



Models- 9217, 9218 Coin Operated & 9237 Push button  
Dual and Single Hose, Post Mount Vacuums

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

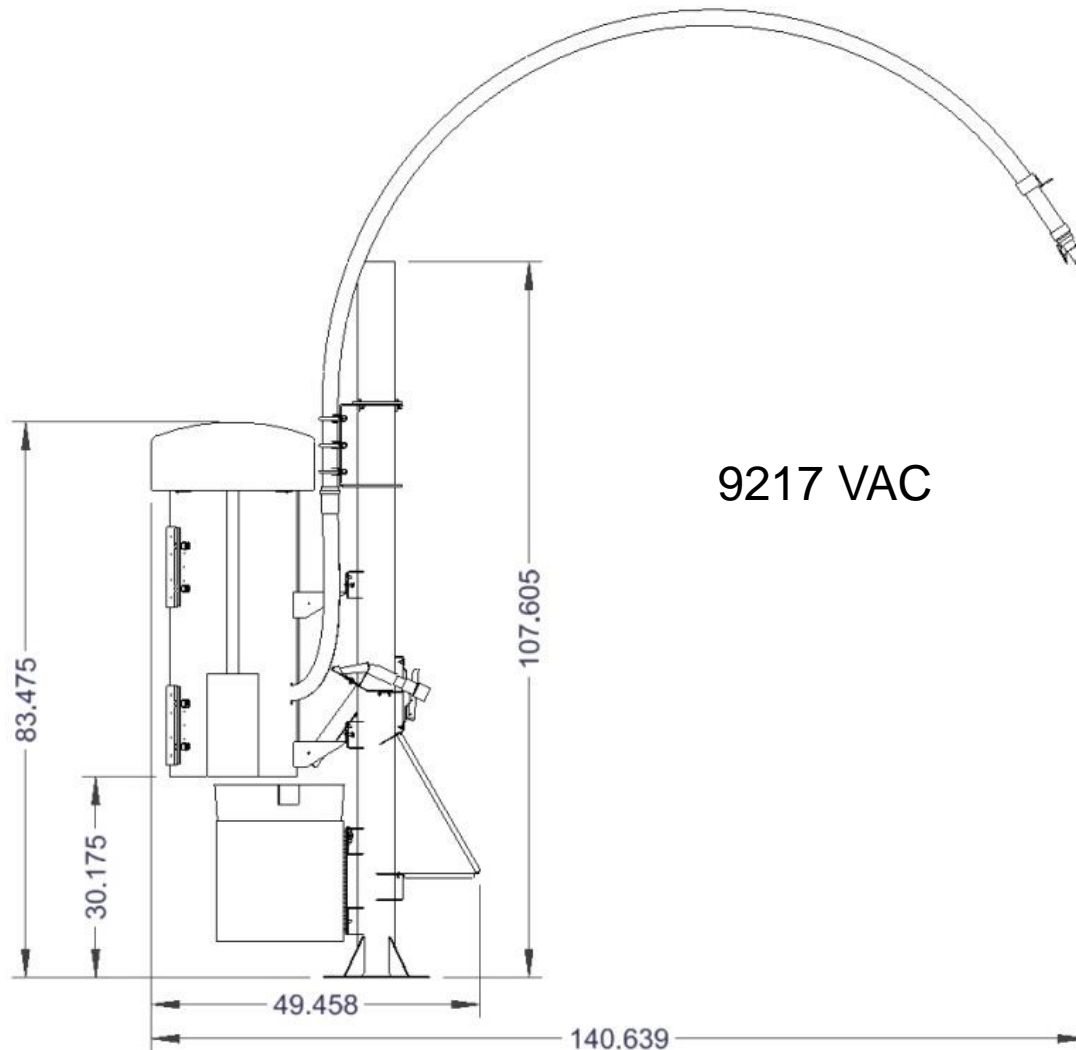
**KEY NUMBER(S):**\_\_\_\_\_

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

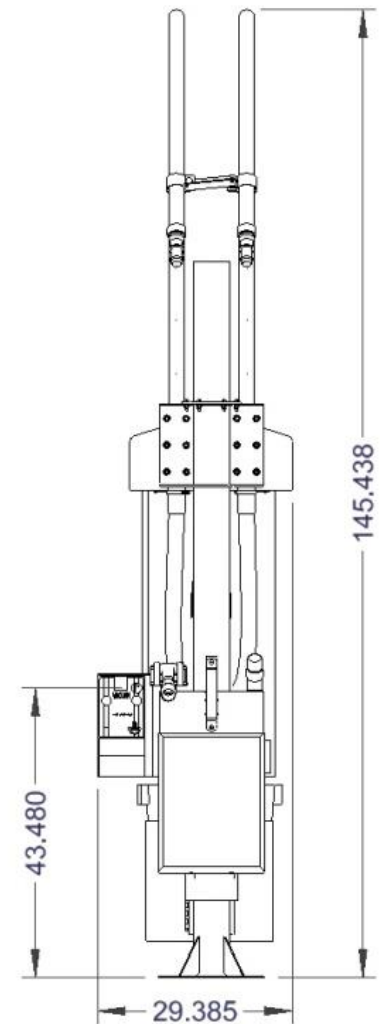
**DISTRIBUTOR:**\_\_\_\_\_

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

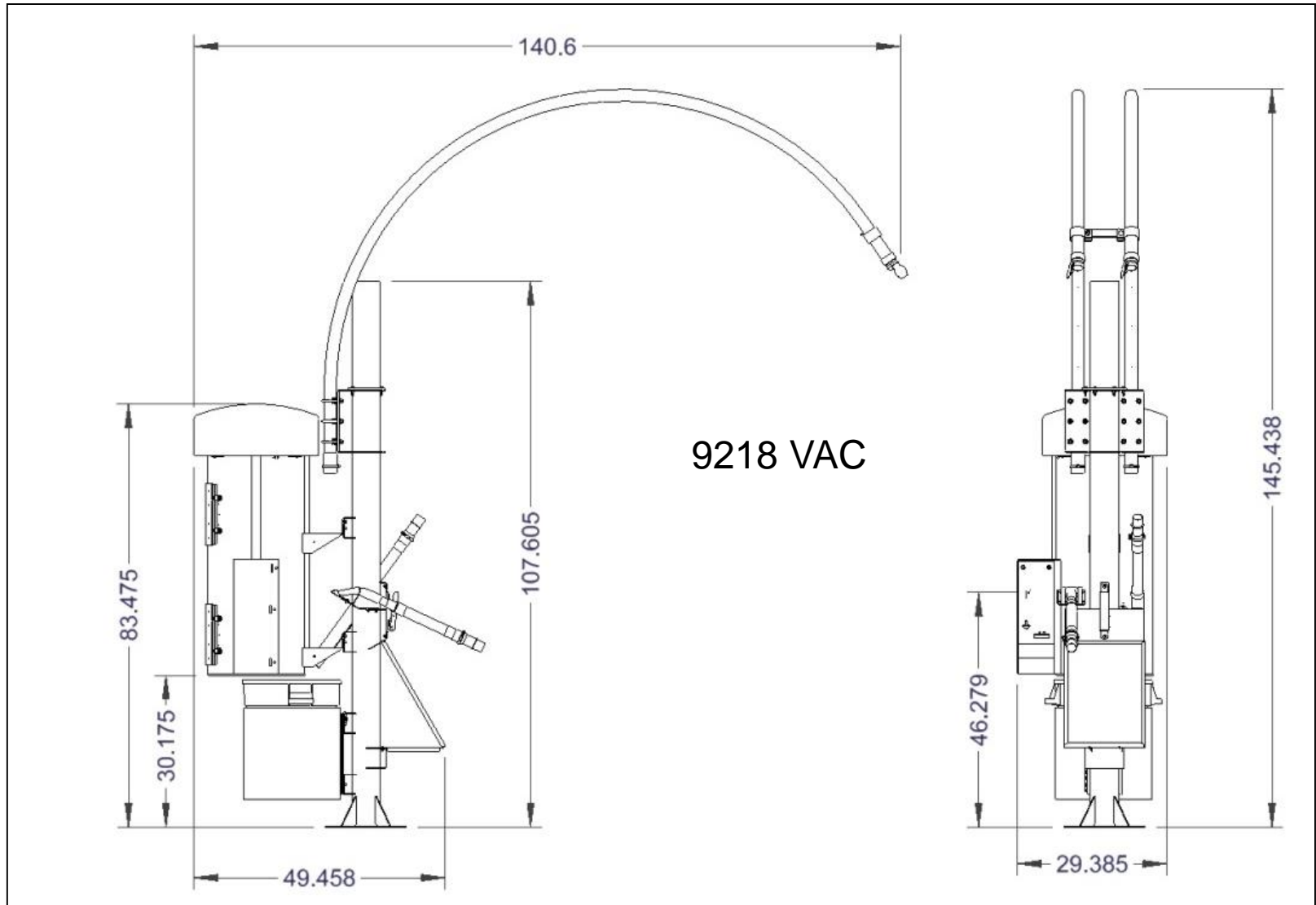
# PRODUCT DIMENSIONS



9217 VAC



# PRODUCT DIMENSIONS



# Specifications

## Unit specifications: 3 MOTOR VACUUMS, 120VAC

Voltage: 120vac, 60hz

Amperage: (1) 30 amp service is required for this unit.

Weight: 140lbs with pallet attached.

## Vac specifications:

Motors: (3) 120vac vacuum motors.

Fuses: (3) 10 amp inline fuses.

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## Unit specifications: 3 MOTOR VACUUMS, 220VAC

Voltage: 220v, 50/60hz

Amperage: (1) 20 amp service is required for 3 motor units.

Weight: 140 lbs with pallet attached.

## Vac specifications:

Motors: (3) 220vac vacuum motors .

Fuses: (3) 8 amp inline fuses.

Stainless steel or lighted dome options.

Push button or coin operated start.

Single hose or dual hose inlets.

Duty cycle time 4 minutes on, 4 minutes off.

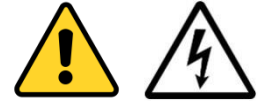
**NOTE: "UNIT INTENDED FOR COMMECIAL USE ONLY"**

# 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.

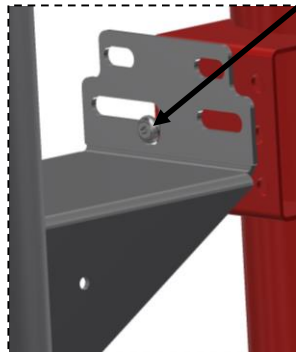
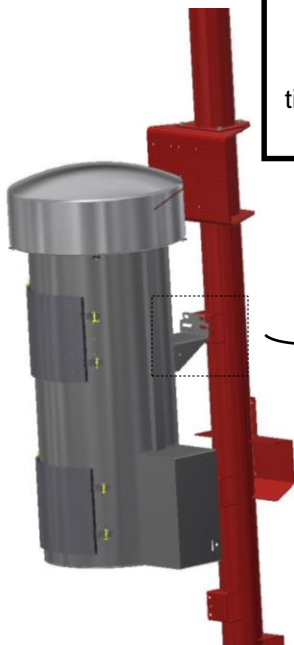
## SAVE THESE INSTRUCTIONS

- **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 electrical service to that location (*NOTE UNIT HAS WIRE PROVIDED UNDERNEATH TO CONNECT INCOMING POWER SUPPLY*)
- **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.
- **Circuit must be protected by GFCI device.**
- All local and national electric codes must be followed for installation and use.
- Licensed electricians are recommended for installation.



**Using 2 people**, guide vac brackets over the 2 bolts heads and slide vac into place. Install remaining two bolts immediately.

Center bolts on bracket and tighten. **Vacuum is heavy!! Keep weight off threads until tight!**



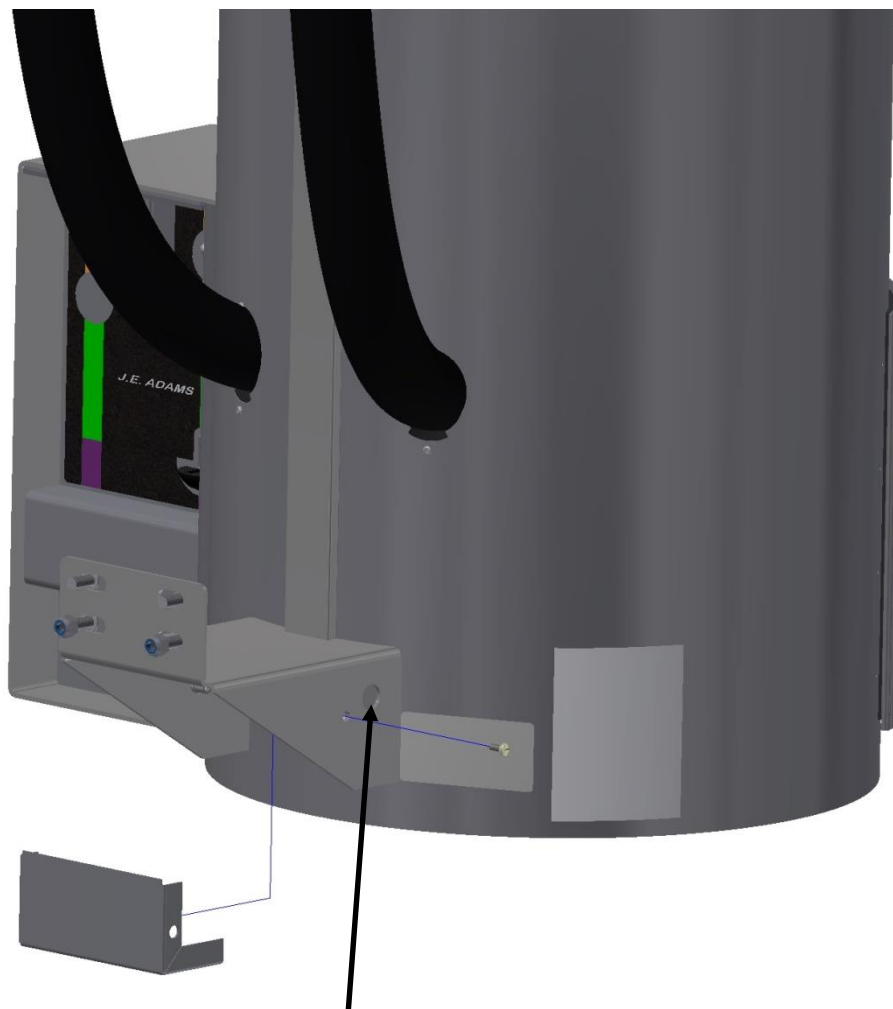
35000-11A post pictured



Install (1) 3/8 Torx Security bolts in the upper left, middle of both brackets as illustrated. Thread into weld nut and leave 1/4" gap between bolt head and bracket.

#### **Vacuum hose installation:**

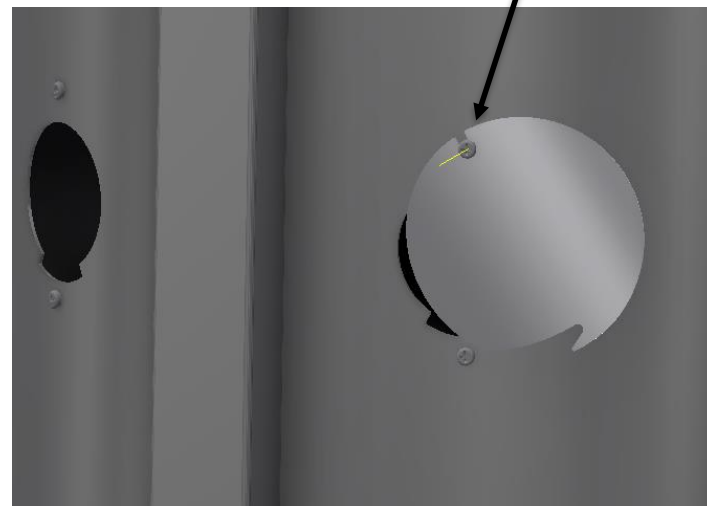
- 1) Cut vacuum hoses to desired lengths (not too tight, not excess slack, leave a gradual bend).
- 2) Thread ends into vacuum can (counterclockwise).
- 3) Thread hose into black couplers and attach to arch using hose clamp.



Remove cover and make conduit connection at hole provided (seal tite type fitting not provided). Tie into factory electrical at this location.



To make a dual inlet vacuum into a single inlet attach 8619-6 cover by loosening both inlet screws. Hook slotted end of cover under upper screw and rotate cover. Tighten screws, **careful not to overtighten**. This cover can be applied to either inlet.

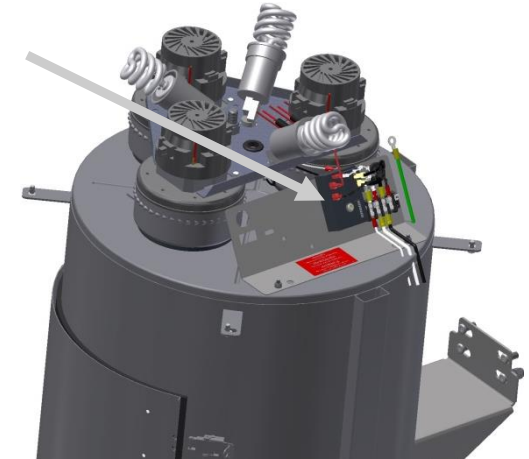




## Programming (SSAC OR TPCR TIMERS):

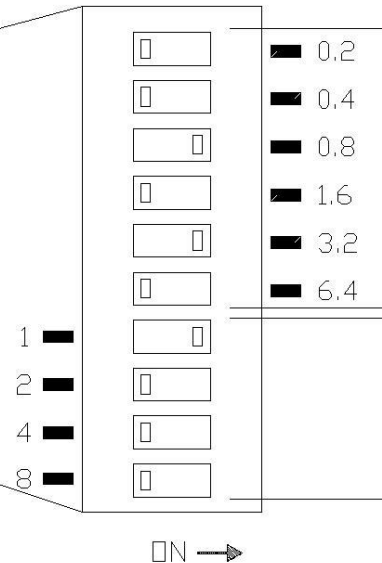
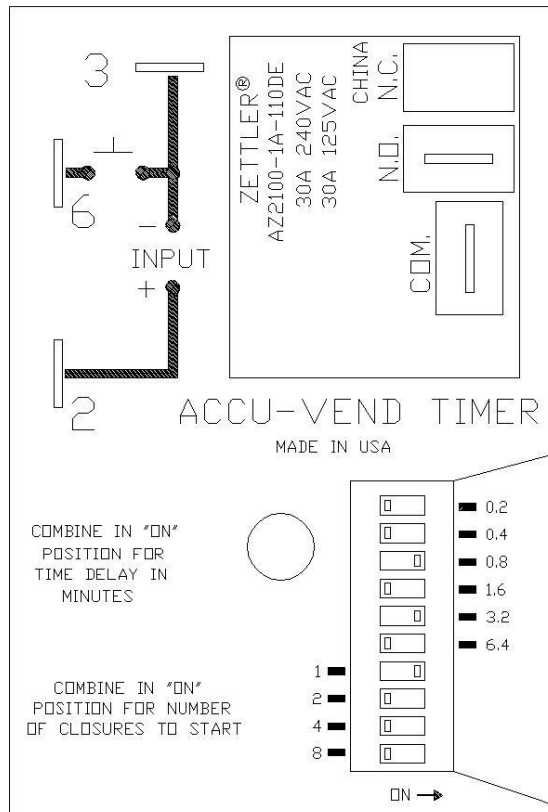
JE Adams post mount vacuums come with non accumulating timers. If offering a free vacuum with a push button start, number of coins will be set to 1. If using a coin mechanism, select whatever combination of coins from 1-15 quarters. A typical vend time would be 4 minutes (240 seconds) which requires dip switches 3.2 and .8 to be set to "on." Again, since this a non accumulating timer, there is no calculation for time per coin.

Timer is located under dome.



Time in minutes dip switch settings:

0.2 = 12 seconds  
0.4 = 24 seconds  
0.8 = 48 seconds  
1.6 = 96 seconds  
3.2 = 192 seconds  
6.4 = 384 seconds



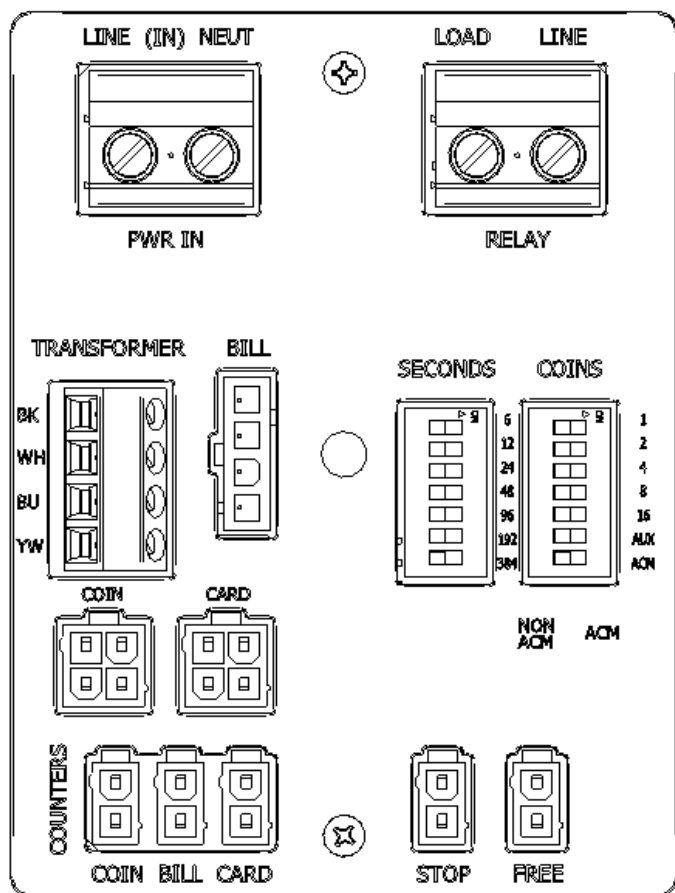
Total time  
(non accumulating)

Coins to start

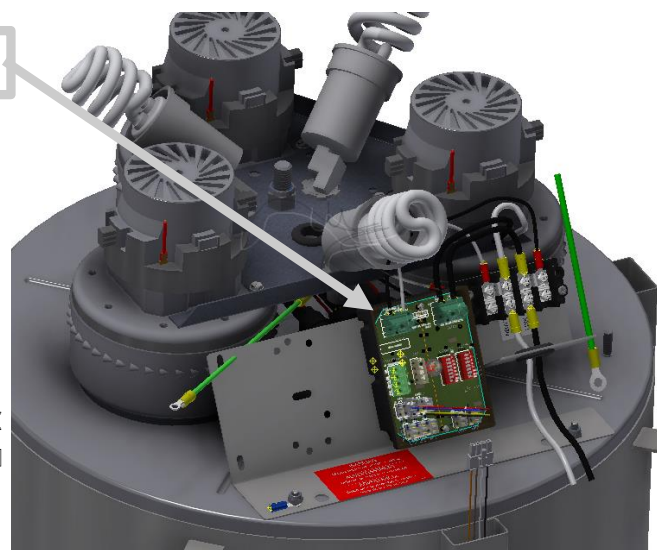
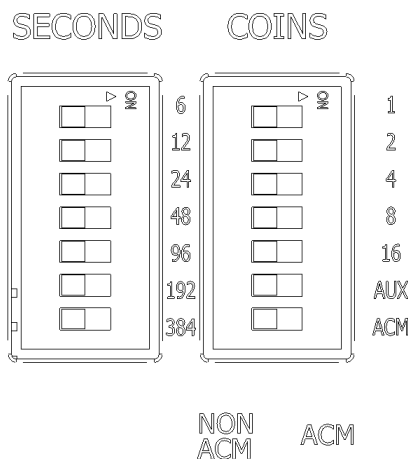
# Programming (JEA Timer):

JE Adams post mount vacuums built mid 2022 will use JE Adams timer. When using in paid vend situation select mode, “ACM” for accumulating or “NON ACM” for non-accumulating (bottom dip switch under “coins”). For a non-accumulating function machine will run for total of seconds selected under “Seconds” switches and will start once “Coins” value is inputted by user through pay methods. If extra money is added while machine is running it will not add time. If choosing to run in Accumulating mode, set time for unit to run PER COIN not total time, then set for number of coins to start. In accumulating mode if money is added while machine is running extra time will be added. If machine is free vend start/stop switches are connected to “free” and “stop” ports on timer and unit will only run in non-accumulating mode for time set.

**Any time switch settings are changed on timer, timer must be powered off for minimum of 10 seconds for changes to take effect.**



Timer is located under dome.



Example setting for, accumulating function with \$2.00 to start (8 quarters) for 4 minutes of run time  $4 \times 60 \text{ secs.} = 240 \text{ seconds} / 8 \text{ coins} = 30 \text{ seconds per coin.}$

Move “8” on COIN switches to the right, bottom “ACM” switch to the right.

Move “24” and “6” on SECONDS switches to the right. = 30 seconds

### **Bill acceptor:**

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

### **Operating Instructions:**

- Insert coin(s) into machine to start.
- In the case of a push button kit, press push button to activate machine. It will automatically shut off.
- Remove vacuum hose from hanger and vacuum subject accordingly. Do not vacuum wet objects or fine dust (ex – drywall dust).
- Return vacuum hose to hanger when finished.
- In the case of a dual hose model, hose claw must be returned to hanger and set against rubber pad to eliminate leaks in vacuum system. This will allow the opposite hose to have more suction while in use.

### **Maintenance:**

- **All servicing of machine should be conducted by an authorized service representative!**
- Filter bags should be accessed and shaken down weekly. It is recommended to keep a new set of bags on hand.
- To maintain performance, empty dirt bin from the canister on a regular basis. This is very important!!
- Periodically inspect wires and connections for wear or fatigue.
- 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.
- Check motor brushes approx. every 3 months for excessive wear. Motor brushes should be changed if they are shorter than 3/8". ***Please disconnect power before doing this.***



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



## Troubleshooting: **!DISCONNECT POWER BEFORE SERVICING OR TROUBLESHOOTING!**

Problem	Possible cause	Solution
Unit is not powered.	Breaker inside fuse panel is not in the on position.	Turn breaker on.
	No power to machine.	Check incoming power line voltage.
	Loose connection.	Check incoming power connection.
Machine is behaving erratically.	Is the incoming power at 120V?	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.
	Wrong size breaker.	Install correct breaker (only if wire size is adequate to handle breaker).
Fuses for vac motors keep blowing.	Inadequate wire size ran to machine.	Call electrician and install proper wire size for electrical service versus length or run.
	Motor brushes may be bad or too short.	Replace motor brushes.
Lack of vacuum suction.	Vac hose clogged?	Clean debris from vac hose.
	Filter bags need cleaned or dirt chamber needs emptied?	Shake or clean filter bags 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 gaskets are worn or motor is not tight against.	Inspect/replace gaskets and assure motor is tight against them.
	Dual vac hose unit, both hoses are being used.	When both hoses are being used, suction will be lower. Double check all 3 motors are working however.
	Lower chamber cap plugs/mounting hole covers have popped out?	Open lower chamber and inspect plugs, order new if needed.
	Cleanout door gaskets torn or worn?	Replace gaskets.
	One of the vac motors is not working?	Check line motor fuse and replace. Replace motor if necessary.

9217LD-DH

NOTES:  
1. SET TIMER TO ACCUMULATING.  
2. PLACE INLET COVER IN MANUAL BAG.



# BILL OF MATERIALS

ITEM	PART NUMBER	DESCRIPTION	QTY
47	9217-JEA	TIMER ASY, JEA, CV POST MOUNT	1
48	9217_3	WIRING DIAGRAM	X
	MOTOR_SSAC_8149 IMONEX		
49	9900-6A	BRACKET COVER ASSEMBLY	1
50	B5722-002	NUT, 3/8-16 UNC HEX LOCK NUT	4

# BILL OF MATERIALS

ITEM	PART NUMBER	DESCRIPTION	QTY
1	2036	HOSE, 2" X 15' BLACK VACUUM	1
2	5600D4	3/8-16 X 1.5 HHCS	4
3	5601D13	1/4-20x1/2 SERR HEAD - STAINLESS	4
4	5603D1	10 Std NC Nylock Nut	2
5	5603D11	1/2 Std NF Nylock Nut	1
6	5603D3	NUT, 3/8-16 Nylock, SS	4
7	5606D22	WASHER, 3/8 FENDER	8
8	5606D7	FLAT WASHER, .160 ID X .500 OD	1
9	5627D2	SCREW 6-32 x .63 PD, PH, MS	1
10	5640D1	1/4-20 x 1/2 PHIL PAN HEAD SCREW	2
11	5647D2	1/8 SS POP RIVET	16
12	5647D8	3/16 SS POP RIVET	14
13	5702D6	3/8-16 X .75 TORX SEC. T-45	8
14	5871b8	PLUG, VAC BOTTOM 2-1/2"	8
15	5900D5	TERM, F SPADE, 3/16, 22-18 AWG INS.	2
16	5901D1	WIRE NUT, YELLOW	1
17	5901D2	WIRE NUT, RED	2
18	6082	BAG, 9 X 12	1
19	8047	BAG, 60 X 72	1
20	8055EM	MOTOR, ELECTRO 120V	3
21	8057	MOTOR GASKET	3
22	8076	FILTER BAG	4
23	8081	CABLE TIE MOUNT	3
24	8084	CABLE TIE	8
25	8108	#10 x 1/2 TAP SCREW	6
26	8149	IMONEX COIN ACCEPTOR	1
27	8153-1	LATCH, CLEANOUT DOOR	4
28	8157	NUT, #6-32 KEPP NUT STAINLESS	5
29	8159	DOOR GASKET	2
30	8183	DECAL, "DISCONNECT POWER"	1
31	8204RW	COIN BOX, PIN LOCK WELDMENT	1
32	8211RW	FACEPLATE WELDMENT, R.H	1
33	8306	24" PLASTIC DOME	1
34	8427-1	DECAL, CANISTER	1
35	8543K-3	3 MOTOR LIGHT KIT	1
36	8615-5W	CLEANOUT DOOR WELDMENT	2
37	8619-6	PLATE, VAC INLET COVER	1
38	8631	11 X 55 PAD FOR VACS	1
39	8638	PIN LOCK	2
40	8712-C1-2	CABLE ASSEMBLY, COIN/CC, 66"	1
41	8732	NAMEPLATE SERIAL TAG, UL	1
42	8754	DECAL, WARNING CANISTER	1
43	8925	FLOURESCENT BULB	3
44	8939	PALLET, DUAL, OVAL, SPECIAL, 30X40	1
45	9200FPD	DECAL, FACEPLATE	1
46	9214W-DH	VAC CAN W/C, 3MTR, DH, POST MNT	1



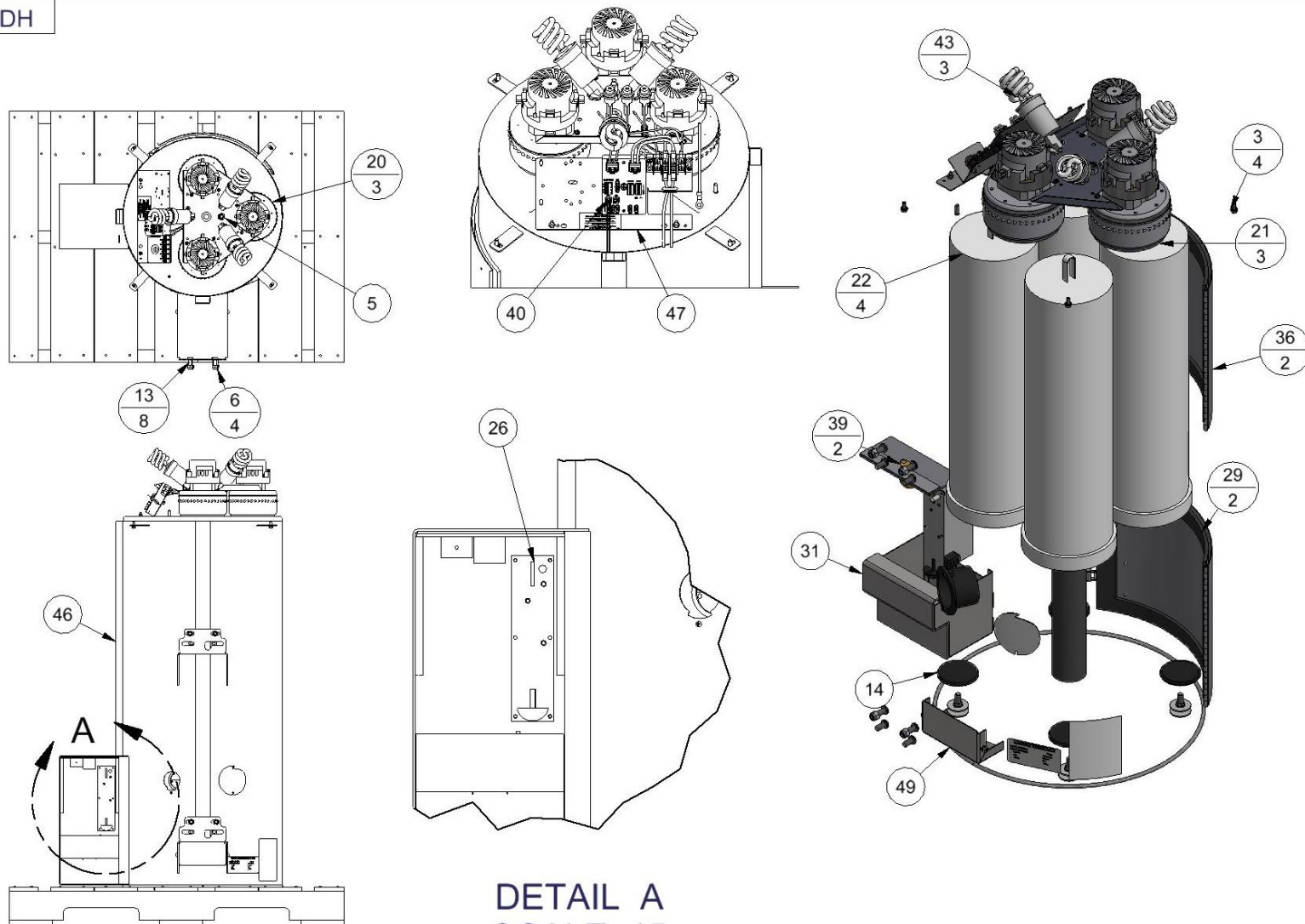
F	8883	ADD INLET COVER TO BOM, PLACE IN MANUAL BAG	06/13/22	JRF
E	8827	REMOVED 8055LEAD-EM, B5997-001, B5996-010. THESE ARE NOW IN TIMER ASSEMBLY	2/9/22	MWS
D	8798	REPLACE 9217SS5 WITH 9217-JEA, ADD 8712-C1-2 CABLE	1/18/22	MWS
C	7723	REMOVE 2081 COUPLER & 8061-720-8 CLAMP	033016	JF
B	7588	REPLACE 5636D1 WITH 5640D1, ADD WIRING DIAGRAM	101315	JF
REV	NO.	DESCRIPTION	DATE	BY

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TITLE		3 MOTOR VAC , 2 DOOR, DUAL HOSE, POST MOUNT	
UNSPECIFIED TOLERANCES: 1 PL ± .030 2 PL ± .020 3 PL ± .003 ANGLE ± 1°	DRAWN BY	JOHN F	
	DATE	10/13/2014	
	SCALE	SHEET	PART NO.
		1 / 2	9217LD-DH
			F







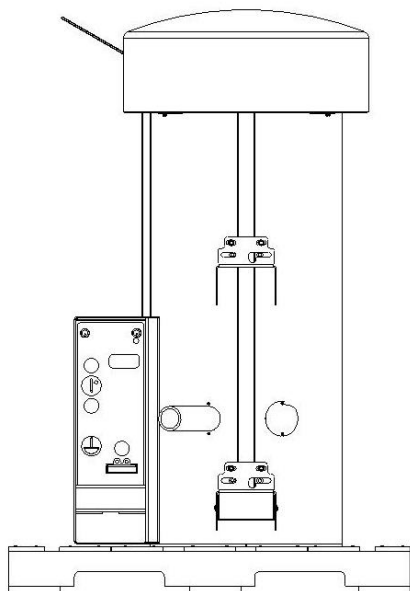
DETAIL A  
SCALE .15

REV	NO.	DESCRIPTION	DATE	BY
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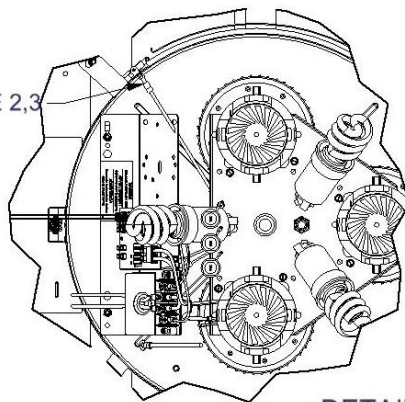
TITLE 3 MOTOR VAC , 2 DOOR, DUAL HOSE, POST MOUNT				
UNSPECIFIED TOLERANCES		MATERIAL		
1 PL	± .030	DRAWN BY JOHN F		
2 PL	± .020	DATE 10/13/2014		
3 PL	± .003	SCALE SHEET NO. 2 / 2		
ANGLE ± 1°		PART NO. 9217LD-DH		
				REV. F

PART NO		BILL OF MATERIALS				BILL OF MATERIALS			
9218LD-DH		ITEM	PART NUMBER	DESCRIPTION	QTY	ITEM	PART NUMBER	DESCRIPTION	QTY
<div>NOTES: 1. ROUTE (3) 10GA WIRES (BLK, WHT, GRN) DOWN WIRE CHASE, COIL WIRES UNDER COVER. 2. GREEN 10GA WIRE (PART OF ITEM 32) SECURE UNDER ITEM 9. 3. GREEN/YELLOW WIRE (ITEM 47) WITH ITEM 39 CRIMPED ON ENDS, GROUND WIRE BETWEEN BOTTOM CONTROL BOX AND UPPER TIMER ASSEMBLY. 4. SEE 9218-JEAPBKIT FOR SUPPLEMENTAL PARTS TO ADD KEYED FREE VEND OPTION. 5. SEE S9218-CM-BA-JEA FOR SCHEMATIC. 6. SLIDE LOCK BAR AVAILABLE, SEE 8206-BEL. 7. SET TIMER FOR ACCUMULATING. 8. PLACE INLET COVER WITH MANUAL.</div> <div></div>		36	8543K-3	3 MOTOR LIGHT KIT	1	1	2036	HOSE, 2" X 15' BLACK VACUUM	1
		37	8939	PALLET, DUAL, OVAL, SPECIAL, 30X40	1	2	5600D4	3/8-16 X 1.5 HHCS	4
		38	8615-5W	CLEANOUT DOOR WELDMENT	2	3	5601D13	1/4-20x1/2 SERR HEAD - STAINLESS	4
		39	8619-6	PLATE, VAC INLET COVER	1	4	5603D1	NUT #10-24, NYLOCK, SS	3
		40	8630	BOX, 34 X 32 X 60-1/8	1	5	5603D10	NUT NYLOCK, #6-32, SS	9
		41	8638	PIN LOCK	1	6	5603D11	1/2 Std NF Nylock Nut	1
		42	8673-11	GROUND WIRE 28"	1	7	5603D3	3/8-16 Std NC Nylock Nut	4
		43	8712-B1-2	CABLE ASY, BILL VAL, 66"	1	8	5606D22	WASHER, 3/8 FENDER	8
		44	8712-C1-2	CABLE ASSEMBLY, COIN/CC, 66"	1	9	5606D7	FLAT WASHER, .160 ID X .500 OD	1
		45	8732	NAMEPLATE, PRODUCT SPECS	1	10	5627D2	SCREW 6-32 x .63 PD, PH, MS	1
		46	8754	WARNING DECAL	1	11	5640D1	1/4-20 x 1/2 PHIL PAN HEAD SCREW	2
		47	8925	FLOURESCENT BULB	3	12	5647D2	1/8" SS POP RIVET	16
		48	8953	MEDECO CAM LOCK W/2 KEYS	2	13	5647D8	3/16" SS POP RIVET	14
		49	8957VS	COIN CHUTE, SCENT VAC	1	14	5702D6	3/8-16 X .75 TORX SEC. T-45	8
		50	9200-1D-1-10	DECAL, FACEPLATE	1	15	5871b8	PLUG, VAC BOTTOM 2-1/2"	5
		51	9200-1D-1-10-BA	DECAL, INSERT BILL	1	16	5900D5	TERM, F SPADE, 3/16, 22-18 AWG INS.	2
		52	9209-2W	FACEPLATE WELDMENT, SHAMPOO	1	17	5901D1	WIRE NUT, TWIST, YELLO	4
		53	9214W-3DH	VAC CAN WMT, 3M, DH, POST MNT	1	18	5902D1	TERM, RING, #10, 14-16AWG, INS.	2
		54	9217-JEA	TIMER ASY, JEA, CV POST MOUNT	1	19	5943D322C	WIRE, 14 AWG, MTW, 90C, GRN/YLW	48"
		55	9900-6A	BRACKET COVER ASSEMBLY	1	20	8055EM	MOTOR, ELECTRO 120V	3
		56	B5722-002	NUT, 3/8-16 UNC HEX LOCK NUT	4	21	8057	MOTOR GASKET	3
						22	8076	FILTER BAG	4
						23	8081	CABLE TIE DOWN, SELF ADHESIVE	1
						24	8089	CABLE CLAMP, PLASTIC, 1/2" ID	1
						25	8108	#10 x 1/2 TAP SCREW	6
						26	8130-6	MEI MARS, 110V BILL VALIDATOR	1
						27	8149	IMONEX COIN ACCEPTOR	1
						28	8153-1	LATCH, CLEANOUT DOOR	4
						29	8157	NUT, #6-32 KEPP NUT STAINLESS	1
						30	8159	DOOR GASKET	2
						31	8183	DECAL, "DISCONNECT POWER"	1
						32	8204RW	COIN BOX, PIN LOCK WELDMENT	1
						33	8306	24" PLASTIC DOME	1
						34	8400-1	DECAL PRICING CIRCLE SET YEL	1
						35	8427-1	DECAL, CANISTER	1
							</		

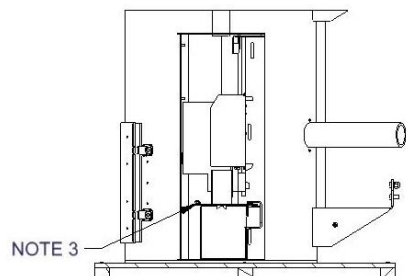
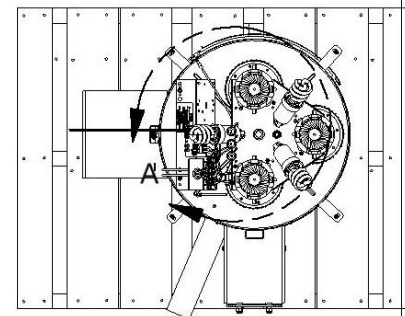
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NOTE 2,3

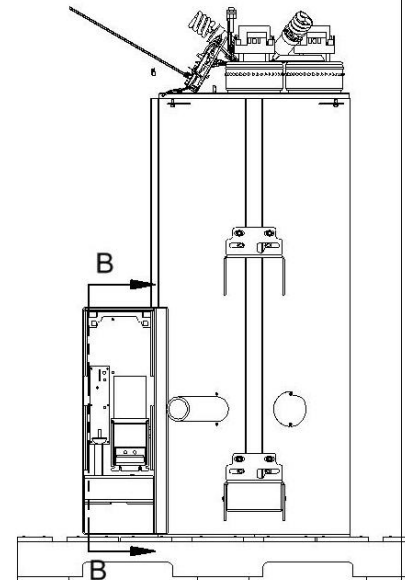
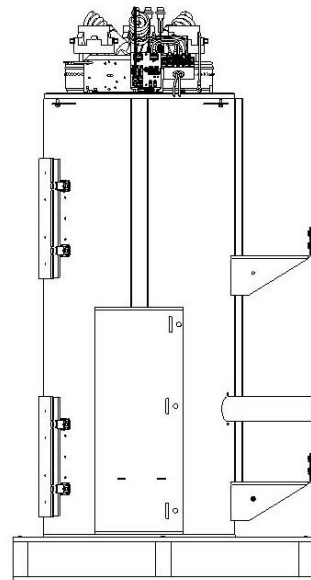
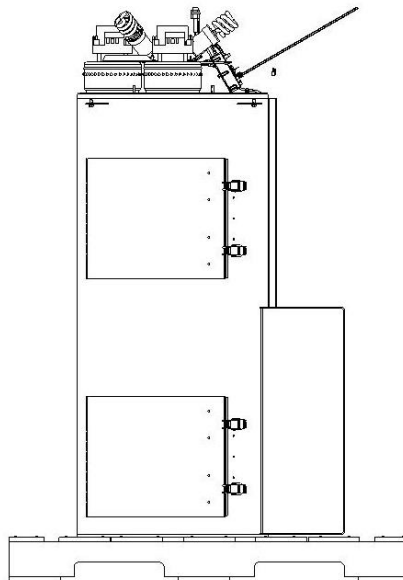


DETAIL A  
SCALE 0.12 : 1



NOTE 3

SECTION B-B  
SCALE 0.06 : 1



TITLE		VAC,2DR,3M,POST MNT, LEFT, BA, DH, LD	
UNSPECIFIED TOLERANCES	MATERIAL	DATE	1/29/2016
1 PL ±.030	DRAWN BY	SCALE	0.06 : 1
2 PL ±.020	DATE	SHEET	2 / 2
3 PL ±.003	SCALE	PART NO.	9218LD-DH
ANGLE ±1°	SCALE	REV.	J



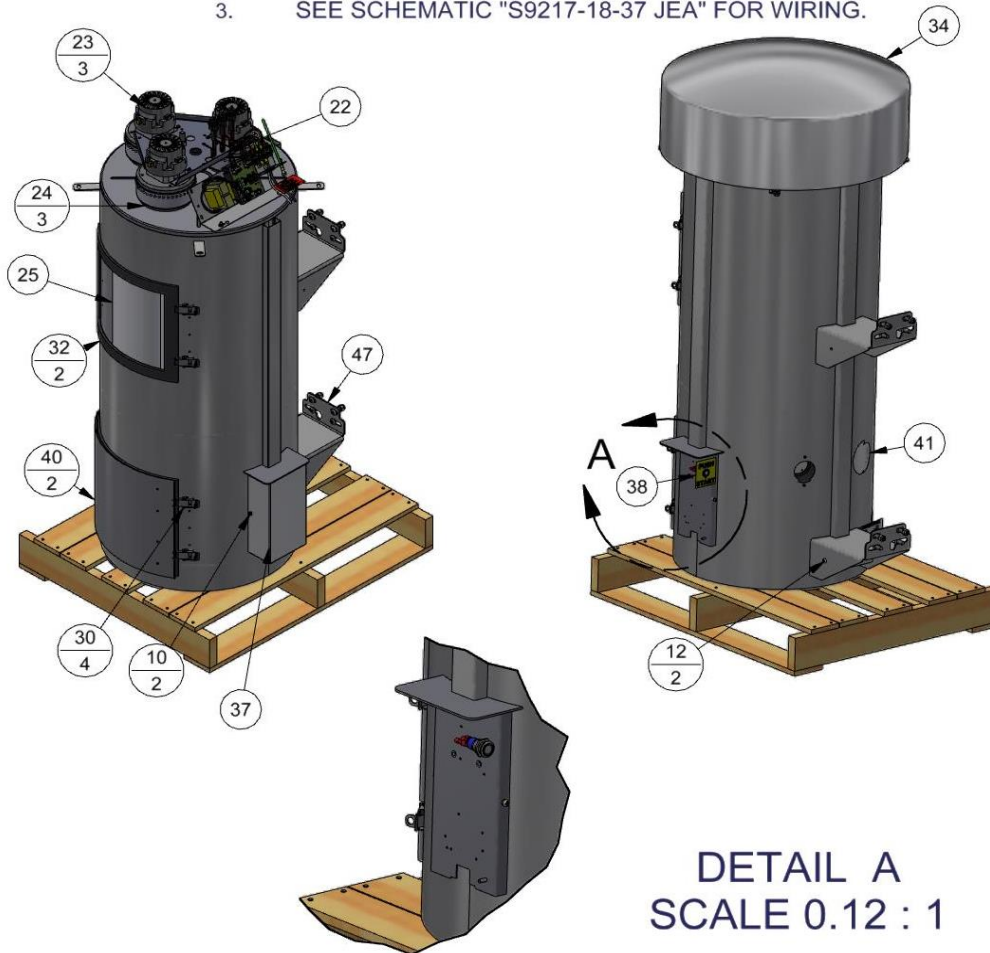
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9237-DH

## NOTES:

1. SET TIMER TO NON-ACCUMULATING.
2. PLACE INLET COVER IN MANUAL BAG.
3. SEE SCHEMATIC "S9217-18-37 JEA" FOR WIRING.




## BILL OF MATERIALS

ITEM	PART NUMBER	DESCRIPTION	QTY
1	2036	HOSE, 2" X 15' BLACK VACUUM	1
2	5600D4	3/8-16 X 1.5 HHCS	4
3	5603D1	10 Std NC Nylock Nut	2
4	5603D11	1/2 Std NF Nylock Nut	1
5	5603D3	NUT, 3/8-16 Nylock, SS	4
6	5606D22	WASHER, 3/8 FENDER	8
7	5606D7	FLAT WASHER, .160 ID X .500 OD	1
9	5627D2	SCREW 6-32 x .63 PD, PH, MS	1
10	5636D1	SCREW, #10-24 X .50, PH, PD, SS	2
11	5639D1	RUBBER GROMMET	1
12	5640D1	1/4-20 x 1/2 PHIL PAN HEAD SCREW	2
13	5647D2	RIVET - 1/8 SS POP	16
14	5647D8	RIVET - 3/16 SS POP	14
15	5702D6	3/8-16 X .75 TORX SEC. T-45	8
16	5871b8	PLUG, VAC BOTTOM 2-1/2"	8
17	5900D16	TERM, F SPADE, .110, 22-18 AWG, INS.	4
18	5901D1	WIRE NUT, YELLOW	1
19	5901D2	WIRE NUT, RED	2
20	6082	BAG 9 X 12	1
21	8047	PLASTIC BAG	1
22	8051-3M	3 MOTOR BRACKET	1
23	8055EM	MOTOR, ELECTRO	3
24	8057	MOTOR GASKET	3
25	8076	FILTER BAG	4
26	8081	CABLE TIE MOUNT	3
27	8084	CABLE TIE NYLON	8
28	8108	#10 x 1/2 TAP SCREW	6
30	8153-1	LATCH, CLEANOUT DOOR	4
31	8157	NUT, #6-32 KEPP NUT STAINLESS	1
32	8159	DOOR GASKET	2
33	8183	DECAL, "DISCONNECT POWER"	1
34	8305	ASSEMBLED SS DOME	1
35	8423-2	DECAL, DOME	1
36	8427-1	DECAL, VACUUM	1
37	8505-7-1	COVER, CONTROL PLATE, .75 PB HOLE	1
38	8586BY	DECAL, PUSH TO START	1
39	8605	PALLET, VAC, 26" X 30.5"	1
40	8615-5W	CLEANOUT DOOR WELDMENT	2
41	8619-6	PLATE, VAC INLET COVER	1
42	8631	11 X 55 PAD	1
43	8712-C1-2	CABLE ASSEMBLY, COIN/CC, 66"	1
44	8732	NAMEPLATE SERIAL TAG, UL	1
45	8754	DANGER DECAL	1
46	9217-JEA-24	TIMER ASY, JEA, CV POST MOUNT, 24 VOLT	1
47	9236-3W-DH-2	VAC CAN W/C, 3M, DH, POST MOUNT	1
48	9726-19-G	PUSH BUTTON, 19MM, SPST, 24VAC, GREEN, MOMENTARY	1
49	9900-6A	BRACKET COVER ASSEMBLY	1
50	B5722-002	NUT, 3/8-16 UNC HEX LOCK NUT	4

DETAIL A  
SCALE 0.12 : 1



J	9006	9217-JEA-24 WAS 9217-JEA, REMOVED 8131-2	6/30/23	BJL	TITLE	VAC, COMMERCIAL, 3M, DH, POST MOUNT
H	8985	8505-7-1 WAS 8505-7, 9726-19 WAS 8726 & 8727, 5900D16(4) WAS 5905D1(2), ADDED 8131-2, 8712-C1-2 WAS 8712-A1-2	3/1/23	BJL	UNSPECIFIED TOLERANCES 1 PL ±.030 2 PL ±.020 3 PL ±.003 ANGLE ±1°	MATERIAL DRAWN BY JOHN F DATE 10/13/2014 SCALE SHEET 1 / 2
REV	NO.	DESCRIPTION	DATE	BY	 CEDAR RAPIDS, IOWA 9237-DH REV. H	

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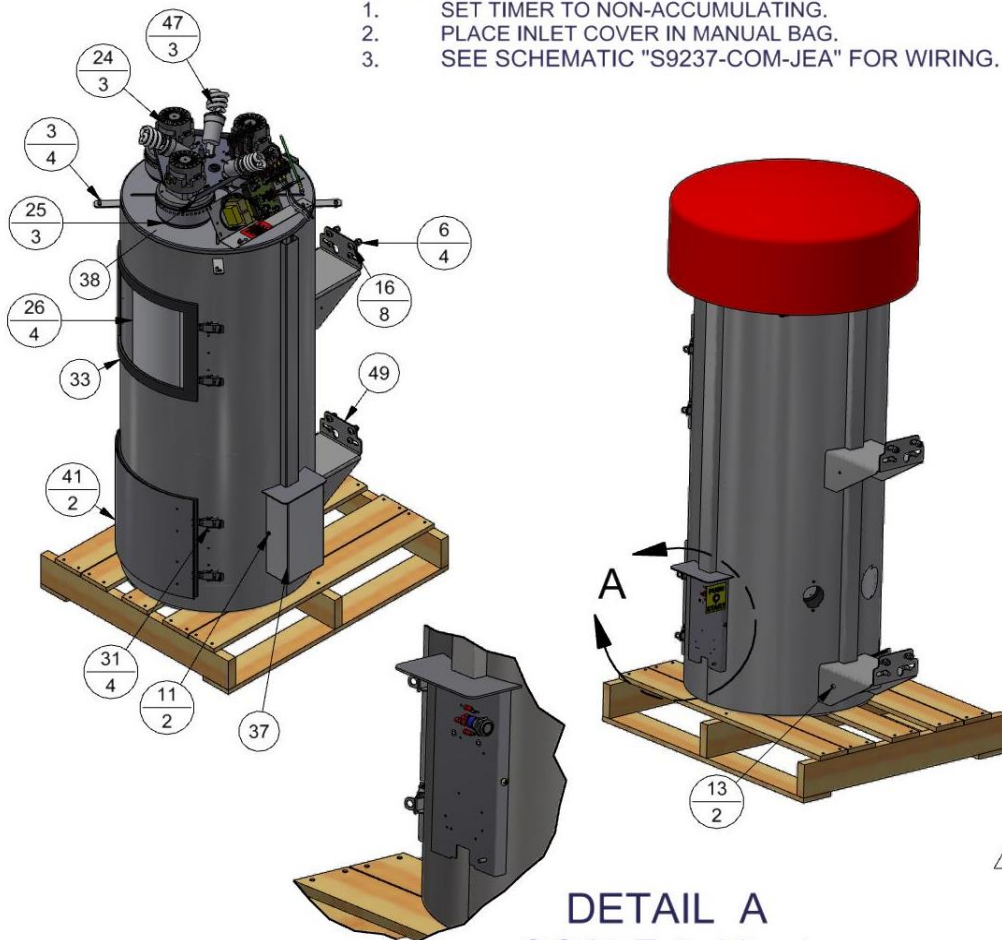
9237LD-DH

## BILL OF MATERIALS

ITEM	PART NUMBER	DESCRIPTION	QTY
51	9900-6A	BRACKET COVER ASSEMBLY	1
52	B5722-002	NUT, 3/8-16 UNC HEX LOCK NUT	4

## NOTES:

1. SET TIMER TO NON-ACCUMULATING.
2. PLACE INLET COVER IN MANUAL BAG.
3. SEE SCHEMATIC "S9237-COM-JEA" FOR WIRING.



DETAIL A  
SCALE 0.12 : 1

## BILL OF MATERIALS

ITEM	PART NUMBER	DESCRIPTION	QTY
1	2036	HOSE, 2" X 15' BLACK VACUUM	1
2	5600D4	3/8-16 X 1.5 HHCS	4
3	5601D13	1/4-20x1/2 SERR HEAD - STAINLESS	4
4	5603D1	10 Std NC Nylock Nut	2
5	5603D11	1/2 Std NF Nylock Nut	1
6	5603D3	NUT, 3/8-16 Nylock, SS	4
7	5606D22	WASHER, 3/8 FENDER	8
8	5606D7	FLAT WASHER, .160 ID X .500 OD	1
10	5627D2	SCREW 6-32 x .63 PD, PH, MS	1
11	5636D1	SCREW, #10-24 X .50, PH, PD, SS	2
12	5639D1	RUBBER GROMMET	1
13	5640D1	1/4-20 x 1/2 PHIL PAN HEAD SCREW	2
14	5647D2	RIVET - 1/8 SS POP	16
15	5647D8	RIVET - 3/16 SS POP	14
16	5702D6	3/8-16 X .75 TORX SEC. T-45	8
17	5871b8	PLUG, VAC BOTTOM 2-1/2"	8
18	5900D16	TERM, F SPADE, .110, 22-18 AWG, INS.	4
19	5901D1	WIRE NUT, YELLOW	1
20	5901D2	WIRE NUT, RED	2
21	5905D1	TERM, FORK, #6, 22-18 AWG, INS.	2
22	6082	BAG 9 X 12	1
23	8047	PLASTIC BAG	1
24	8055	MOTOR, AMETEK 115V	3
25	8057	MOTOR GASKET	3
26	8076	FILTER BAG	4
27	8081	CABLE TIE MOUNT	3
28	8084	CABLE TIE NYLON	8
29	8108	#10 x 1/2 TAP SCREW	6
31	8153-1	LATCH, CLEANOUT DOOR	4
32	8157	NUT, #6-32 KEPP NUT STAINLESS	1
33	8159	DOOR GASKET	2
34	8183	DECAL, "DISCONNECT POWER"	1
35	8306	24" PLASTIC DOME	1
36	8427-1	DECAL, VACUUM	1
37	8505-7-1	COVER, CONTROL PLATE, .75 PB HOLE	1
38	8543K-3	3 MOTOR LIGHT KIT	1
39	8586BY	DECAL, PUSH TO START	1
40	8605	PALLET, VAC, 26" X 30.5"	1
41	8615-5W	CLEANOUT DOOR WELDMENT	2
42	8619-6	PLATE, VAC INLET COVER	1
43	8631	11 X 55 PAD	1
44	8712-C1-2	CABLE ASSEMBLY, COIN/CC, 66"	1
45	8732	NAMEPLATE SERIAL TAG, UL	1
46	8754	DECAL- ENGLISH/FRENCH/SPANISH, WARN	1
47	8925	FLOURESCENT BULB	3
48	9217-JEA-24	TIMER ASY, JEA, CV POST MOUNT, 24 VOLT	1
49	9236-3W-DH-2	VAC CAN W/C, 3M, DH, POST MOUNT	1
50	9726-19-G	PUSH BUTTON, 19MM, SPST, 24VAC, GREEN, MOMENTARY	1

H	9006	9217-JEA-24 WAS 9217-JEA, REMOVED 8131-2	6/30/23	BJL	TITLE	VAC, COMMERCIAL, 3M, LD, DH, POST MOUNT
G	8985	8505-7-1 WAS 8505-7, 9726-19 WAS 8726 & 8727, 5900D16(4) WAS 5905D1(2), ADDED 8131-2, 8712-C1-2 WAS 8712-A1-2	3/1/23	BJL	UNSPECIFIED TOLERANCES	MATERIAL
REV	NO.	DESCRIPTION	DATE	BY	1 PL ± .030	BY JOHN F
					2 PL ± .020	DATE 10/13/2014
					3 PL ± .003	SCALE
					ANGLE ± 1°	SHEET 1 / 1
						PART NO 9237LD-DH
						REV. H

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NOTES:  
1. SET TIMER TO ACCUMULATING.  
2. PLACE INLET COVER IN MANUAL BAG.



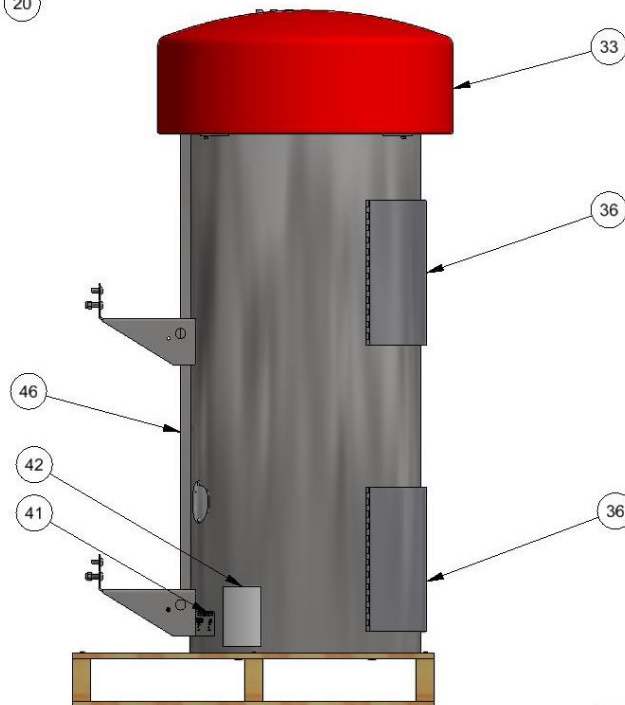
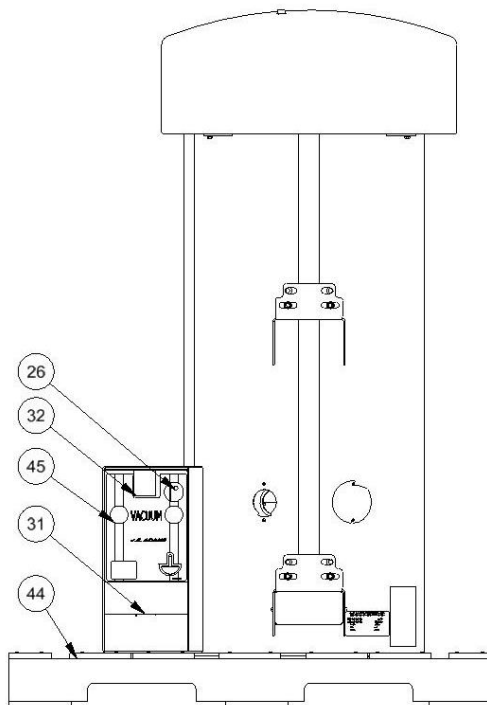
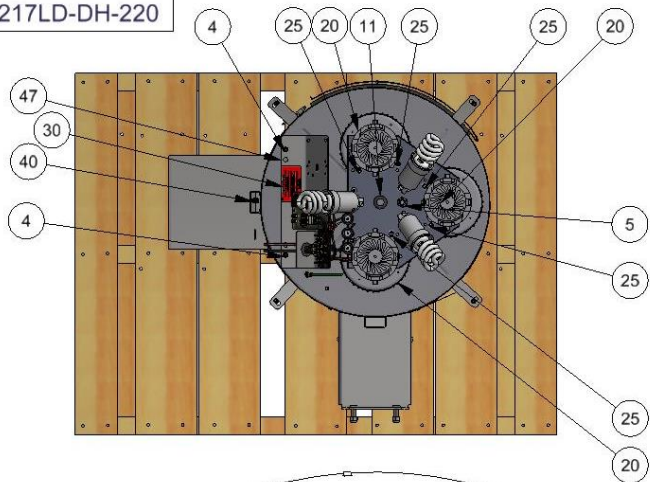
BILL OF MATERIALS				BILL OF MATERIALS			
ITEM	PART NUMBER	DESCRIPTION	QTY	ITEM	PART NUMBER	DESCRIPTION	QTY
34	8427-1	DECAL, CANISTER	1	1	2036	HOSE, 2" X 15' BLACK VACUUM	1
35	8543K-3	3 MOTOR LIGHT KIT	1	2	5600D4	3/8-16 X 1.5 HHCS	4
36	8615-5W	CLEANOUT DOOR WELDMENT	2	3	5601D13	1/4-20x1/2 SERR HEAD - STAINLESS	4
37	8619-6	PLATE, VAC INLET COVER	1	4	5603D1	10 Std NC Nylock Nut	2
38	8631	11 X 55 PAD FOR VACS	1	5	5603D11	1/2 Std NF Nylock Nut	1
39	8638	PIN LOCK	2	6	5603D3	NUT, 3/8-16 Nylock, SS	4
40	8712-C1-2	CABLE ASSEMBLY, COIN/CC, 66"	1	7	5606D22	WASHER, 3/8 FENDER	8
41	8732	NAMEPLATE SERIAL TAG, UL	1	8	5606D7	FLAT WASHER, .160 ID X .500 OD	1
42	8754	DECAL- ENGLISH/FRENCH/SPANISH, WARN	1	9	5627D2	SCREW 6-32 x .63 PD, PH, MS	1
43	8925-220	FLOURESCENT BULB, 13W-230VAC, SPIRAL MINI	3	10	5636D1	SCREW, #10-24 X .50, PH, PD, SS	2
44	8939	PALLET, DUAL, OVAL, SPECIAL, 30X40	1	11	5639D1	RUBBER GROMMET	1
45	9200FPD	DECAL, FACEPLATE	1	12	5647D2	1/8" SS POP RIVET	16
46	9214W-DH	VAC CAN W/C, 3MTR, DH, POST MNT	1	13	5647D8	3/16" SS POP RIVET	14
47	9217-JEA-220	TIMER ASY, JEA, 220V CV POST MNT	1	14	5702D6	3/8-16 X .75 TORX SEC. T-45	8
48	9900-6A	BRACKET COVER ASSEMBLY	1	15	5871b8	PLUG, VAC BOTTOM 2-1/2"	8
49	B5722-002	NUT, 3/8-16 UNC HEX LOCK NUT	4	16	5900D14	TERMINAL, F SPADE, 3/16", 22-18AWG	2



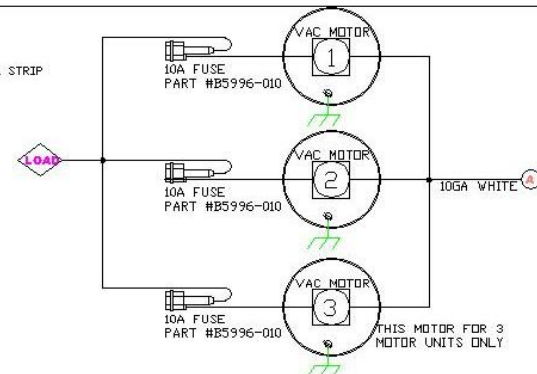
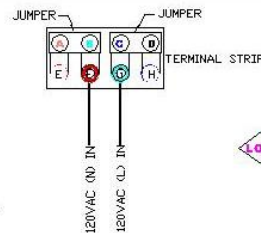
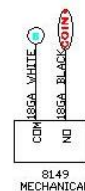
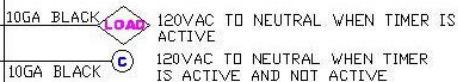
17	5900D5	TERM, F SPADE, 3/16, 22-18 AWG INS.	2
18	6082	BAG, 9 X 12	1
19	8047	BAG, 9 X 12	1
20	8055AE-220V	ELECTRO MOTOR 220V	3
21	8057	MOTOR GASKET	3
22	8076	FILTER BAG	4
23	8081	CABLE TIE MOUNT	3
24	8084	CABLE TIE	8
25	8108	#10 x 1/2 TAP SCREW	6
26	8149	IMONEX COIN ACCEPTOR	1
27	8153-1	LATCH, CLEANOUT DOOR	4
28	8157	NUT, #6-32 KEPP NUT STAINLESS	5
29	8159	DOOR GASKET	2
30	8183	DECAL, "DISCONNECT POWER"	1
31	8204RW	COIN BOX, PIN LOCK WELDMENT	1
32	8211RW	FACEPLATE WELDMENT, R.H	1
33	8306	24" PLASTIC DOME	1

REV	NO.	DESCRIPTION	DATE	BY	TITLE	UNSPECIFIED TOLERANCES	MATERIAL	DATE	SCALE	SHEET	PART NO.	REV.
D	8883	ADD INLET COVER TO BOM, PLACE IN MANUAL BAG	06/13/22	JRF	VAC , 3M, DUAL HOSE, POST MOUNT, 220V	1 PL ±.030	CHAD K.	11/10/2016	1 / 20	1 / 2	9217LD-DH-220	D
C	8825	REPLACE 9217SS5-220 WITH 9217-JEA-220, ADD 8712-C1-2	2/3/22	MWS		2 PL ±.020						
B	8047	REMOVED 2081 AND 8061-720-8	7-17-17	CAK		3 PL ±.003						
A	7908	REMOVED 5911D3 AND 5911D4; ADDED 8925-220	12-22-16	CK		ANGLE ± 1°						
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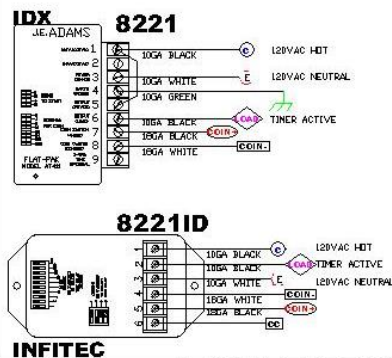




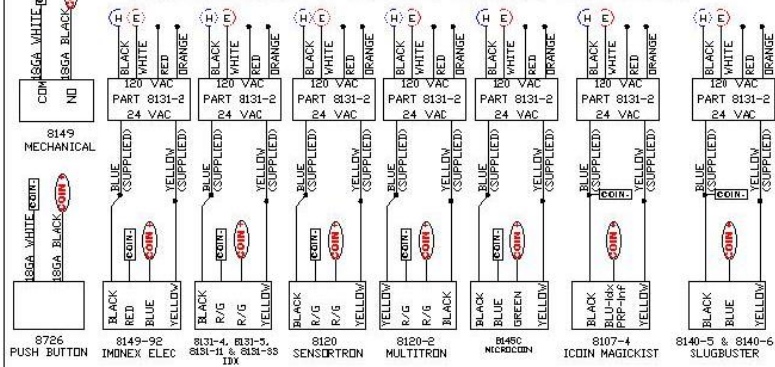
TITLE		VAC , 3M, DUAL HOSE, POST MOUNT, 220V	
UNSPECIFIED TOLERANCES		MATERIAL	
1 PL	± .030	DRAWN BY CHAD K.	
2 PL	± .020	DATE 11/10/2016	
3 PL	± .003	SCALE 1 / 20	
ANGLE ± 1°		SHEET 2 / 2	
		PART NO 9217LD-DH-220	
		REV. D	



## OPTIONAL TIMERS



## COIN ACCEPTORS IDX & INFITEC



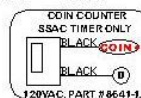
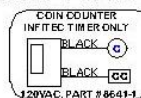
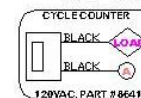
## IMPORTANT INFORMATION

**!! IMPORTANT !!**  
TERMINAL STRIP IS ON BACK SIDE OF  
TIMER PLATE IN LOCK BOX. FIELD  
WIRING **MUST** COMPLY WITH LOCAL AND  
NATIONAL ELECTRICAL CODES  
**\*30AMP SERVICE IS REQUIRED  
FOR 3 MOTOR UNIT\***

## LIGHTED DOME



## OPTIONAL COUNTERS



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PART NO. VACUUM 120V



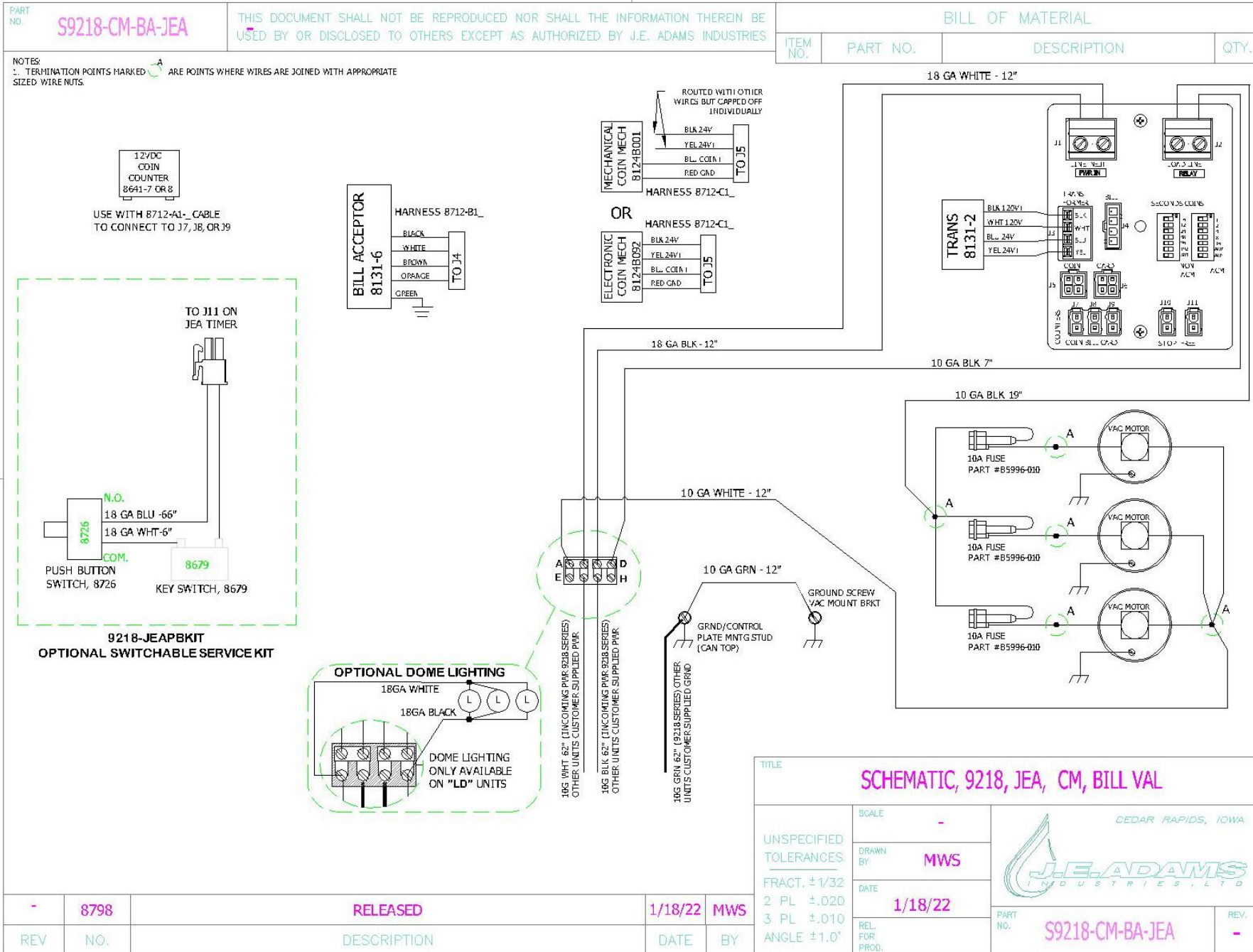
GEDAR RAPIDS, IOWA

UNSPECIFIED  
TOLERANCES

1	PL	$\pm 0.030$
2	PL	$\pm 0.010$
3	PL	$\pm 0.003$

TITLE				VACUUM 120V			
DRAWN BY		DATE		SCALE		REL. FOR PROJ.	
CHAD K.		12/16/15		NONE			
MATERIAL				PART NO.		REV. LEVEL	
-				VACUUM 120V		D	





PART NO.

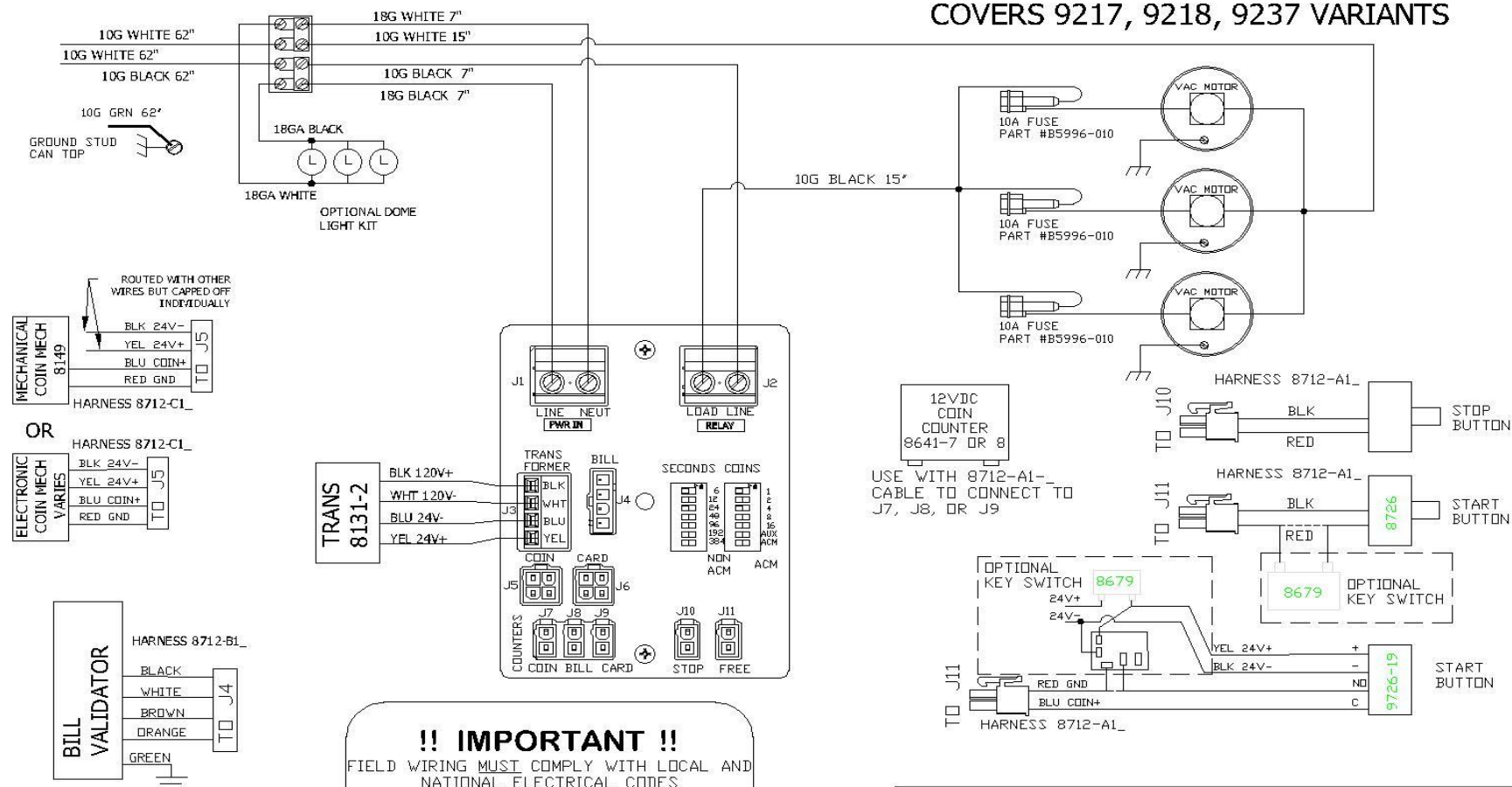
S9217-18-37 JEA


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## BILL OF MATERIAL

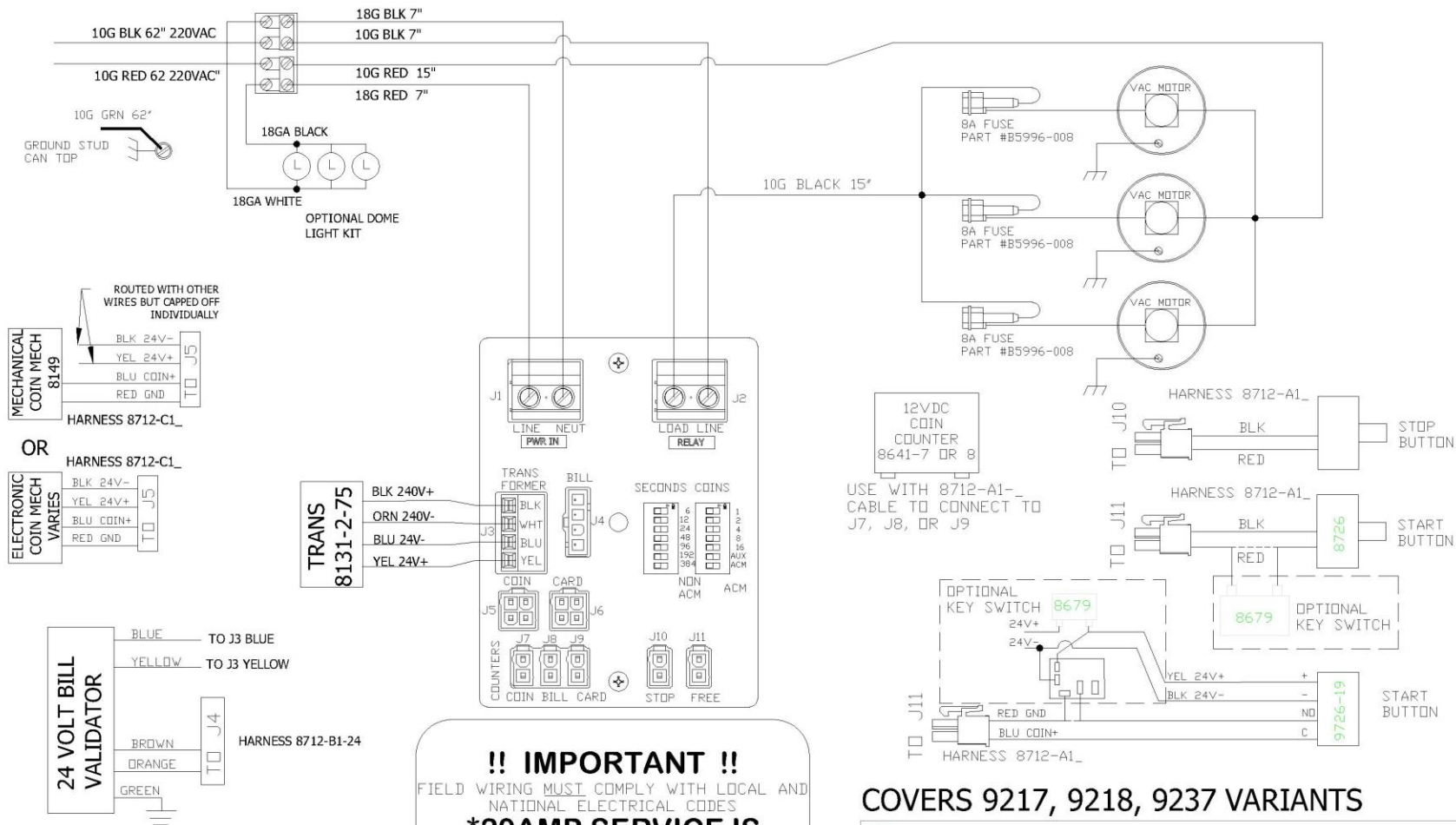
ITEM NO.	PART NO.	DESCRIPTION	QTY.
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## COVERS 9217, 9218, 9237 VARIANTS



TITLE		3M VAC, JEA, COIN/PUSH START/KEY SWITCH	
UNSPECIFIED TOLERANCES	SCALE	-	
	DRAWN BY	JRF	
	DATE	1/28/21	
	REL. FOR PROD.		
FRACT. $\pm 1/32$ 2 PL $\pm 0.020$ 3 PL $\pm 0.010$ ANGLE $\pm 1.0^\circ$			
REV	NO.	S9217-18-37 JEA	
		A	

ITEM NO.	PART NO.	DESCRIPTION	QTY.
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C	9282	CORRECT WIRE COLORS AND LOCATIONS	2/17/25	JRF
B	8985	ADDED 9726-19 START BUTTON	4/5/23	BJL
A	8987	CORRECT WIRE COLORS AND VALIDATOR HARNESS	3/03/23	JRF
REV	NO.	DESCRIPTION	DATE	BY

TITLE 220V - 3M VAC, JEA, COIN/PUSH START/KEY SWITCH			
UNSPECIFIED TOLERANCES  FRACT. ± 1/32 2 PL ±.020 3 PL ±.010 ANGLE ± 1.0°	SCALE  -	 CEDAR RAPIDS, IOWA	
	DRAWN BY  JRF		
	DATE  1/28/21		
	REL. FOR PROD.		
PART NO.  S9217-18-37 JEA		REV.  C	