPECT OR HYDROTEST THE EXTINGUISHER.

## **FILTER CLEANING INSTRUCTIONS**

1. REMOVE THE POWDER RECOVERY LID (#51478) FROM THE HOPPER ASSEMBLY.
2. EITHER USE A VACUUM CLEANER TO SUCK THE CHEMICAL FROM THE FILTER, OR USE DRY AIR TO BLOW THE CHEMICAL FROM THE FILTER.
3. REINSTALL THE FILTER INTO THE POWDER RECOVERY LID AND REPLACE THE LID ONTO THE HOPPER ASSEMBLY.
4. THE FILTER SHOULD BE CLEANED AFTER EACH WHEEL UNIT THAT IS DISCHARGED INTO THE HOPPER.
5. IF PORTABLE EXTINGUISHERS ARE BEING DISCHARGED INTO THE HOPPER SYSTEM, CLEAN AFTER EACH DAYS USE.

## **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.

1 - 58899 - KIT SERV & MAINT 400 PR VACU FL

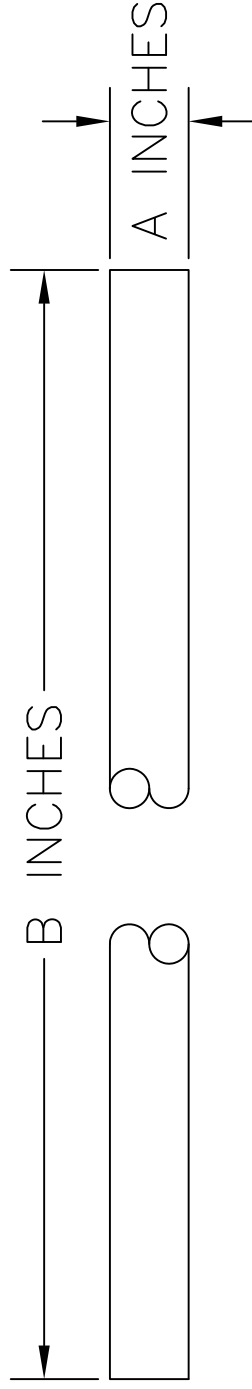
SINCERELY,

GETZ EQUIPMENT

### **NOTE:**

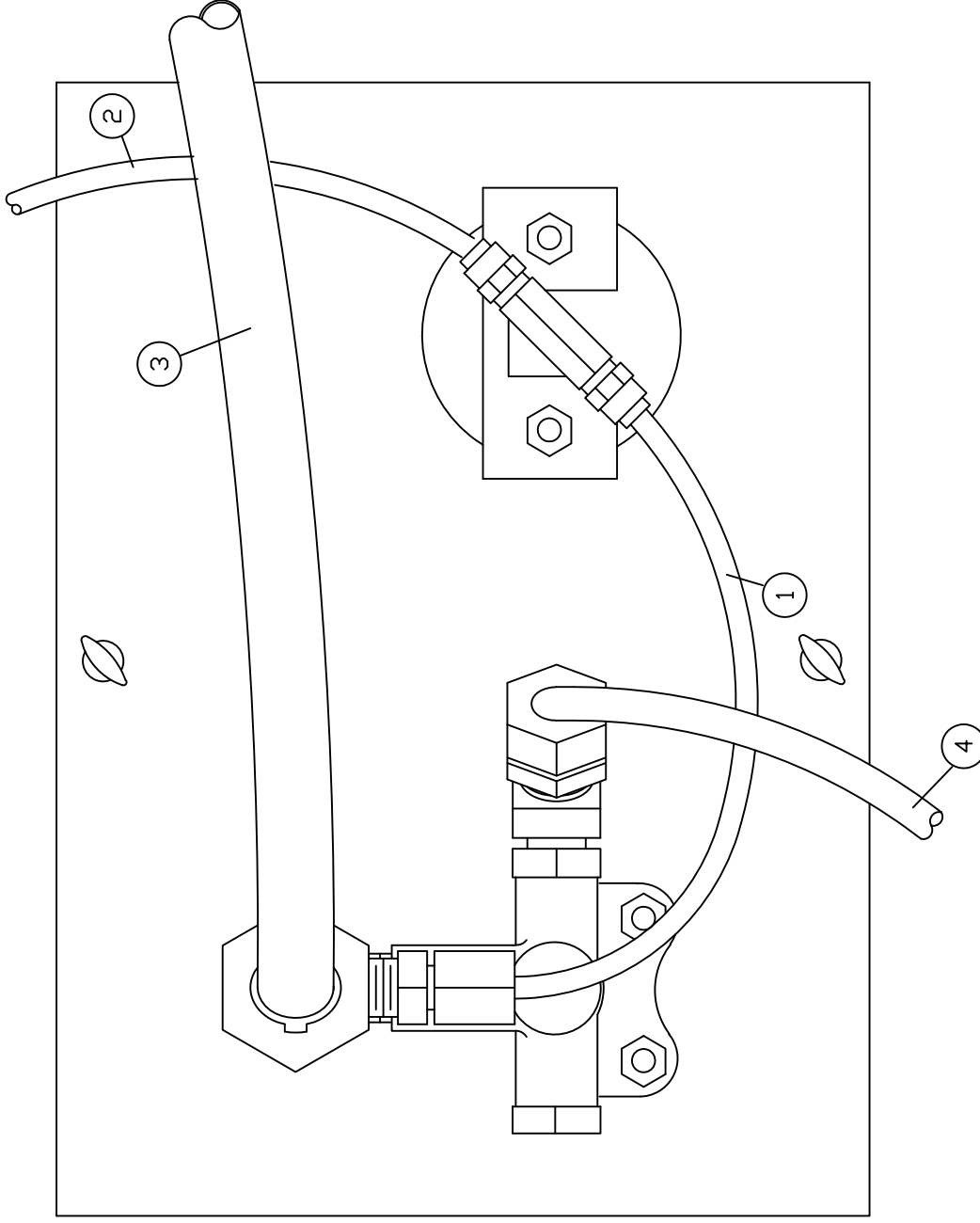
**DO NOT MODIFY ANY COMPONENTS WITHIN THIS SYSTEM. ANY USE OF PARTS OTHER THAN GETZ EQUIPMENT COMPONENTS EXCLUDE ALL WRITTEN AND IMPLIED LIABILITIES.**

PART	A"	COLOR	B"	QUANTITY	#
51553	.25	YELLOW	6	1	1
51553	.25	YELLOW	11	1	2
51570	.5	CLEAR	10	1	3
51554	.375	WHITE	9.75	1	4



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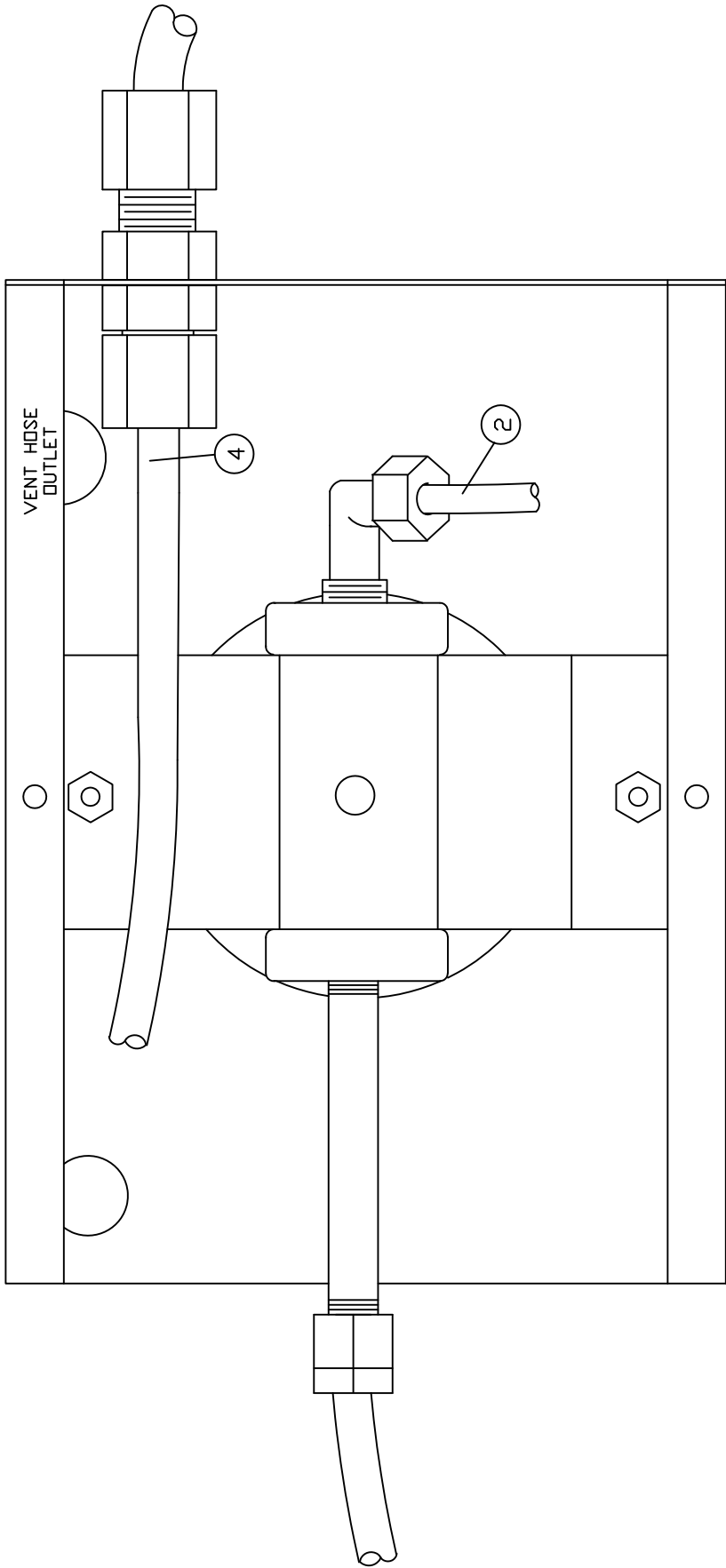
REV	DRAWING CHANGE	BY	EON NO.	DATE	MATERIAL	FINISH	SHEET NO.	BIN NO.
					DWN BY	CK'D	1 OF 3	
					SCALE	DATE	DWG. NO.	REV.
					1"=1"	2-2-06	59471	*
TOLERANCES UNLESS OTHERWISE SPECIFIED						TITLE		
FRAC. ±.020	2 PL DEC ±.010	3 PL DEC ±.003				KIT HOSE 400		



## INTERIOR OF CONSOLE LID

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		SHEET NO.	2 OF 3	BIN NO.	
REV	DRAWING CHANGE	BY	EON NO.	DATE	
TOLERANCES UNLESS OTHERWISE SPECIFIED					
FRAC.	±.020	2 PL	DEC ±.010	3 PL	DEC ±.003
MATERIAL		FINISH		TITLE	
DWN BY CPG		CK'D DC		KIT HOSE 400	
SCALE		DATE		REV.	
1/4"=1"		2-2-06		59471-2 *	



# INTERIOR OF CONSOLE BODY

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	DRAWING CHANGE	BY	EON NO.	DATE	MATERIAL	FINISH	SHEET NO.	BIN NO.
					CWG	DC	3 OF 3	
TOLERANCES UNLESS OTHERWISE SPECIFIED					SCALE	DATE	DWG. NO.	REV.
FRAC. ±.020	2 PL DEC ±.010	3 PL DEC ± .003			1/4"=1"	2-2-06	59471-3	*
						TITLE	KIT HOSE 400	