



Models- 9325 series vacuums  
9330 series vacuums

Page 2	Product Information
Page 3	Specifications
Page 4	Important Safety Instructions
Page 5-6	Product Dimensions
Page 7-10	Installation
Page 11-16	Programming
Page 17	Operating Instructions
Page 17-18	Maintenance & Troubleshooting
Page 19-31	Parts List
Page 32-34	Wiring Diagram



9325



9330-1

# **PRODUCT INFORMATION**

Please take a moment to fill out the information below in order to aid us with any future sales or service inquiries. Model number and serial number information can be found on the serial tag located inside the control box and/or on the lower exterior of the can. Key number can be found on the tag that comes attached to the keys. There may be more than one key number depending on unit.

**Please keep this information with your records.**

**MODEL#:**\_\_\_\_\_

**SERIAL#:**\_\_\_\_\_

**KEY NUMBER(S):**\_\_\_\_\_

**DATE PURCHASED:**\_\_\_\_\_

**DISTRIBUTOR:**\_\_\_\_\_

**J.E. Adams Industries  
1025 63rd Ave. S.W.  
Cedar Rapids, IA 52404  
1-800-553-8861  
[www.jeadams.com](http://www.jeadams.com)**

# Specifications

## **120VAC units**

Unit specifications: *(All 120V vacuum motor units)*

Voltage: 120VAC, 60Hz  
Amperage: (1) 30 amp service is required for this unit  
Weight: 267 lbs  
Motors: (1) 120VAC vacuum motor  
Fuses: Internal thermal protection

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## **220VAC units:**

Unit specifications: *(All 2 vacuum motor units)*

Voltage: 220VAC, 50-60Hz  
Amperage: (1) 20 amp service is required for this unit  
Weight: 267 lbs  
Motors: (1) 220VAC vacuum motor  
Fuses: Internal thermal protection

Duty cycle time 4 minutes on, 4 minutes off.

**NOTE: "UNIT INTENDED FOR COMMERCIAL USE ONLY"**

# IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following:

## READ ALL INSTRUCTIONS BEFORE USING (THIS APPLIANCE)

### WARNING – To reduce the risk of fire, electric shock, or injury:

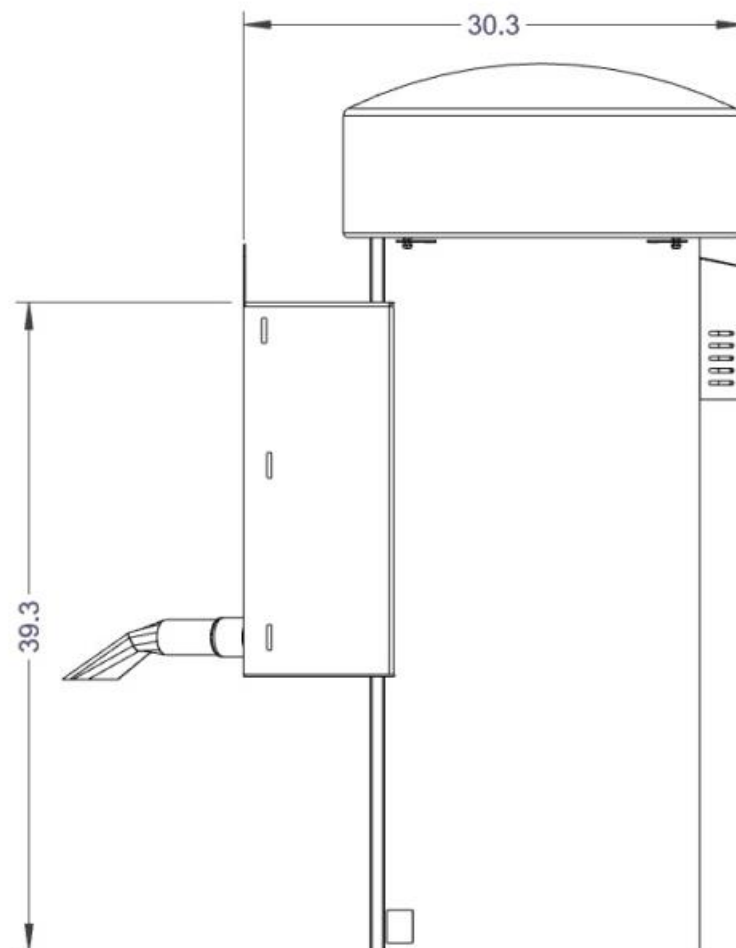
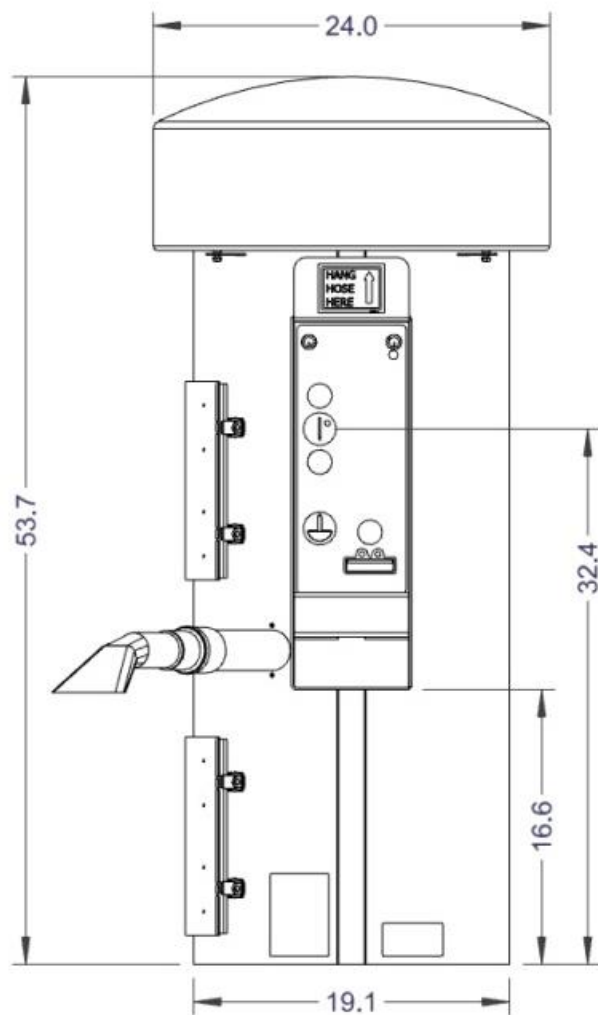
- Do not use on wet surfaces.
- Use only as described in manual. Use only manufactures recommended attachments.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair and anything that may reduce air flow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without dust bag and/or filters in place.



## SAVE THESE INSTRUCTIONS

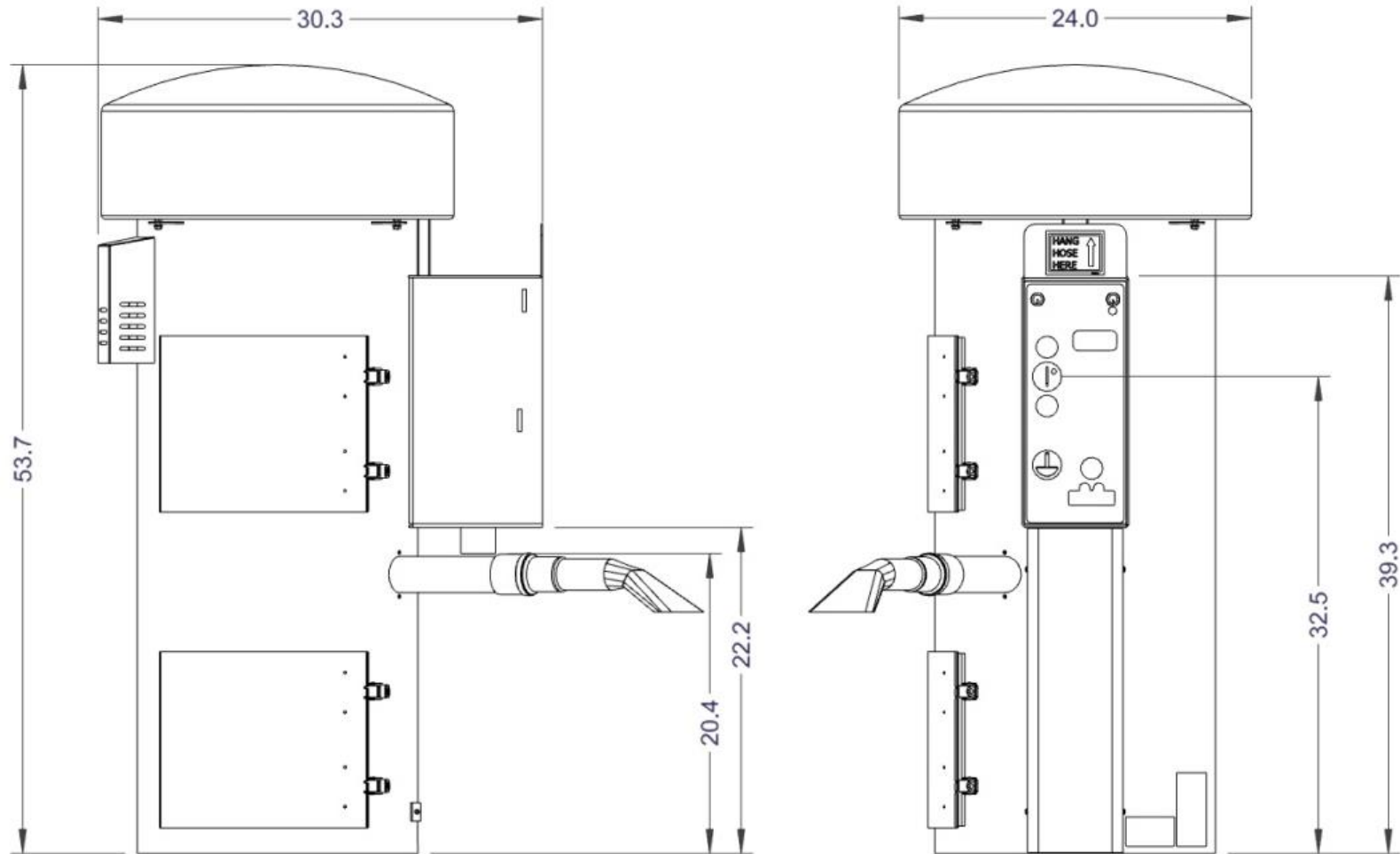
- **Installation Instructions:**
- Determine location to mount unit (“**DANGER**” “THIS EQUIPMENT INCORPORATES PARTS SUCH AS SWITCHES, MOTORS, OR THE LIKE THAT TEND TO PRODUCE ARCS OR SPARKS THAT CAN CAUSE AN EXPLOSION. WHEN LOCATED IN GASOLINE-DISPENSING AND SERVICE STATIONS INSTALL AND USE AT LEAST 20 FEET (6 M) HORIZONTALLY FROM THE EXTERIOR ENCLOSURE OF ANY DISPENSING PUMP AND AT LEAST 18 INCHES (450 MM) ABOVE A DRIVEWAY OR GROUND LEVEL.”
- Run service to the location
- **Grounding Instructions:** This appliance must be connected to a grounded metal, permanent wiring system; or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the appliance.
- All local and national electric codes must be followed for installation and use.
- Licensed electricians are recommended for installation.

# Product Dimensions



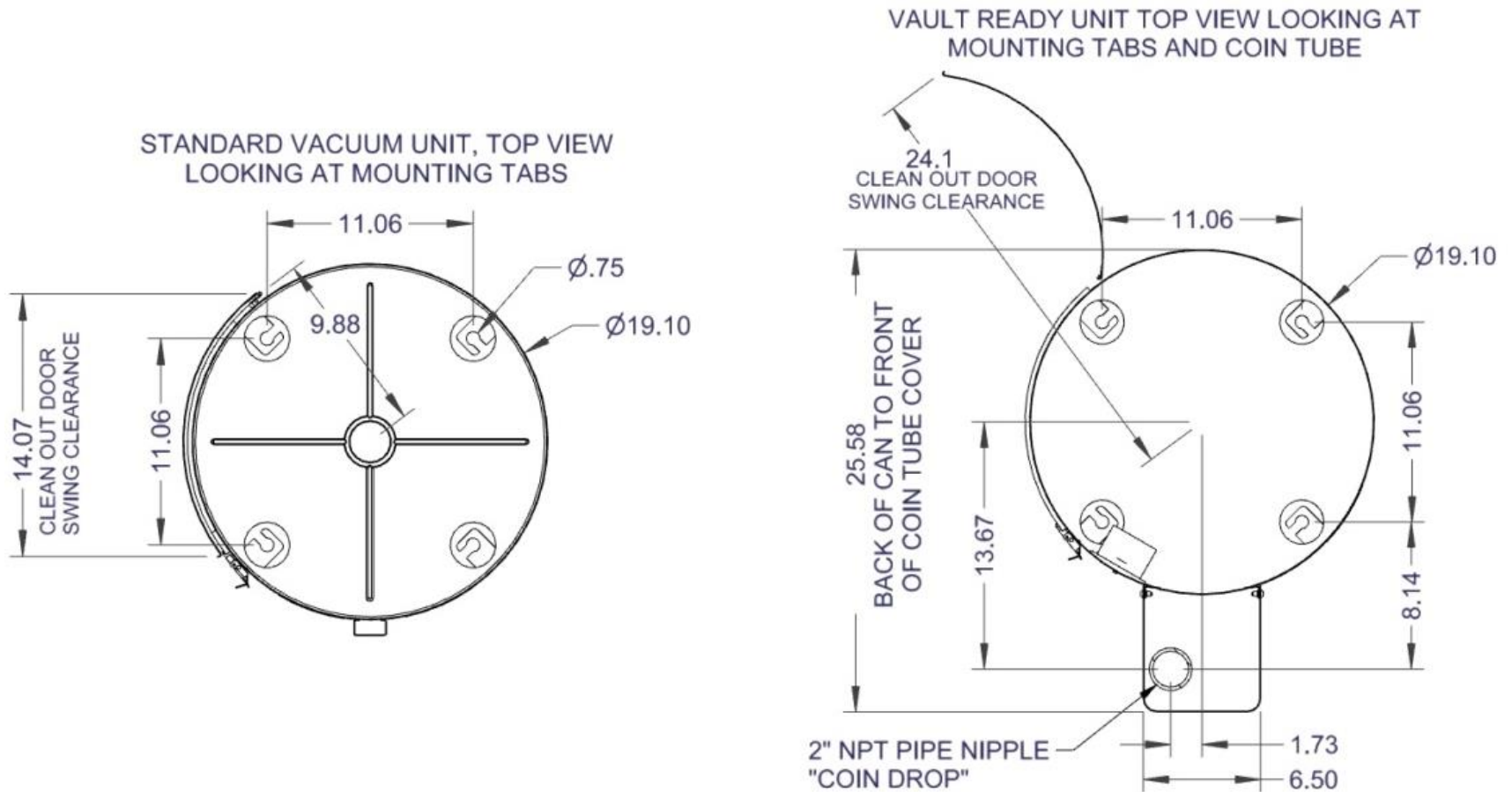
# Product Dimensions

Vault ready version pictured



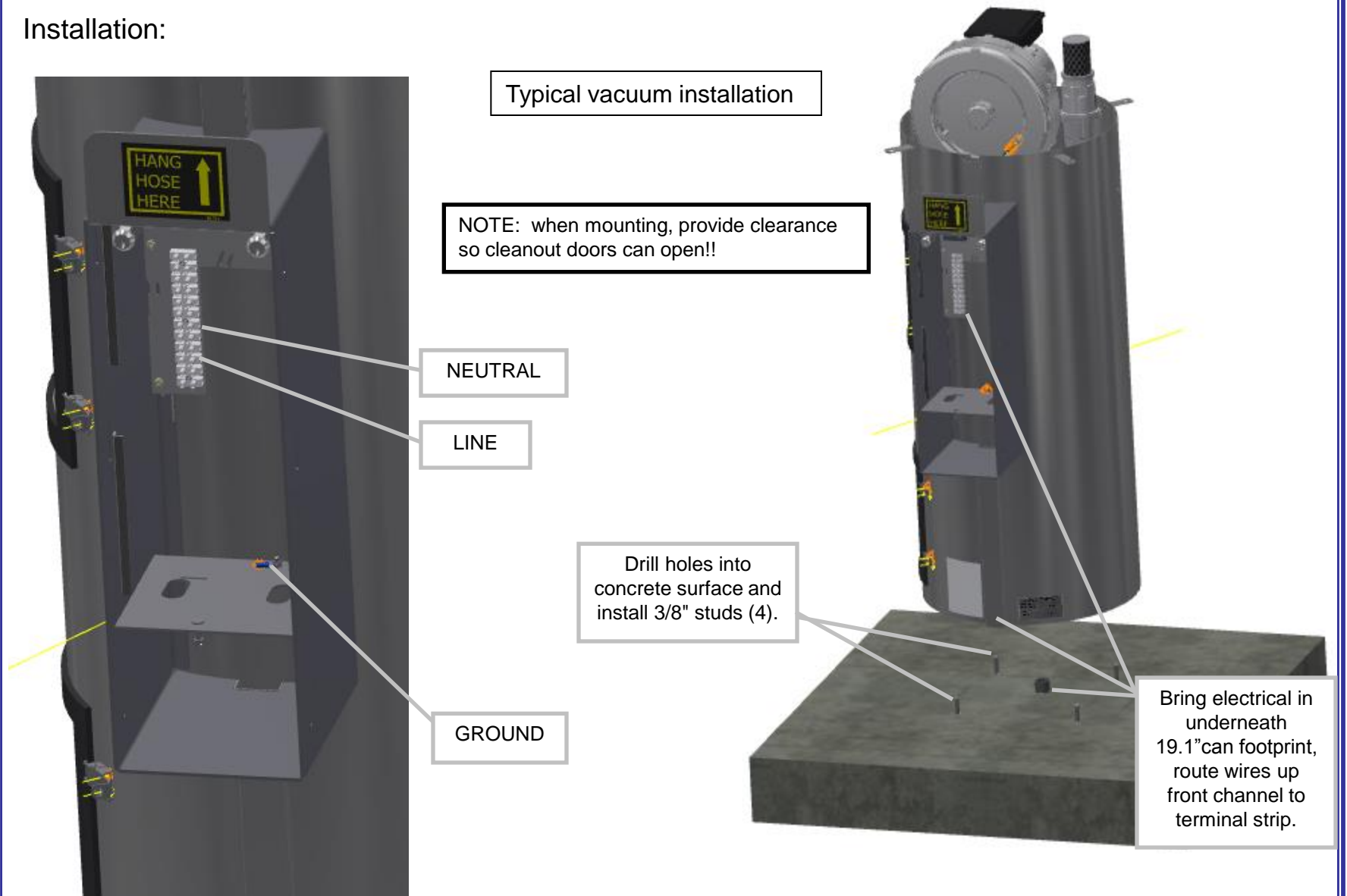
VIEW WITHOUT COIN TUBE COVER  
SCALE .085

## Installation:



NOTE: Views are looking down from top of vac looking at mounting tabs through the access holes in bottom pan.

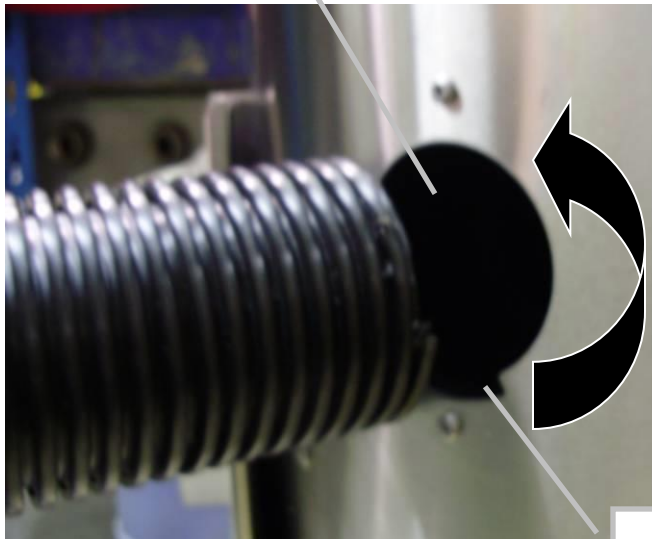
## Installation:



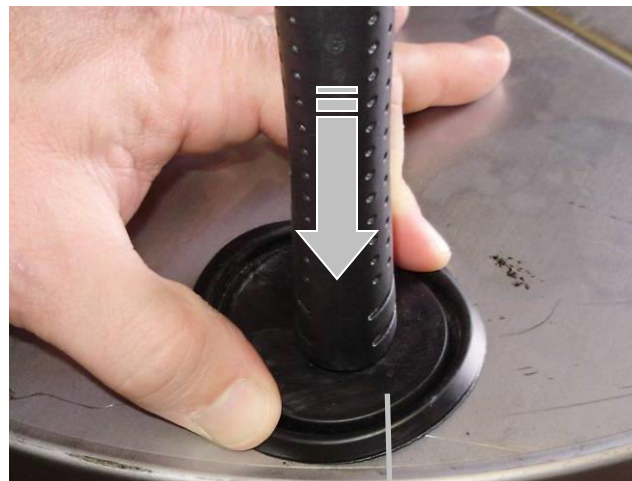


To attach hose, thread into metal hole counter clockwise.

Once unit has been installed use 5871B8 cap plugs (supplied with unit) to seal holes in canister bottom located in lower cleanout door. Extra cap plugs are included with the unit in case plug becomes damaged during shipping removal.



Edge of hose will need to start here.



To insert 5871B8 cap plugs into bottom holes, pinch cap plug into place using index finger and thumb. With edges of plug resting against edges of hole, firmly push down on plug with end of hammer or other blunt object until plug snaps into place.

Now the unit can be turned on and programmed.

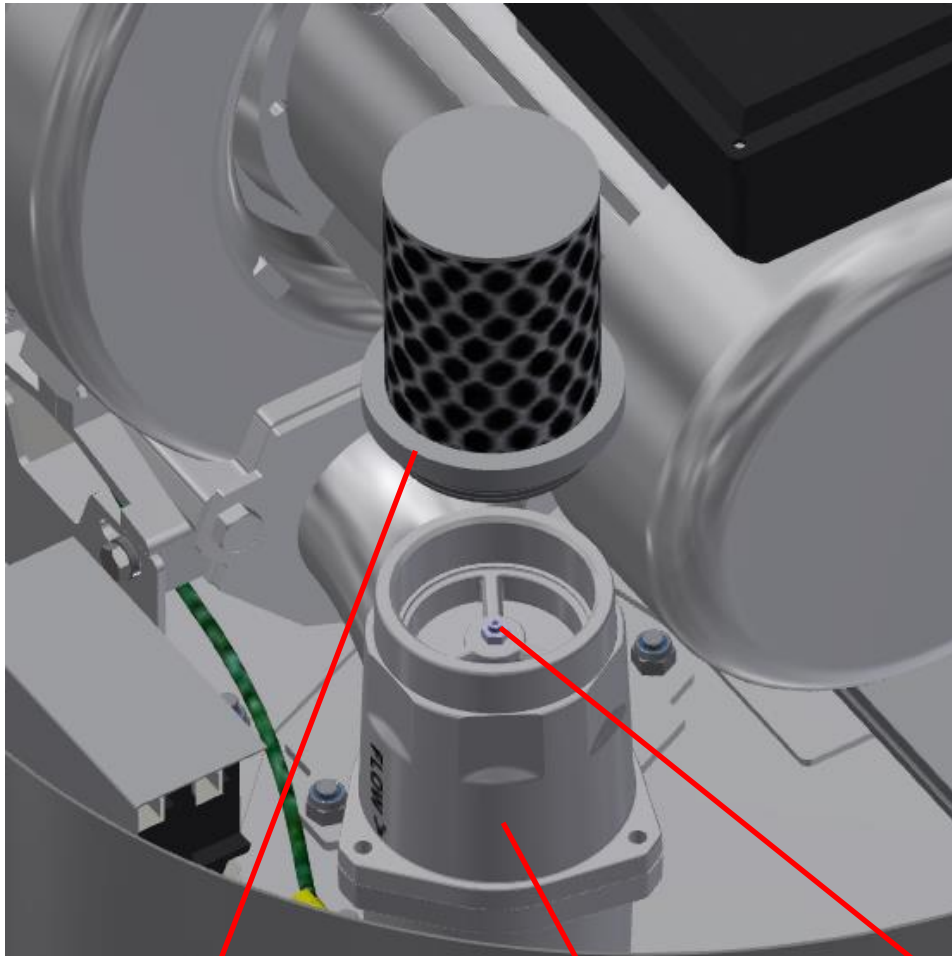
## Programming Instructions:

### Coin acceptor:

No programming to acceptor needed if unit was purchased with the standard Imonex Z3 acceptor (8149 JEA part number) as it is built to accept US quarters.

If different acceptor was purchased, see additional literature sent with unit for programming information.

## CHECKING BYPASS VALVE



Strainer

Bypass valve

Bypass valve  
adjustment screw

Bypass valve is set at factory and shouldn't require adjustment with potential exception to high altitudes. Regardless it is a valuable maintenance item to check to prolong life of motor. To check follow these steps:

1. Remove dome on top of vacuum to access vacuum motor.
2. Apply a clamp on digital amp meter over 10 ga black wire leading to motor.
3. Start vacuum and allow motor to reach max RPM
4. Plug vacuum hose and read amp draw

*Target amperage for 120 volt is 22.5 to 23.5 A.*

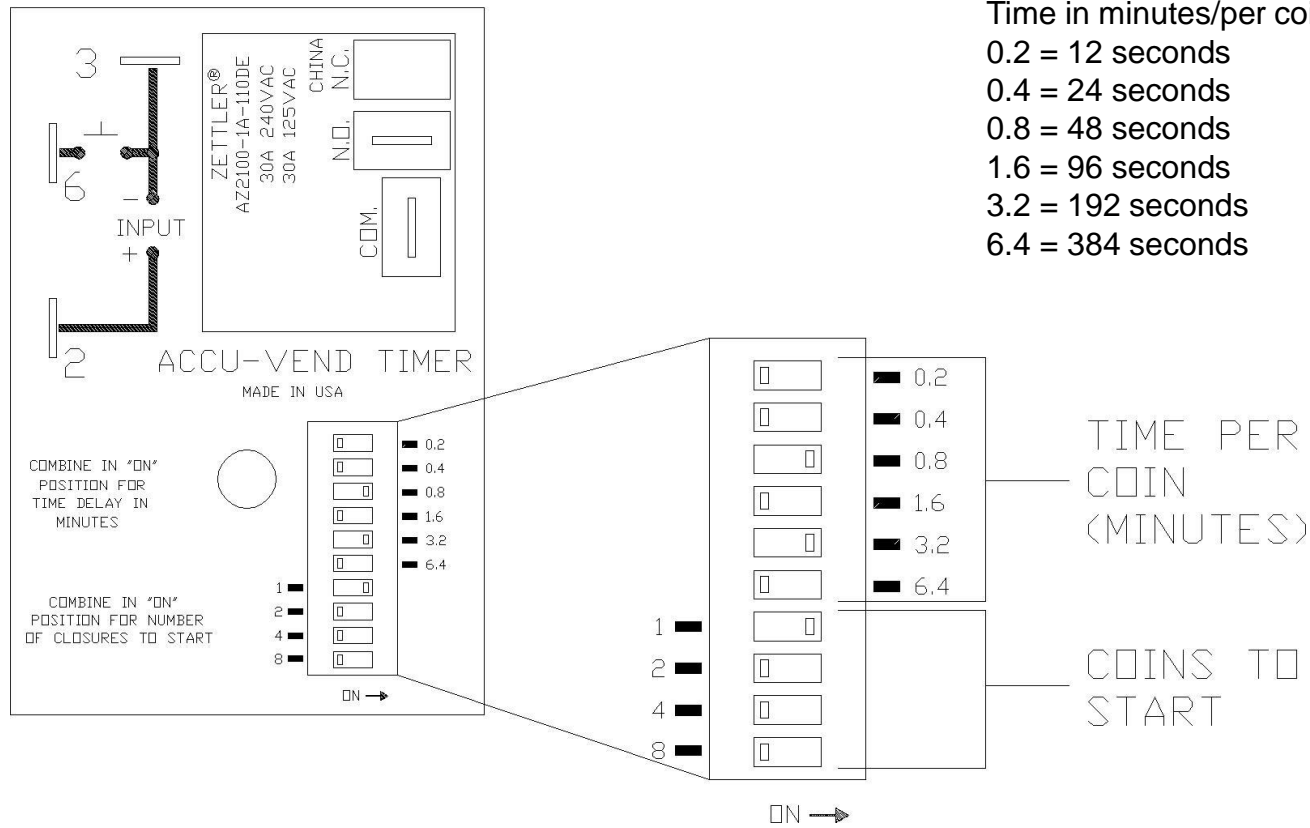
*Target amperage for 220 volt is 10.5 to 11.5 A.*

To adjust, stop vacuum, remove strainer above bypass valve, Loosen 4mm lock nut in center of valve, use 2mm allen wrench to tighten or loosen. Turn to the right to increase bypass pressure (increase amps) . Turn to left to reduce bypass pressure, (reduce amps) This adjustment can be done with vacuum running but any foreign material ingested will go straight to blower and potentially cause damage. Beware.

During normal operation the strainer must be in place and clear of any foreign debris.

## Programming:

The below timer pictured is the standard SSAC model that allows the end user to select the "coins to start" and the "time per coin" by settings series of dip switches. The number of "coins to start" dip switch is how many quarters are needed to make the machine come on. In the below example, the "one coin" dip is selected which makes the unit come on with one coin. The "time per coins" will then need to be set, but a good rule of thumb would be 4 minutes which requires dip switches 3.2 and .8 to be set to on. This scenario means 1 quarter will provide 4 minutes of vacuum time. The time per coin setting can be modified as desired by simply adding or subtracting time. If the operator would later decide to increase the cost of the unit to "2" quarters, the 2 dip switch would need to be in the on position (all others off) and the time dip switches would need to have the 1.6 and 0.4 dips selected. This would allow 2 minutes of time for each quarter for a total of 4 minutes for two quarters.



### **Bill acceptor (optional on some models):**

Bill acceptor comes pre programmed from J.E. Adams and should not require any changes. If additional programming is needed to bill acceptor please refer to additional literature included with this unit.

### **Display (optional on some models):**

Unit may be pre-programmed when received depending on the information given at that the time of order.

To program the optional digital display, follow the steps below or go to JEADAMS.COM and visit the Learning Center:

### **Dixmor LED 7 operating and programming instructions**

Push MODE to change from item to item. Push SET to set desired value or choose option for that item. Pushing SET repeatedly causes numbers to increase. Holding SET causes numbers to decrease. The letter "X" below represents a programmable digit. Default values are shown in [ ].

<b><u>ITEM</u></b>	<b><u>DISPLAY</u></b>	<b><u>REPRESENTS</u></b>
1	COIN VALU [\$.25]	The monetary value assigned to a single coin pulse. Adj from \$.05 to \$5.00.
2	C: XX [30]	Time per coin/pulse. Adj from 0:01 to 9:59.
3	S XXX [008]	Number of coins/pulses to start. Adj from 1 to 200.
4	AUX VALU CN. XX [4]	Auxiliary coin/pulse input pulse multiplier. Adj from 1 to 80.
5	B XXX [9]	Coin/pulses to bonus. Bonus time is given when this coin/pulse is received.
6A	BONUS TIME XX:##	Amount of time added for bonus coin/pulse.
6B	XXXX [00:00]	Adj from 00:00 to 99:59.
7	[SINGLE BONUS]	Bonus time is only added one time when bonus coin pulse is received.
	MULTIPLE BONUS	Bonus time is added for every coin after bonus coin pulse is received.
8	[DEBIT MODE]	Money counts down as coins are inserted.
	CREDIT MODE	Money counts up as coins are inserted.
	BOTH	Money counts up as coins are inserted, plus a prompt of "ADD \$X MORE" if start price is not reached.
9	[DELAYED START]	Two second delay before timing starts after start price is reached.
	INSTANT START	Timing starts as soon as start price is reached.
10	HL XX [10]	Length of warning horn in seconds at one minute of time remaining.

11	[PULSED HORN]	Horn output will pulse for amount of time set in HL:XX.
12	CONTINUOUS HORN [RESTART OFF] RESTART ON	Horn output will stay on continuously for entire last minute. Restart feature turned off. Full price required after time expires. Timer may be restarted with one coin for 20 seconds after time expires.
13	[STD] USER MIX	Standard greeting message displayed. User programmed custom message is displayed. Standard and custom message are displayed.
14	M X:XX [5:00]	Length of washdown cycle using remote control. Adj from 0:00 to 9:59.
15	XXXX [1 2 3 4]	Adjustable remote access code (1234 is default).
16	CC PULSE VALUE \$X:XX [\$.25]	Monetary value assigned to credit card pulse received on pin #8 during count up.
17	[ENG] SPH E & S	Standard message and prompt is displayed in English. Standard message and prompt is displayed in Spanish. Standard message and prompt is displayed in English then Spanish.
18	EXIT	Timer returns to standby.

## **Inventory**

Timer keeps a running count of coins deposited, auxiliary pulses and manual cycles.

To show inventory press **SET**. Timer will display COINS XXXX (Number of coin pulses since last cleared), AUX XXXX (Number of pulses on auxiliary input) then MANUAL XXXX (Number of washdown cycles used since last cleared).

To clear inventory: Press **SET** to display inventory. Press and hold **MODE** until display reads "CLR?". Release **MODE**. Press and hold **MODE** again until timer reads "DONE".

## **Bonus Time Settings**

Amount of time set in bonus time is added to time remaining on timer when bonus coin/pulse is received.

Bonus is disabled by setting bonus time to 00:00.

If "SINGLE BONUS" is selected, bonus time is only added once, when bonus coin/pulse is received. Any coins deposited after that bonus coin will receive the regular time per coin.

If "MULTIPLE BONUS" is selected, every coin deposited after bonus coin/pulse is reached will receive amount of time set in "BONUS TIME".

### **Debit/Credit Mode:**

Debit Mode: As coins are deposited display shows "\$1.75 MORE, \$1.50 MORE, \$1.25 MORE" etc. until start price is reached. Once start price is reached display switches to time accumulating until no more coins have been deposited.

Credit Mode: As coins are deposited display shows money accumulating (\$ .25, \$ .50, \$ .75 etc.). If timer is also set to Delayed Start Mode timer will continue to show money accumulating until no more coins have been deposited. If timer is set to Instant Start mode, as soon as start price is reached, timer will change to time counting down.

Both Mode: As coins are deposited display shows money accumulating (\$ .25, \$ .50, \$ .75 etc). If start price is not reached, after 5 seconds timer will alternate between "ADD \$X.XX MORE" and amount of money already deposited.

### **Credit Card Input:**

Count up mode: No pre-set amount is charged to card. Timer will count up and run until terminated by credit card system. For count up: Close pin #9 (input) to 24 VAC common for more than 400ms. Timer will continue to count up until closure is released for more than 400ms.

To have timer display amount charged to card at end of cycle: Close input as above. Open input for less than 400ms and re-close at intervals determined by pulse value set in "CC PULSE VALUE" (For example: if time per coin is set at 30 sec and "CC Pulse Value" is set at \$ .25, open and close input every 30 seconds. If time per coin is set at 30 sec and "CC Pulse Value" is set at \$ .05, open and close input every 6 seconds.)

Pre-pay mode: A pre-determined amount is charged to credit card each time card is swiped and credit card system sends pulses to input.

Pulses between 16ms and 200ms will register on timer like coin pulses. A pulse between 200ms and 400ms will cause timer to display "VERIFYING CARD". Should a second pulse of 200ms to 400ms be received on input timer will display "TRY DIFFERENT CARD". Minimum time between pulses is 16ms.

***Note: Not all credit card systems can utilize all modes of operation. Contact your credit card system manufacturer for more information on what your system can do.***

## **Messages**

Standard greeting message (English): "PLEASE DEPOSIT \$2.00 TO START".

Standard greeting message (Spanish): "POR FAVOR DEPOSITO \$2.00 PARA EMPEZAR"

Standard exit message (English): "THANK YOU"

Standard exit message (Spanish): "GRACIAS"

## **Custom Message Programming:**

A custom message can be programmed up to 64 characters ( a space counts as a character).

To program a custom message: Push **MODE** until STD appears on display. Push **SET** until USER appears on display. Push and hold **MODE** until "/" appears on right side of display. Push **SET** until first letter of your custom message appears on right side of display. Push **MODE**. The first letter of your message will move over one position to the left and an "A" will appear on the far right. Push **SET** until the second letter of your message appears on the right. Continue in this fashion until you message is complete. (Push **MODE** to advance to the next space in your message, push **SET** to display the letter or character you need. The character you are programming will always be the far right digit.) At the end of your message you MUST put a "/" to indicate the end of the message. Once your message is complete, push and hold **MODE** until USER appears on the display. Push **MODE** until EXIT appears. Message programming is now complete.

## **Count Up Message:**

During count up mode an operator programmable message of up to 31 characters can be displayed every five seconds. To program message push and hold **MODE** when timer is displaying "CC PULSE VALUE" until "/" appears on display, then proceed as above, use **SET** to set letter or character required then press **MODE** to advance to next space. When message is complete, hold **MODE** until timer shows "DONE".



## **Remote Control Operation & Method of Programming:**

Remote control will hold program setup for 15 minutes without batteries to allow you to change batteries without reprogramming remote. If remote loses its program for any reason use the following instructions.

1. Hold down the set button until the red LED blinks twice, then release the button.
2. Enter **0000**

**Wash Down:** Press red power button. Display will show **0000**. Enter your four digit access Code (Default is 1 2 3 4). Timer will show **OK** if code is correct.

Press red power button on remote control. Timer will display **M0:00** and start counting up. Timer will continue to run until washdown cycle length is reached or washdown cycle is stopped by operator. Note: to stop washdown cycle press red power button .

**Inventory:** Press red power button . Display will show 0000. Enter your four digit access code (Default is 1 2 3 4). Timer will show **OK** if code is correct. Press **VOL +** on remote control.

Timer will show **COINS 0000 AUX 0000 MANUAL 0000**. Press **VOL +** again to return to standby message. Coins represents coins deposited. Manual represents the number of washdown cycles.

To clear inventory: With inventory showing, press and hold **CH +** until **CLR?** appears on timer. Press and hold **CH +** again until **DONE** appears on timer. Inventory has now been reset to zero. Clearing inventory resets both coins and manual to zero.

Press **VOL +** to return to standby.

**Timer Programming:** Press red power button. Timer will show **0000**. Enter four digit access code (Default is 1 2 3 4). Timer will show **OK** if code is correct.

Press **CH +** . Timer will display **COIN VALU \$ .25**. Use **VOL +** or **VOL -** to set monetary value of one coin pulse.

Press **CH +** to advance to next item. Use **VOL +** or **VOL -** to set value or make choice for that item.

Continue in this manner until all modes have been programmed. Use **CH +** to move to the next mode. Use **VOL +** or **VOL -** to set required value.

***NOTE: Remote control access will automatically become disabled when no buttons have been pushed for approximately one minute.***



## **Operating Instructions:**

- Insert payment (coins, bills, or credit card) to start vacuum.
- Once service is used, hang up hose.

## **Maintenance:**

- **All servicing of machine should be conducted by an authorized service representative!**
- Filters should be accessed and shaken down weekly. It is recommended to keep a new set of filters on hand so that once every few months the filters can be replaced and then cleaned.
- To maintain performance, empty dirt bin from the canister on a regular basis.
- Inspect screen on bypass valve under dome every week, Ensure screen is open and free of debris.
- Periodically inspect wires and connections for wear or fatigue.
- Check door and motor gaskets periodically for signs of wear or damage and replace as needed.
- Check vac hose for cracks on a weekly basis.
- Clean canister with a stainless steel cleaner as needed. Decals can be cleaned with mild soap and water.
- Regenerative blower bearings should be replaced every 25000 hours by a certified technician.



***DISCONNECT POWER BEFORE SERVICING OR TROUBLESHOOTING!***



## Trouble Shooting:

Problem	Possible cause	Solution
Unit will not come on.	No power to machine.	Check incoming power.
	Loose or bad connection.	Check incoming power connection.
	Timer has no output.	Check output terminal of timer for voltage.
	Coin mech switch or push button is not sending signal to timer.	Bypass switch and touch the two wire together - USE CAUTION 120V!!
	Vacuum motor is bad.	Replace vacuum motor.
Display is not powering.	No power to machine.	Check incoming power.
	No 24 volts from transformer	Check, if no or low voltage, replace.
Display reads "closed" or "coin"	This indicates a continuous coin pulse coming to timer or shorted coin signal wire or switch.	Disconnect coin signal wire at timer and see if problem goes away.
Display reads "error".	This indicates the program may be lost due to bad battery or power spike	Reprogram timer, if problem comes back replace battery.
Display reads "fail"	Coin acceptor putting out continuous pulse	Press mode button on display. If fail does not go away replace coin acceptor.
	Program in display may be lost.	Reprogram display. If fail goes away and comes back, replace battery in display.
Machine is behaving erratically.	Is the incoming power at 120V? (220V for 220V machines)	Check voltage and monitor while machine runs. Low voltage can cause erratic behavior.
	Are any of the machines wires worn through or connections not making contact?	Inspect wiring and connections. Look for sharp bends in wires and places where wire is against the metal chassis.
Unit keeps tripping breaker.	Inadequate wire size ran to machine.	Call electrician and install proper wire size for electrical service versus length or run.
	Vacuum motor is bad.	Replace vacuum motor.
	Wrong size breaker.	Install correct breaker providing wire size is rated for that size breaker.
Vac motor runs but quits when hot.	Inadequate wire size ran to machine.	Call electrician and install proper wire size for 30amp service versus length or run.
	Motor overheating, thermal protection shut off	Clean filters, verify bypass screen is clear and bypass valve working (amp test)
Lack of vacuum suction.	Vac hose clogged?	Clean debris from vac hose.
	Filter needs cleaned or dirt chamber needs emptied?	Clean filter or replace and empty lower dirt chamber.
	Vac hose is split?	Replace/repair vac hose.
	Cleanout door gaskets torn or worn?	Replace gaskets.
	Vac motor gasket is worn or motor is not tight against.	Inspect/replace gaskets and assure motor is tight against gasket.
	Bypass valve is opening early	Do amp test and adjust bypass valve if needed.

9325

BILL OF MATERIALS				BILL OF MATERIALS			
ITEM	PART NUMBER	DESCRIPTION	QTY	ITEM	PART NUMBER	DESCRIPTION	QTY
36	8754	DECAL- ENGLISH/FRENCH/SPANISH, WARN	1	1	18501-FLGW-3	EXHAUST DUCT FITTING REGEN VAC	1
37	8953	MEDECO CAM LOCK W/2 KEYS	2	2	18501-GND	GND CABLE, 18500, 16", W 5/16" RINGS	1
38	9200-1D-1-10	DECAL, FACEPLATE	1	3	18501-GND-2	CABLE, GND, INLET TO VAC TOP	1
39	9202-50-44	FILTER, PLEATED CARTRIDGE	2	4	18501-P6	BLOWER STRAINER, 2" NPT THREAD	1
40	9209-2W-1	FACEPLATE WELDMENT- NO VAL	1	5	18501-V1A-115	BLOWER, REGEN VAC CONFIGURATION	1
41	9321RGW-2	CAN WELDMENT, REGEN VAC, PAY TOWER	1	6	18501-VRL6	REGEN VAC RELIEF VALVE, 2" NPT	1
42	9325-SPA	SUB PLATE, ASY, SSAC	1	7	2036	HOSE, 2" X 15' BLACK VACUUM	1
43	B5722-002	NUT, 3/8-16 UNC HEX LOCK NUT	4	8	2058	CLAW/CUFF ASSEMBLY, 2"	1
				9	32010-E	PALLET- VAC ISLAND MODULE	1
				10	5600D4	3/8-16 X 1.5 HHCS	4
				11	5603D1	10-24 Std NC Nylock Nut	1
				12	5603D10	NUT NYLOCK, #6-32, SS	4
				13	5603D2	1/4-20 NYLOCK NUT, SS	7
				14	5606D22	WASHER, 3/8 FENDER	8
				15	5636D1	#10-24 PHIL. PAN HEAD SCREW	5
				16	5638D1	BOLT, M8X12, HH, SS	1
				17	5647D2	RIVET, 1/8 SS POP RIVET 1/16	16
				18	5664D3	WING NUT, 3/8-16, 18-8 SS	2
				19	5871b8	PLUG, VAC BOTTOM 2-1/2"	8
				20	5902D1	TERM, RING, #10, 14-16AWG, INS.	1
				21	5967B020	CONTACTOR, 2 POLE, 40A, 120VAC COIL	1
				22	5967B020B	BARRIER, NON-CONDUCTIVE, CONTACTOR	1
				23	8149	IMONEX COIN ACCEPTOR	1
				24	8153-1	LATCH, CLEANOUT DOOR	4
				25	8159	DOOR GASKET	2
				26	8183	DECAL, "DISCONNECT POWER"	1
				27	8204RW	COIN BOX, PIN LOCK WELDMENT	1
				28	8305	ASSEMBLED SS DOME	1
				29	8423-2	DECAL, DOME, VACUUM	1
				30	8427-1	DECAL, CANISTER, VACUUM	1
				31	8429-1	DECAL, HANG HOSE HERE	1
				32	8434D001	DECAL ETL LISTED	1
				33	8615-5W	CLEANOUT DOOR WELDMENT	2
				34	8638	PIN LOCK	1
				35	8732	NAMEPLATE SERIAL TAG, UL	1



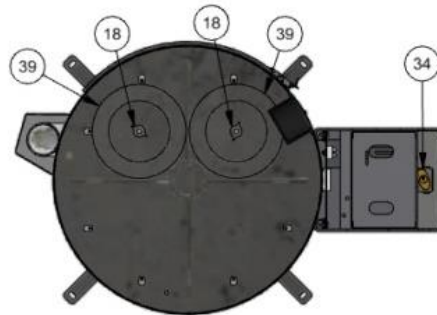
-	8458	RELEASED	6/5/19	MWS	<div> <div>THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION THEREIN BE USED BY OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY J.E. ADAMS INDUSTRIES</div> <div> <div> <div>TITLE</div> <div>VAC, REGEN, LGD, CAM LOCK</div> </div> <div> <div>UNSPECIFIED TOLERANCES</div> <div>1 PL ±.030</div> <div>2 PL ±.020</div> <div>3 PL ±.003</div> <div>ANGLE ±1°</div> </div> <div> <div>MATERIAL</div> <div>PROVEN BY</div> <div>DATE</div> <div>7/20/2018</div> </div> <div> <div>SCALE</div> <div>.06</div> </div> <div> <div>SHEET</div> <div>1 / 3</div> </div> <div> <div>PART NO</div> <div>9325</div> </div> <div> <div>REV.</div> <div>-</div> </div> </div> </div>
REV	NO.	DESCRIPTION	DATE	BY	

ARROW ON VALVE SHOULD  
BE ORIENTED DOWN

VERIFY VOLTAGE IS  
CONFIGURED, SEE  
18501-V1A-115

TO EASE ASSEMBLY END FLANGE SHOULD  
BE REMOVED. THREAD FITTING NO MORE  
THAN 3/8" INTO FLANGE. OK FOR FITTING  
TO BE A LITTLE LOSE IN FLANGE.

VIEW A-A  
SCALE .085

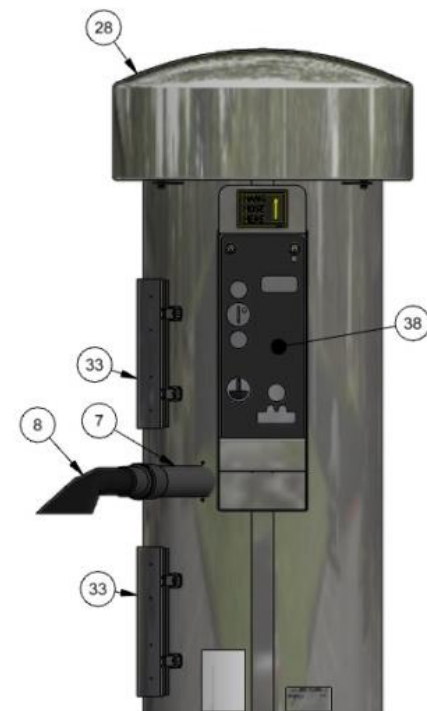
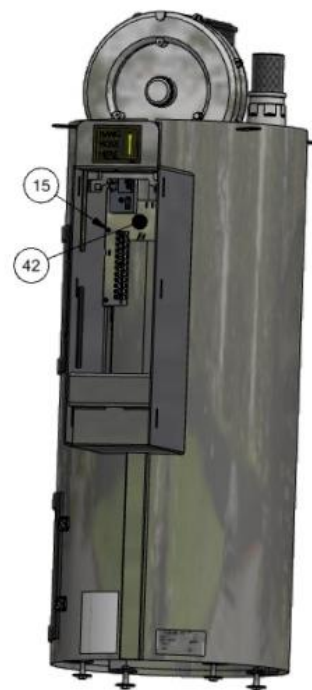
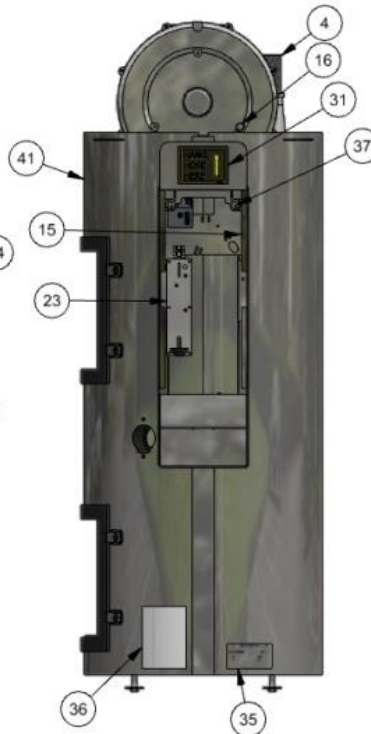
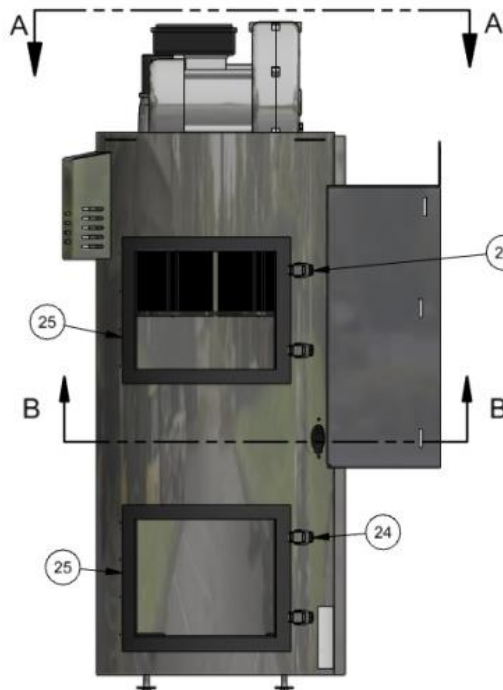



SECTION B-B  
SCALE .085

# SETTING OF THE RELIEF VALVE (18501-VRL6):

TOOLS NEEDED: AMP METER, 7MM SOCKET, 2MM ALLEN WRENCH.  
REMOVE 18501-P6 SCREEN, VERIFY VALVE 18501-VRL6 IS FACING UP.  
POWER VACUUM WITH INLET OPEN AND APPLY AMP METER ON BLACK  
POWER WIRE. PLUG VACUUM COMPLETELY AND READ AMPS.  
LOOSEN LOCKNUT ON TOP OF VALVE AND TURN ALLEN SCREW IN OR  
OUT TO ADJUST BYPASS VALVE UNTIL 120 VOLT MACHINE READS 23  
TO 23.5 AMPS. 220 VOLT MACHINE SHOULD READ 11 TO 11.5 AMPS.  
UNPLUG VACUUM AND REPLUG TO VERIFY VALVE RUNS FREELY AND  
AMPS MEET NOTED VALUES WHEN PLUGGED. TIGHTEN LOCKNUT AND  
REPLACE SCREEN OVER VALVE. IMPORTANT THAT UNIT IS TESTED  
COMPLETELY PLUGGED AND AMP RATING OF MOTOR IS NEVER  
EXCEEDED.

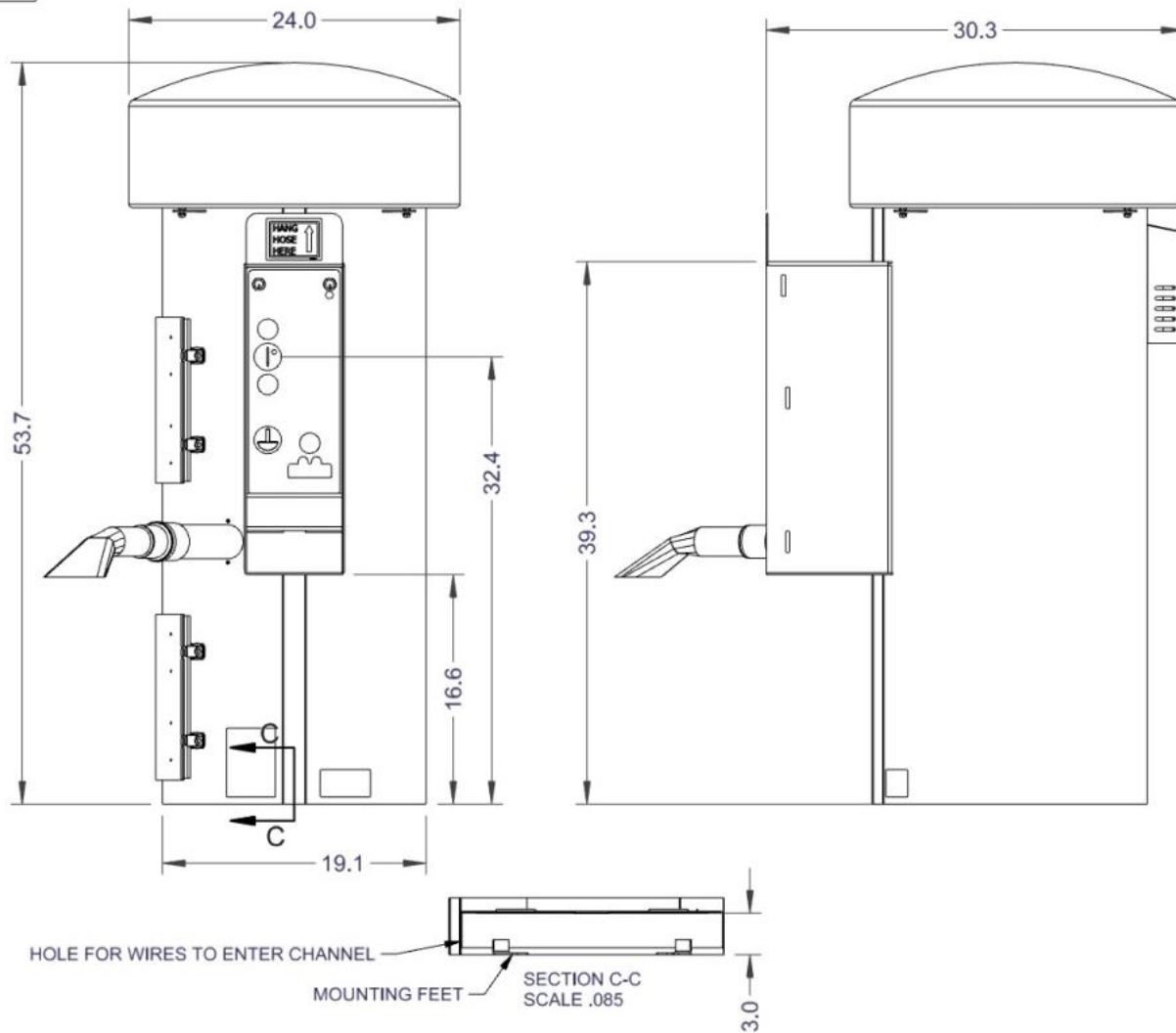
ADJUSTMENT



TITLE			
VAC, REGEN, LGD, CAM LOCK			
UNSPECIFIED TOLERANCES	MATERIAL		
	DRAWN BY		
	DATE		
	7/20/2018		
1 PL ± .030	SCALE		SHEET 2 / 3
2 PL ± .020	ANGLE ± 1°		
3 PL ± .003			
PART NO. 9325			REV. -

REV	NO.	DESCRIPTION	DATE	BY
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TITLE			
VAC, REGEN, LGD, CAM LOCK			
UNSPECIFIED TOLERANCES		EXTERNAL	
1 PL	± .030	DRAWN BY	
2 PL	± .020	DATE	
3 PL	± .003	7/20/2018	
ANGLE	± 1°	SCALE	.06
		SHEET	3 / 3
		PART NO	9325
		REV.	-

CEDAR RAPIDS, IOWA



REV NO. DESCRIPTION DATE BY

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PART  
NO.

9325-1

## BILL OF MATERIALS

ITEM	PART NUMBER	DESCRIPTION	QTY
36	8732	NAMEPLATE SERIAL TAG, UL	1
37	8754	DECAL- ENGLISH/FRENCH/SPANISH, WARN	1
38	8953	MEDECO CAM LOCK W/2 KEYS	2
39	9200-1D-1-10	DECAL, FACEPLATE	1
40	9200-1D-1-10-BA	DECAL, INSERT BILL	1
41	9202-50-44	FILTER, PLEATED CARTRIDGE	2
42	9209-2W	FACEPLATE WELDMENT, SHAMPOO	1
43	9321RGW-2	CAN WELDMENT, REGEN VAC, PAY TOWER	1
44	9325-SPA	SUB PLATE, ASY, SSAC	1
45	9500-56	CABLE ASY, BILL ACCEPTOR, 30" EXT.	1
46	B5722-002	NUT, 3/8-16 UNC HEX LOCK NUT	4


## BILL OF MATERIALS

ITEM	PART NUMBER	DESCRIPTION	QTY
1	18501-FLGW-3	EXHAUST DUCT FITTING REGEN VAC	1
2	18501-GND	GND CABLE, 18500, 16", W 5/16" RINGS	1
3	18501-GND-2	CABLE, GND, INLET TO VAC TOP	1
4	18501-P6	BLOWER STRAINER, 2" NPT THREAD	1
5	18501-V1A-115	BLOWER, REGEN VAC CONFIGURATION	1
6	18501-VRL6	REGEN VAC RELIEF VALVE, 2" NPT	1
7	2036	HOSE, 2" X 15' BLACK VACUUM	1
8	2058	CLAW/CUFF ASSEMBLY, 2"	1
9	32010-E	PALLET- VAC ISLAND MODULE	1
10	5600D4	3/8-16 X 1.5 HHCS	4
11	5603D1	10-24 Std NC Nylock Nut	1
12	5603D10	NUT NYLOCK, #6-32, SS	8
13	5603D2	1/4-20 NYLOCK NUT, SS	7
14	5606D22	WASHER, 3/8 FENDER	8
15	5636D1	#10-24 PHIL. PAN HEAD SCREW	5
16	5638D1	BOLT, M8X12, HH, SS	1
17	5647D2	RIVET, 1/8 SS POP RIVET 1/16	16
18	5664D3	WING NUT, 3/8-16, 18-8 SS	2
19	5871b8	PLUG, VAC BOTTOM 2-1/2"	8
20	5902D1	TERM, RING, #10, 14-16AWG, INS.	1
21	5967B020	CONTACTOR, 2 POLE, 40A, 120VAC COIL	1
22	5967B020B	BARRIER, NON-CONDUCTIVE, CONTACTOR	1
23	8130-6	MEI MARS, 110V BILL VALIDATOR	1
24	8149	IMONEX COIN ACCEPTOR	1
25	8153-1	LATCH, CLEANOUT DOOR	4
26	8159	DOOR GASKET	2
27	8183	DECAL, "DISCONNECT POWER"	1
28	8204RW	COIN BOX, PIN LOCK WELDMENT	1
29	8305	ASSEMBLED SS DOME	1
30	8423-2	DECAL, DOME, VACUUM	1
31	8427-1	DECAL, CANISTER, VACUUM	1
32	8429-1	DECAL, HANG HOSE HERE	1
33	8434d001	DECAL, ETL LISTED	1
34	8615-5W	CLEANOUT DOOR WELDMENT	2
35	8638	PIN LOCK	1

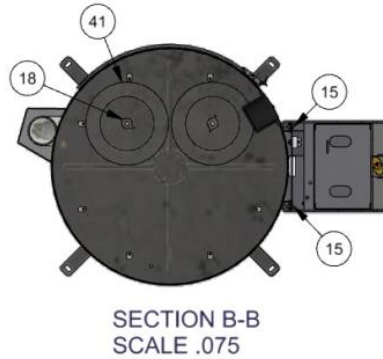
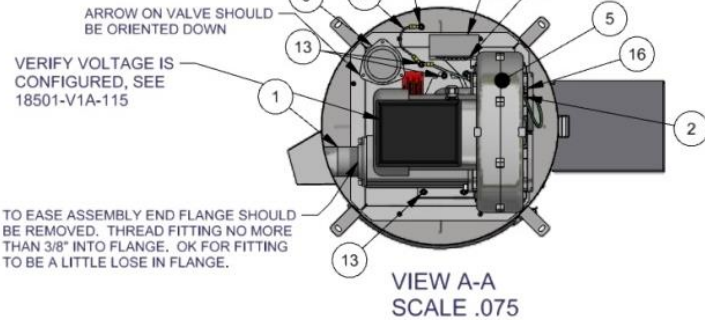


-	8458	RELEASED	6/5/19	MWS
REV	NO.	DESCRIPTION	DATE	BY

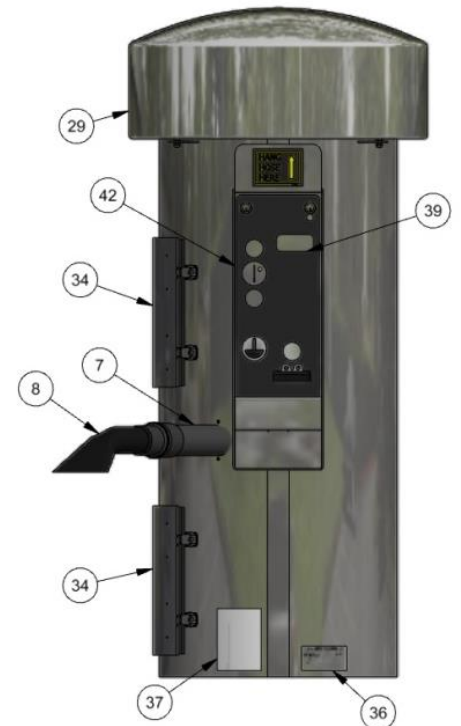
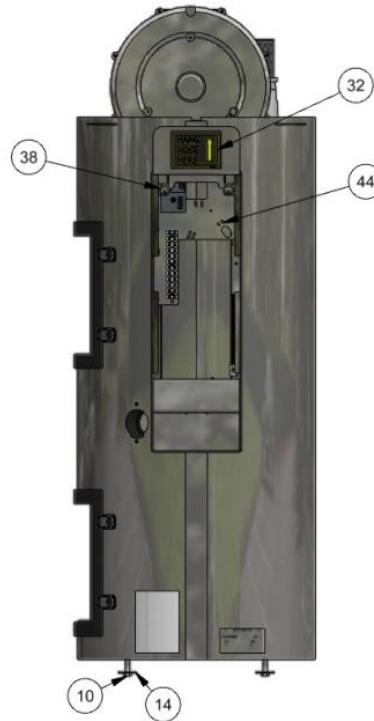
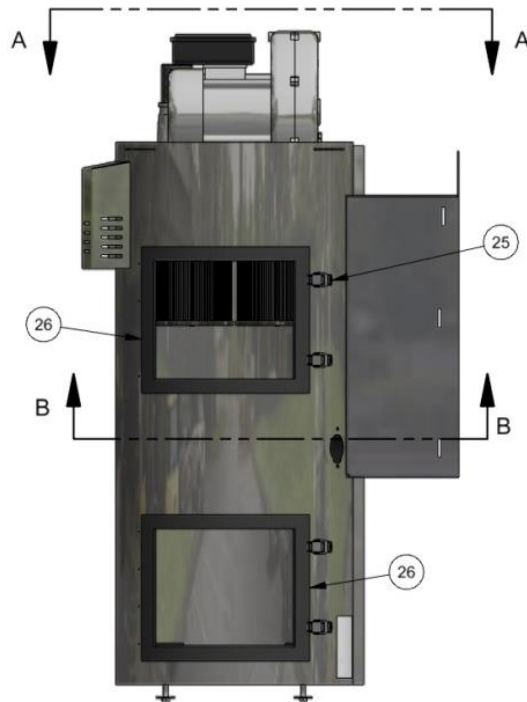
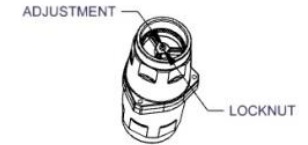
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TITLE VAC, REGEN, LGD,V, CAM LOCK			
UNSPECIFIED TOLERANCES	MATERIAL	CEDAR RAPIDS, IOWA	
1 PL ±.030	DRAWN BY		
2 PL ±.020	DATE		
3 PL ±.003	7/20/2018		
ANGLE ± 1°	SCALE .06	SHEET 1 / 2	PART NO. 9325-1

9325-1



**SETTING OF THE RELIEF VALVE (18501-VRL6):**  
 TOOLS NEEDED: AMP METER, 7MM SOCKET, 2MM ALLEN WRENCH.  
 REMOVE 18501-P6 SCREEN, VERIFY VALVE 18501-VRL6 IS FACING UP.  
 POWER VACUUM WITH INLET OPEN AND APPLY AMP METER ON BLACK POWER WIRE. PLUG VACUUM COMPLETELY AND READ AMPS.  
 LOOSEN LOCKNUT ON TOP OF VALVE AND TURN ALLEN SCREW IN OR OUT TO ADJUST BYPASS VALVE UNTIL 120 VOLT MACHINE READS 23 TO 23.5 AMPS. 220 VOLT MACHINE SHOULD READ 11 TO 11.5 AMPS.  
 UNPLUG VACUUM AND REPLUG TO VERIFY VALVE RUNS FREELY AND AMPS MEET NOTED VALUES WHEN PLUGGED. TIGHTEN LOCKNUT AND REPLACE SCREEN OVER VALVE. IMPORTANT THAT UNIT IS TESTED COMPLETELY PLUGGED AND AMP RATING OF MOTOR IS NEVER EXCEEDED.



TITLE			
VAC, REGEN, LGD,V, CAM LOCK			
UNSPECIFIED TOLERANCES		MATERIAL	
1 PL ±.030	BY	CEDAR RAPIDS, IOWA	
2 PL ±.020	DATE	7/20/2018	
3 PL ±.003	SCALE	SHEET	REV.
ANGLE ±1°	.06	2 / 2	9325-1


## BILL OF MATERIALS

ITEM	PART NUMBER	DESCRIPTION	QTY
36	9209-2W	FACEPLATE WELDMENT, SHAMPOO	1
37	9321RGW-3	CAN WELDMENT, REGEN VAC, PAY TOWER	1
38	9325-SPA	SUB PLATE, ASY, SSAC	1
39	9500-56	CABLE ASY, BILL ACCEPTOR, 30" EXT.	1
40	B5722-002	NUT, 3/8-16 UNC HEX LOCK NUT	4
41	8423-2	DECAL, DOME, VACUUM	1
42	8427-1	DECAL, CANISTER VACUUM	1
43	8434D001	DECAL, ETL LISTED	1

## BILL OF MATERIALS

ITEM	PART NUMBER	DESCRIPTION	QTY
1	18501-FLGW-3	EXHAUST DUCT FITTING REGEN VAC	1
2	18501-GND	GND CABLE, 18500, 16", W 5/16" RINGS	1
3	18501-GND-2	CABLE, GND, INLET TO VAC TOP	1
4	18501-P6	BLOWER STRAINER, 2" NPT THREAD	1
5	18501-V1A-115	BLOWER, REGEN VAC CONFIGURATION	1
6	18501-VR16	REGEN VAC RELIEF VALVE, 2" NPT	1
7	2036	HOSE, 2" X 15' BLACK VACUUM	1
8	2058	CLAW/CUFF ASSEMBLY, 2"	1
9	32010-E	PALLET- VAC ISLAND MODULE	1
10	5600D4	3/8-16 X 1.5 HHCS	4
11	5603D1	10-24 Std NC Nylock Nut	1
12	5603D10	NUT NYLOCK, #6-32, SS	8
13	5603D2	1/4-20 NYLOCK NUT, SS	7
14	5606D22	WASHER, 3/8 FENDER	8
15	5636D1	#10-24 PHIL. PAN HEAD SCREW	5
16	5638D1	BOLT, M8X12, HH, SS	1
17	5647D2	RIVET, 1/8 SS POP RIVET 1/16	16
18	5664D3	WING NUT, 3/8-16, 18-8 SS	2
19	5871b8	PLUG, VAC BOTTOM 2-1/2"	8
20	5902D1	TERM, RING, #10, 14-16AWG, INS.	1
21	5967B020	CONTACTOR, 2 POLE, 40A, 120VAC COIL	1
22	5967B020B	BARRIER, NON-CONDUCTIVE, CONTACTOR	1
23	8130-6	MEI MARS, 110V BILL VALIDATOR	1
24	8149	IMONEX COIN ACCEPTOR	1
25	8153-1	LATCH, CLEANOUT DOOR	4
26	8159	DOOR GASKET	2
27	8183	DECAL, "DISCONNECT POWER"	1
28	8305	ASSEMBLED SS DOME	1
29	8429-1	DECAL, HANG HOSE HERE	1
30	8615-5W	CLEANOUT DOOR WELDMENT	2
31	8732	NAMEPLATE SERIAL TAG, UL	1
32	8754	DECAL- ENGLISH/FRENCH/SPANISH, WARN	1
33	8953	MEDECO CAM LOCK W/2 KEYS	2
34	9200-1D-1-10	DECAL, FACEPLATE	1
35	9202-50-44	FILTER, PLEATED CARTRIDGE	2

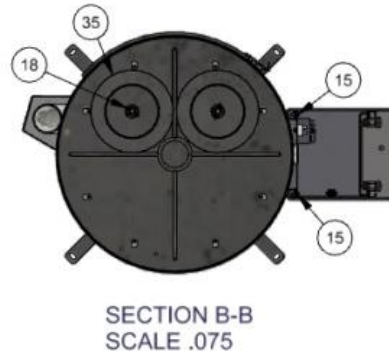
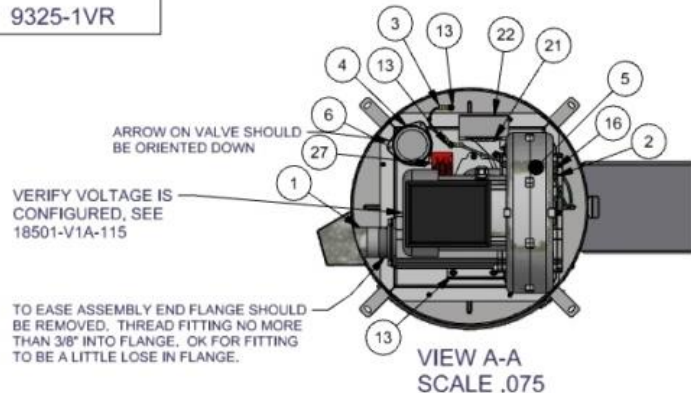


TITLE		VAC, REGEN, LGD, CAM LOCK,V, VR	
UNSPECIFIED TOLERANCES	EXTERNAL	PROVIDED BY	CEDAR RAPIDS, IOWA
1 PL ± .030	DATE	5/20/2019	
2 PL ± .020	SCALE	.05	
3 PL ± .003	SHEET	1 / 2	
ANGLE ± 1°	PART NO.	9325-1VR	REV.

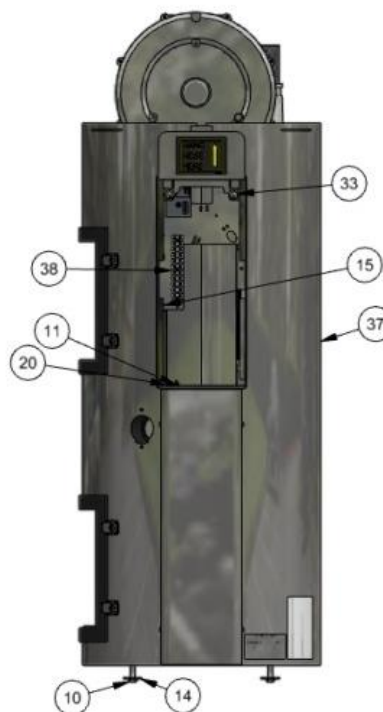
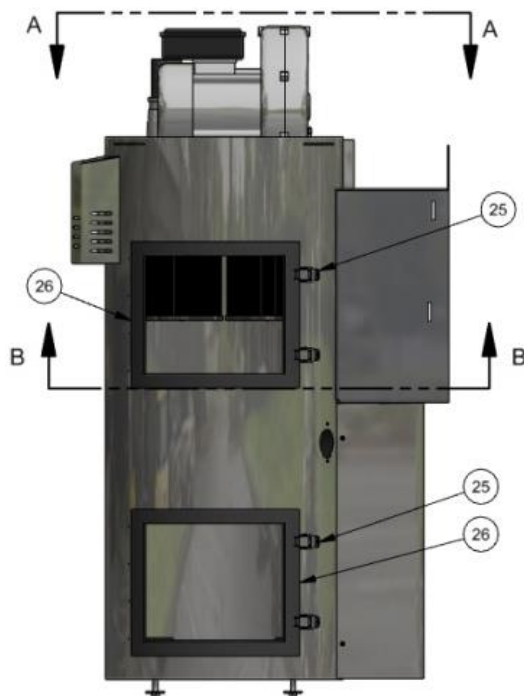
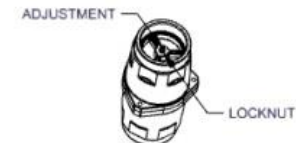
-	8458	RELEASED	6/5/19	MWS
REV	NO.	DESCRIPTION	DATE	BY

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**SETTING OF THE RELIEF VALVE (18501-VRL6):**  
 TOOLS NEEDED: AMP METER, 7MM SOCKET, 2MM ALLEN WRENCH.  
 REMOVE 18501-P6 SCREEN, VERIFY VALVE 18501-VRL6 IS FACING UP.  
 POWER VACUUM WITH INLET OPEN AND APPLY AMP METER ON BLACK  
 POWER WIRE. PLUG VACUUM COMPLETELY AND READ AMPS.  
 LOOSEN LOCKNUT ON TOP OF VALVE AND TURN ALLEN SCREW IN OR  
 OUT TO ADJUST BYPASS VALVE UNTIL 120 VOLT MACHINE READS 23  
 TO 23.5 AMPS. 220 VOLT MACHINE SHOULD READ 11 TO 11.5 AMPS.  
 UNPLUG VACUUM AND REPLUG TO VERIFY VALVE RUNS FREELY AND  
 AMPS MEET NOTED VALUES WHEN PLUGGED. TIGHTEN LOCKNUT AND  
 REPLACE SCREEN OVER VALVE. IMPORTANT THAT UNIT IS TESTED  
 COMPLETELY PLUGGED AND AMP RATING OF MOTOR IS NEVER  
 EXCEEDED.



REV	NO.	DESCRIPTION	DATE	BY
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TITLE		VAC, REGEN, LGD, CAM LOCK,V, VR		
UNSPECIFIED TOLERANCES	MATERIAL	CEDAR RAPIDS, IOWA		
1 PL ±.030	DRAWN BY	J.E. ADAMS INDUSTRIES, LTD.		
2 PL ±.020	DATE	5/20/2019		
3 PL ±.003	SCALE	.05		
ANGLE ± 1°	SHEET	2 / 2		
PART NO		9325-1VR		
REV.		-		



BILL OF MATERIALS				BILL OF MATERIALS			
ITEM	PART NUMBER	DESCRIPTION	QTY	ITEM	PART NUMBER	DESCRIPTION	QTY
36	8754	DECAL- ENGLISH/FRENCH/SPANISH, WARN	1	1	18501-FLGW-3	EXHAUST DUCT FITTING REGEN VAC	1
37	8953	MEDECO CAM LOCK W/2 KEYS	2	2	18501-GND	GND CABLE, 18500, 16", W 5/16" RINGS	1
38	9200-1D-1-10	DECAL, FACEPLATE	1	3	18501-GND-2	CABLE, GND, INLET TO VAC TOP	1
39	9202-50-44	FILTER, PLEATED CARTRIDGE	2	4	18501-P6	BLOWER STRAINER, 2" NPT THREAD	1
40	9209-2W-1	FACEPLATE WELDMENT- NO VAL	1	5	18501-V1A-220	BLOWER, REGEN VAC CONFIGURATION	1
41	9321RGW-2	CAN WELDMENT, REGEN VAC, PAY TOWER	1	6	18501-VRL6	REGEN VAC RELIEF VALVE, 2" NPT	1
42	9325-SPA-220V	SUB PLATE, ASY, 220V TIMER PLT	1	7	2036	HOSE, 2" X 15' BLACK VACUUM	1
43	B5722-002	NUT, 3/8-16 UNC HEX LOCK NUT	4	8	2058	CLAW/CUFF ASSEMBLY, 2"	1
				9	32010-E	PALLET- VAC ISLAND MODULE	1
				10	5600D4	3/8-16 X 1.5 HHCS	4
				11	5603D1	10-24 Std NC Nylock Nut	1
				12	5603D10	NUT NYLOCK, #6-32, SS	4
				13	5603D2	1/4-20 NYLOCK NUT, SS	7
				14	5606D22	WASHER, 3/8 FENDER	8
				15	5636D1	#10-24 PHIL. PAN HEAD SCREW	5
				16	5638D1	BOLT, M8X12, HH, SS	1
				17	5647D2	RIVET, 1/8 SS POP RIVET 1/16	16
				18	5664D3	WING NUT, 3/8-16, 18-8 SS	2
				19	5871b8	PLUG, VAC BOTTOM 2-1/2"	8
				20	5902D1	TERM, RING, #10, 14-16AWG, INS.	1
				21	5967B020B	BARRIER, NON-CONDUCTIVE, CONTACTOR	1
				22	5967B021	CONTACTOR, 2 POLE, 40A, 220VAC COIL	1
				23	8149	IMONEX COIN ACCEPTOR	1
				24	8153-1	LATCH, CLEANOUT DOOR	4
				25	8159	DOOR GASKET	2
				26	8183	DECAL, "DISCONNECT POWER"	1
				27	8204RW	COIN BOX, PIN LOCK WELDMENT	1
				28	8305	ASSEMBLED SS DOME	1
				29	8423-2	DECAL, DOME, VACUUM	1
				30	8427-1	DECAL, CANISTER, VACUUM	1
				31	8429-1	DECAL, HANG HOSE HERE	1
				32	8434D001	DECAL, ETL LISTED	1
				33	8615-5W	CLEANOUT DOOR WELDMENT	2
				34	8638	PIN LOCK	1
				35	8732	NAMEPLATE SERIAL TAG, UL	1

-	8458	RELEASED	6/5/19	MWS
REV	NO.	DESCRIPTION	DATE	BY

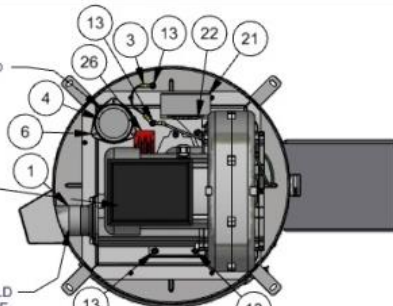
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TITLE VAC, REGEN, LGD, CAM LOCK, 220V			
UNSPECIFIED TOLERANCES 1 PL ±.030 2 PL ±.020 3 PL ±.003 ANGLE ± 1°	EXTERNAL DRAWN BY DATE 7/20/2018		 CEDAR RAPIDS, IOWA
	SCALE .06	SHEET 1 / 2	
	PART NO 9325-220V		

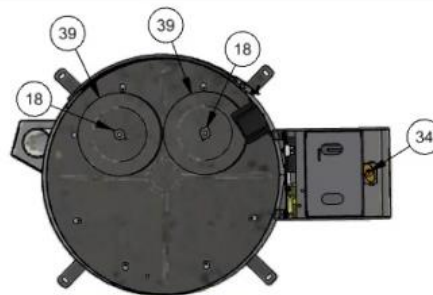
ARROW ON VALVE SHOULD BE ORIENTED DOWN

VERIFY VOLTAGE IS CONFIGURED, SEE 18501-V1A-220V

TO EASE ASSEMBLY END FLANGE SHOULD BE REMOVED. THREAD FITTING NO MORE THAN 3/8" INTO FLANGE. OK FOR FITTING TO BE A LITTLE LOSE IN FLANGE.



VIEW A-A  
SCALE .075



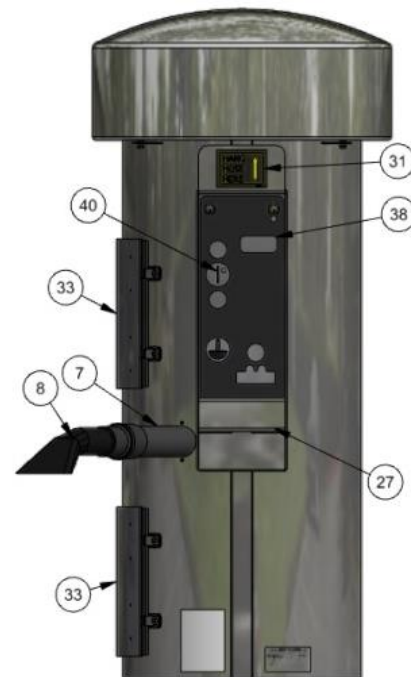
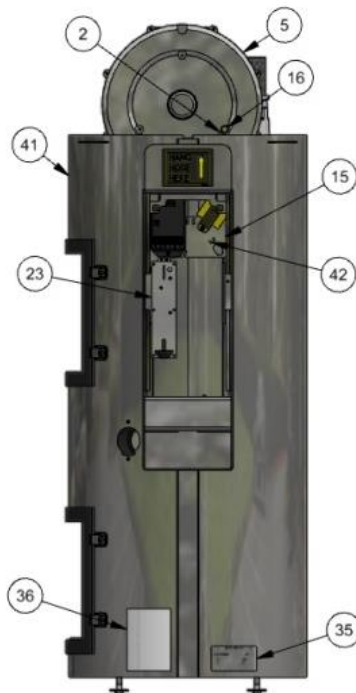
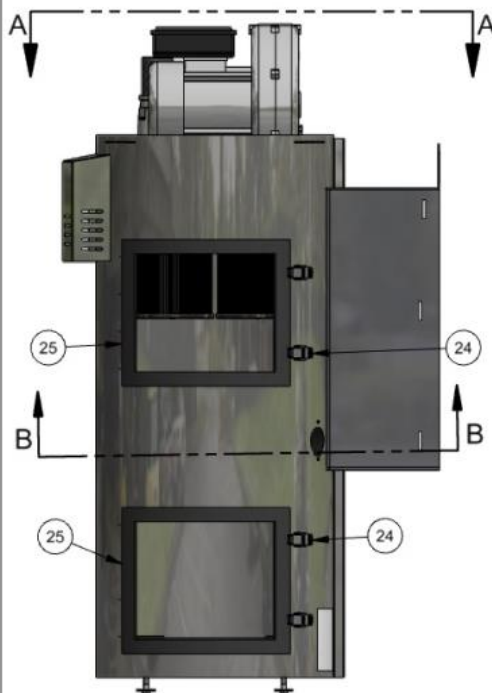
SECTION B-B  
SCALE .075

**SETTING OF THE RELIEF VALVE (18501-VRL6):**  
**TOOLS NEEDED:** AMP METER, 7MM SOCKET, 2MM ALLEN WRENCH.  
 REMOVE 18501-P6 SCREEN, VERIFY VALVE 18501-VRL6 IS FACING UP, POWER VACUUM WITH INLET OPEN AND APPLY AMP METER ON BLACK POWER WIRE. PLUG VACUUM COMPLETELY AND READ AMPS. LOOSEN LOCKNUT ON TOP OF VALVE AND TURN ALLEN SCREW IN OR OUT TO ADJUST BYPASS VALVE UNTIL 120 VOLT MACHINE READS 23 TO 23.5 AMPS. 220 VOLT MACHINE SHOULD READ 11 TO 11.5 AMPS. UNPLUG VACUUM AND REPLUG TO VERIFY VALVE RUNS FREELY AND AMPS MEET NOTED VALUES WHEN PLUGGED. TIGHTEN LOCKNUT AND REPLACE SCREEN OVER VALVE. IMPORTANT THAT UNIT IS TESTED COMPLETELY PLUGGED AND AMP RATING OF MOTOR IS NEVER EXCEEDED.

ADJUSTMENT



LOCKNUT



REV	NO.	DESCRIPTION	DATE	BY
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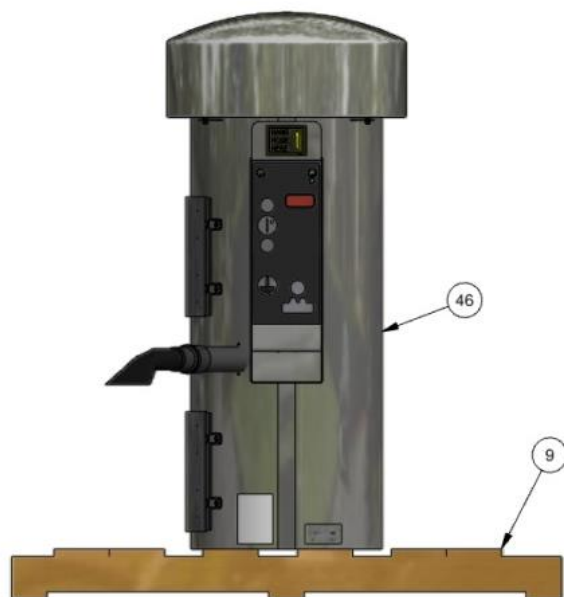
TITLE VAC, REGEN, LGD, CAM LOCK, 220V				
UNSPECIFIED TOLERANCES		MATERIAL		
1 PL ± .030		BY		
2 PL ± .020		DATE		
3 PL ± .003		7/20/2018		
ANGLE ± 1°		SCALE	SHEET	PART NO.
		.06	2 / 2	9325-220V
				REV.
				-





9330


BILL OF MATERIALS				BILL OF MATERIALS			
ITEM	PART NUMBER	DESCRIPTION	QTY	ITEM	PART NUMBER	DESCRIPTION	QTY
36	8434D001	DECAL, ETL LISTED	1	1	18501-FLGW-3	EXHAUST DUCT FITTING REGEN VAC	1
37	8615-5W	CLEANOUT DOOR WELDMENT	2	2	18501-GND	GND CABLE, 18500, 16", W 5/16" RINGS	1
38	8638	PIN LOCK	1	3	18501-GND-2	CABLE, GND, INLET TO VAC TOP	1
39	8732	NAMEPLATE SERIAL TAG, UL	1	4	18501-P6	BLOWER STRAINER, 2" NPT THREAD	1
40	8754	DECAL- ENGLISH/FRENCH/SPANISH, WARN	1	5	18501-V1A-115	BLOWER, REGEN VAC CONFIGURATION	1
41	8900-7VW-3	FACEPLATE WLDMNT, LONG BOX, NO BILL	1	6	18501-VRL6	REGEN VAC RELIEF VALVE, 2" NPT	1
42	8912-1	BRACKET, HORN	1	7	2036	HOSE, 2" X 15' BLACK VACUUM	1
43	8953	MEDECO CAM LOCK W/2 KEYS	2	8	2058	CLAW/CUFF ASSEMBLY, 2"	1
44	9200-1D-1-10	DECAL, FACEPLATE	1	9	32010-E	PALLET- VAC ISLAND MODULE	1
45	9202-50-44	FILTER, PLEATED CARTRIDGE	2	10	5600D4	3/8-16 X 1.5 HHCS	4
46	9321RGW-2	CAN WELDMENT, REGEN VAC, PAY TOWER	1	11	5603D1	10-24 Std NC Nylock Nut	1
47	9330-SPA	SUB PLATE, ASY, SSAC, W TRANSFORMER	1	12	5603D10	NUT NYLOCK, #6-32, SS	10
48	B5722-002	NUT, 3/8-16 UNC HEX LOCK NUT	4	13	5603D2	1/4-20 NYLOCK NUT, SS	7

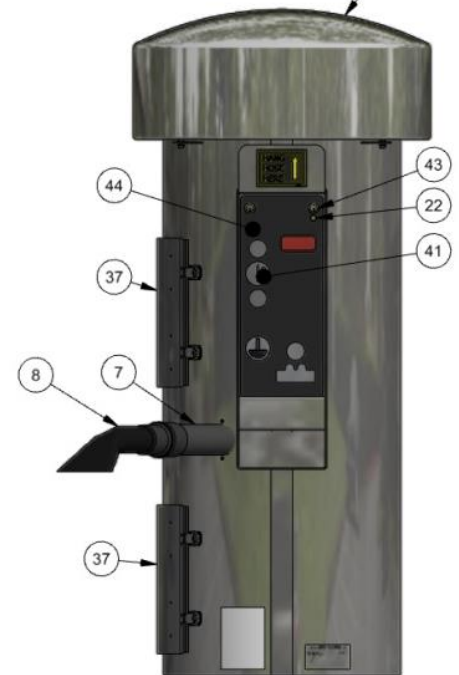
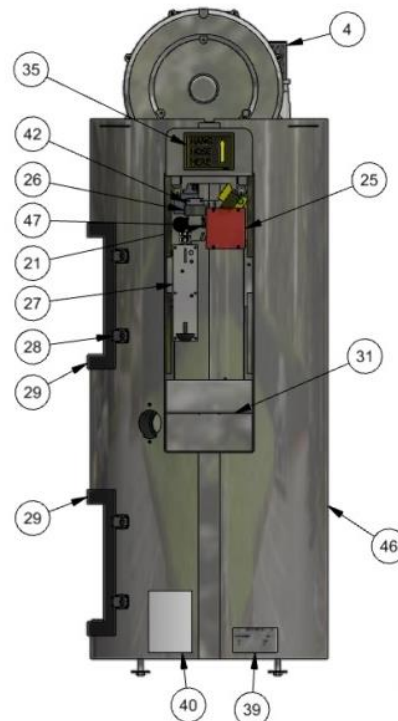
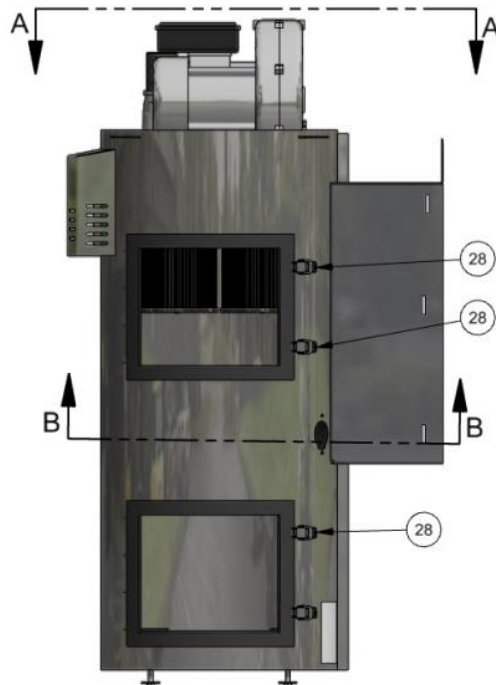
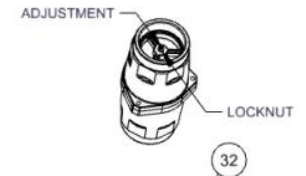
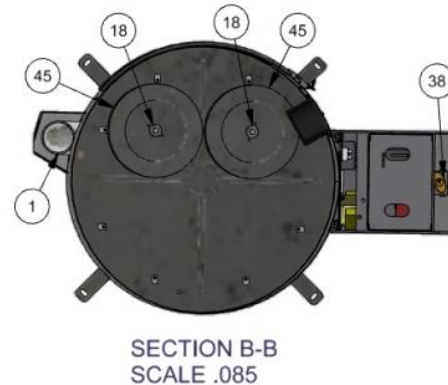
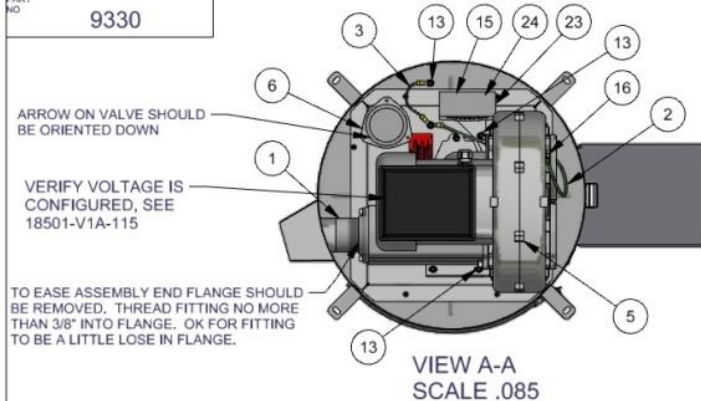


14	5606D22	WASHER, 3/8 FENDER	8
15	5636D1	#10-24 PHIL. PAN HEAD SCREW	5
16	5638D1	BOLT, M8X12, HH, SS	1
17	5647D2	RIVET, 1/8 SS POP RIVET 1/16	16
18	5664D3	WING NUT, 3/8-16, 18-8 SS	2
19	5871b8	PLUG, VAC BOTTOM 2-1/2"	8
20	5902D1	TERM, RING, #10, 14-16AWG, INS.	1
21	5902D2	TERM, RING, #6, 18-22AWG, INS.	2
22	5913D8	LAMP, PANEL MT-3/8, 12V,LED, GRN	1
23	5967B020B	BARRIER, NON-CONDUCTIVE, CONTACTOR	1
24	5967B022	CONTACTOR, 2 POLE, 40A, 24VAC COIL	1
25	8000-10	DIXMOR DSPY TIMER, LED7 SINGLE FUNCTION	1
26	8000-11	ALARM, LAST COIN ALERT	1
27	8149	IMONEX COIN ACCEPTOR	1
28	8153-1	LATCH, CLEANOUT DOOR	4
29	8159	DOOR GASKET	2
30	8183	DECAL, "DISCONNECT POWER"	1
31	8204RW	COIN BOX, PIN LOCK WELDMENT	1
32	8305	ASSEMBLED SS DOME	1
33	8423-2	DECAL, DOME, VACUUM	1
34	8427-1	DECAL, CANISTER, VACUUM	1
35	8429-1	DECAL, HANG HOSE HERE	1

-	8458	RELEASED	6/5/19	MWS
REV	NO.	DESCRIPTION	DATE	BY

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TITLE VAC, REGEN, LGD, LED7, CL			
UNSPECIFIED TOLERANCES	EXTERNAL	CEDAR RAPIDS, IOWA	
1 PL ±.030	BY		
2 PL ±.020	DATE		
3 PL ±.003	7/20/2018		
ANGLE ± 1°	SCALE .06	SHEET 1 / 2	REV. NO. 9330



REV	NO.	DESCRIPTION	DATE	BY
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TITLE		VAC, REGEN, LGD, LED7, CL	
UNSPECIFIED TOLERANCES	MATERIAL	DATE	7/20/2018
1 PL ±.030	BY	SCALE	.06
2 PL ±.020	DATE	SHEET	2 / 2
3 PL ±.003	SCALE	PART NO.	9330
ANGLE ±1°	SCALE	REV.	-

BILL OF MATERIALS				BILL OF MATERIALS			
ITEM	PART NUMBER	DESCRIPTION	QTY	ITEM	PART NUMBER	DESCRIPTION	QTY
36	8434D001	DECAL, ETL LISTED	1	1	18501-FLGW-3	EXHAUST DUCT FITTING REGEN VAC	1
37	8615-5W	CLEANOUT DOOR WELDMENT	2	2	18501-GND	GND CABLE, 18500, 16", W 5/16" RINGS	1
38	8732	NAMEPLATE SERIAL TAG, UL	1	3	18501-GND-2	CABLE, GND, INLET TO VAC TOP	1
39	8754	DECAL- ENGLISH/FRENCH/SPANISH, WARN	1	4	18501-P6	BLOWER STRAINER, 2" NPT THREAD	1
40	8900-7VW	FACEPLATE WELDMENT, W/VALI	1	5	18501-V1A-115	BLOWER, REGEN VAC CONFIGURATION	1
41	8912-1	BRACKET, HORN	1	6	18501-VRL6	REGEN VAC RELIEF VALVE, 2" NPT	1
42	8953	MEDECO CAM LOCK W/2 KEYS	2	7	2036	HOSE, 2" X 15' BLACK VACUUM	1
43	9200-1D-1-10	DECAL, FACEPLATE	1	8	2058	CLAW/CUFF ASSEMBLY, 2"	1
44	9202-50-44	FILTER, PLEATED CARTRIDGE	2	9	32010-E	PALLET- VAC ISLAND MODULE	1
45	9321RGW-3	CAN WELDMENT, REGEN VAC, PAY TOWER	1	10	5600D4	3/8-16 X 1.5 HHCS	4
46	9330-SPA	SUB PLATE, ASY, SSAC, W TRANSFORMER	1	11	5603D1	10-24 Std NC Nylock Nut	1
47	9500-56	CABLE ASY, BILL ACCEPTOR, 30" EXT.	1	12	5603D10	NUT NYLOCK, #6-32, SS	14
48	B5722-002	NUT, 3/8-16 UNC HEX LOCK NUT	4	13	5603D2	1/4-20 NYLOCK NUT, SS	7



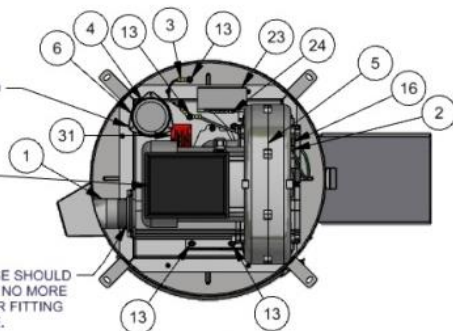
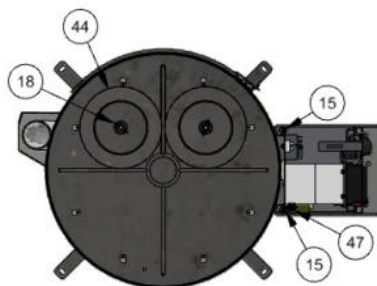
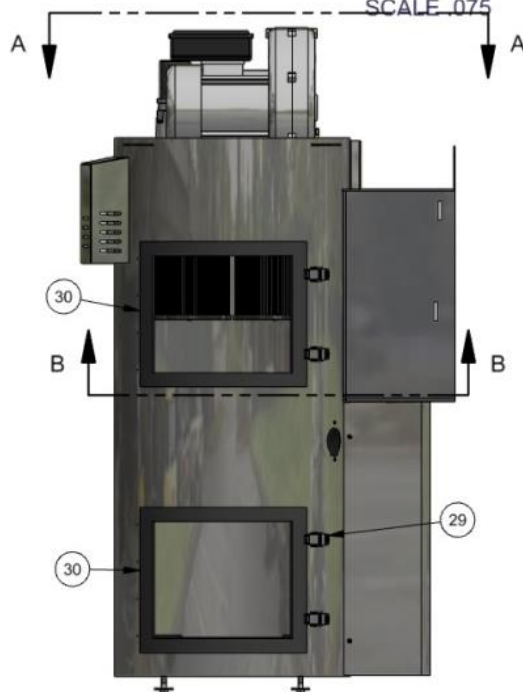
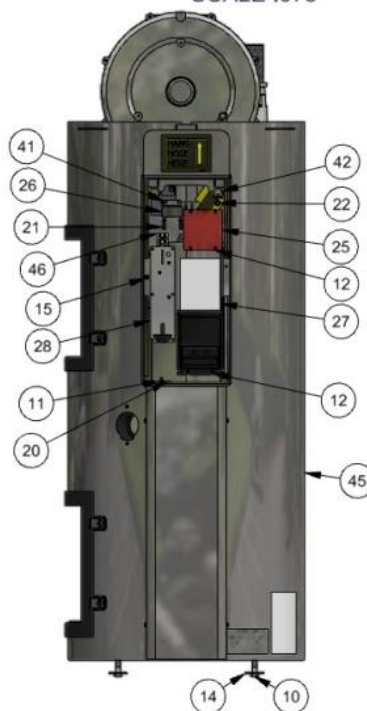
14	5606D22	WASHER, 3/8 FENDER	8
15	5636D1	#10-24 PHIL. PAN HEAD SCREW	5
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20	5902D1	TERM, RING, #10, 14-16AWG, INS.	1
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22	5913D8	LAMP, PANEL MT-3/8, 12V,LED, GRN	1
23	5967B020B	BARRIER, NON-CONDUCTIVE, CONTACTOR	1
24	5967B022	CONTACTOR, 2 POLE, 40A, 24VAC COIL	1
25	8000-10	DIXMOR DSPY TIMER, LED7 SINGLE FUNCTION	1
26	8000-11	ALARM, LAST COIN ALERT	1
27	8130-6	MEI MARS, 110V BILL VALIDATOR	1
28	8149	IMONEX COIN ACCEPTOR	1
29	8153-1	LATCH, CLEANOUT DOOR	4
30	8159	DOOR GASKET	2
31	8183	DECAL, "DISCONNECT POWER"	1
32	8305	ASSEMBLED SS DOME	1
33	8423-2	DECAL, DOME, VACUUM	1
34	8427-1	DECAL, CANISTER, VACUUM	1
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-	8458	RELEASED	6/5/19	MWS
REV	NO.	DESCRIPTION	DATE	BY
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TITLE		VAC, REGEN, LGD,V, LED7, CL, VR	
UNSPECIFIED TOLERANCES	MATERIAL	CEDAR RAPIDS, IOWA	
1 PL ±.030	DRAWN BY	J.E. ADAMS INDUSTRIES LTD	
2 PL ±.020	DATE	5/20/2019	
3 PL ±.003	SCALE	SHEET	REV.
ANGLE ±1°	.06	1 / 2	9330-1VR

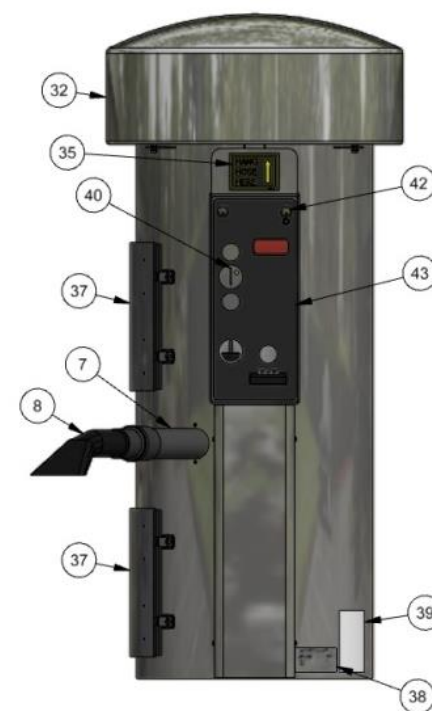
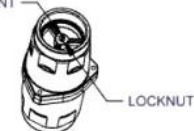



9330-1VR

ARROW ON VALVE SHOULD  
BE ORIENTED DOWNVERIFY VOLTAGE IS  
CONFIGURED, SEE  
18501-V1A-115TO EASE ASSEMBLY END FLANGE SHOULD  
BE REMOVED. THREAD FITTING NO MORE  
THAN 3/8" INTO FLANGE. OK FOR FITTING  
TO BE A LITTLE LOSE IN FLANGE.VIEW A-A  
SCALE .075SECTION B-B  
SCALE .075

**SETTING OF THE RELIEF VALVE (18501-VRL6):**  
 TOOLS NEEDED: AMP METER, 7MM SOCKET, 2MM ALLEN WRENCH.  
 REMOVE 18501-P6 SCREEN, VERIFY VALVE 18501-VRL6 IS FACING UP.  
 POWER VACUUM WITH INLET OPEN AND APPLY AMP METER ON BLACK  
 POWER WIRE. PLUG VACUUM COMPLETELY AND READ AMPS.  
 LOOSEN LOCKNUT ON TOP OF VALVE AND TURN ALLEN SCREW IN OR  
 OUT TO ADJUST BYPASS VALVE UNTIL 120 VOLT MACHINE READS 23  
 TO 23.5 AMPS. 220 VOLT MACHINE SHOULD READ 11 TO 11.5 AMPS.  
 UNPLUG VACUUM AND REPLUG TO VERIFY VALVE RUNS FREELY AND  
 AMPS MEET NOTED VALUES WHEN PLUGGED. TIGHTEN LOCKNUT AND  
 REPLACE SCREEN OVER VALVE. IMPORTANT THAT UNIT IS TESTED  
 COMPLETELY PLUGGED AND AMP RATING OF MOTOR IS NEVER  
 EXCEEDED.

ADJUSTMENT



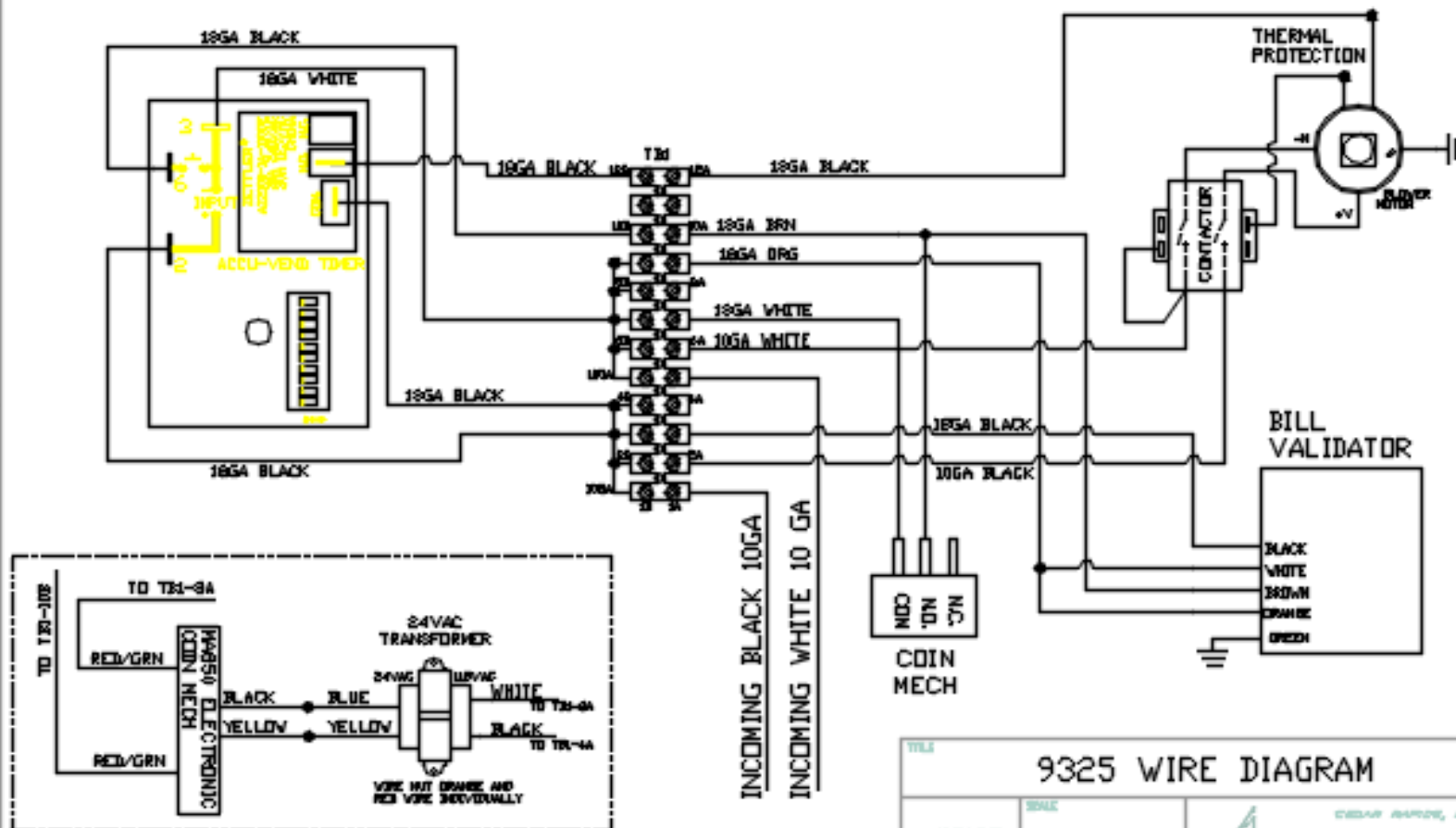
TITLE					
VAC, REGEN, LGD,V, LED7, CL, VR					
UNSPECIFIED TOLERANCES	MATERIAL			CEDAR RAPIDS, IOWA	
	DRAWN BY				
	DATE				
	5/20/2019				
	SCALE				
1 PL ± .030		SHEET	PART NO	9330-1VR	REV.
2 PL ± .020		2 / 2			
3 PL ± .003					
ANGLE ± 1°					

REV	NO.	DESCRIPTION	DATE	BY
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PART NO.	S9325	THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION THEREIN BE USED BY OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY J.E. ADAMS INDUSTRIES	BILL OF MATERIAL			
			ITEM NO.	PART NO.	DESCRIPTION	QTY.

NOTE: FIELD WIRING MUST COMPLY WITH LOCAL AND NATIONAL ELECTRICAL CODES.



TITLE		9325 WIRE DIAGRAM	
UNSPECIFIED TOLERANCES	DESIGNED BY	MWS	12/21/18
FRACT. 1/32 2 PL 0.020 3 PL 0.010 ANGLE 1.0°	DATE		
	REV	S9325	REV

-	B438	RELEASED	6/13/18MWS
REV	NO.	DESCRIPTION	DATE BY



