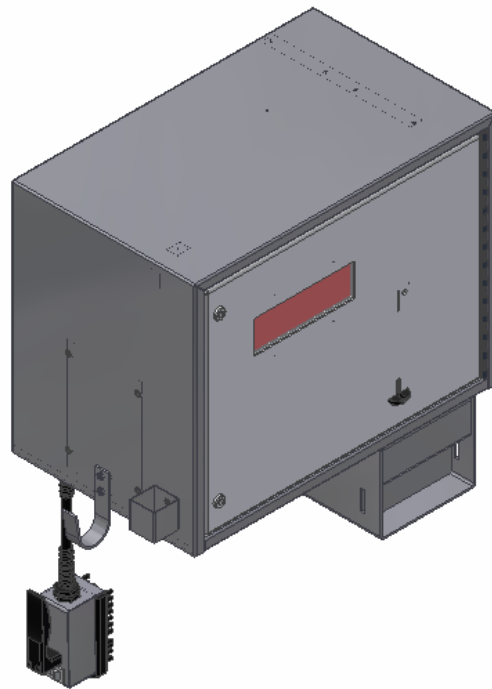
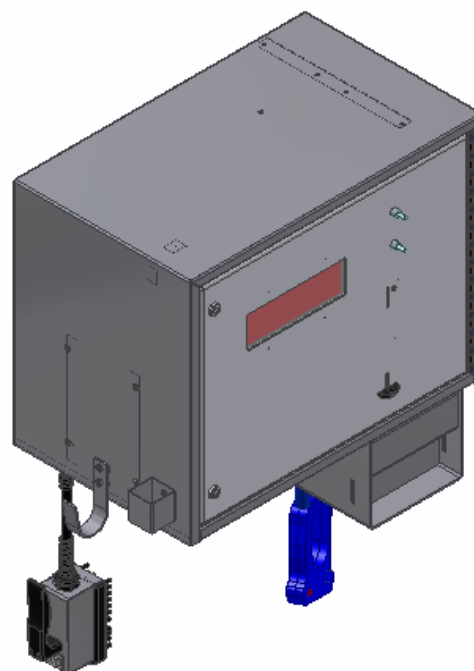


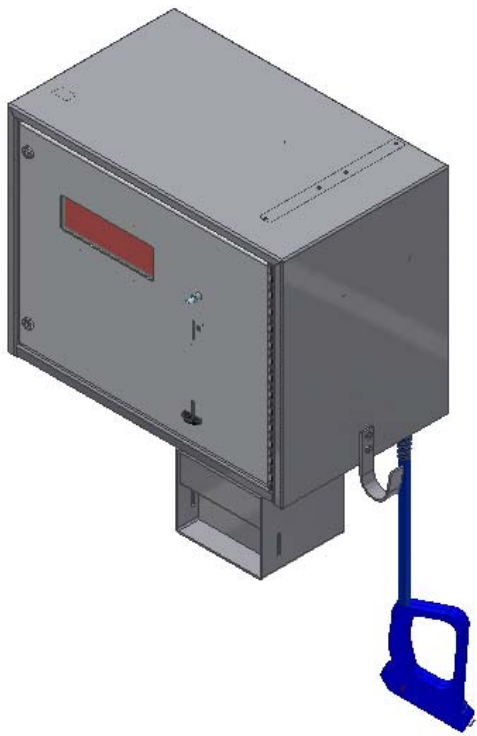
# OWNERS MANUAL



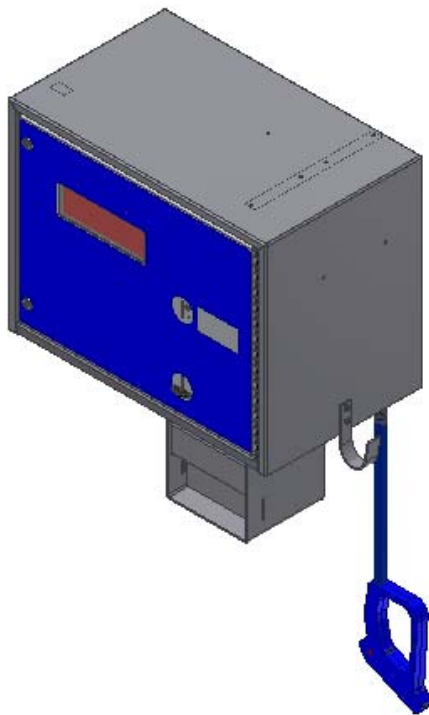
MODEL # 11000

MODEL # 12000





MODEL # 13000



MODEL # 16000

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

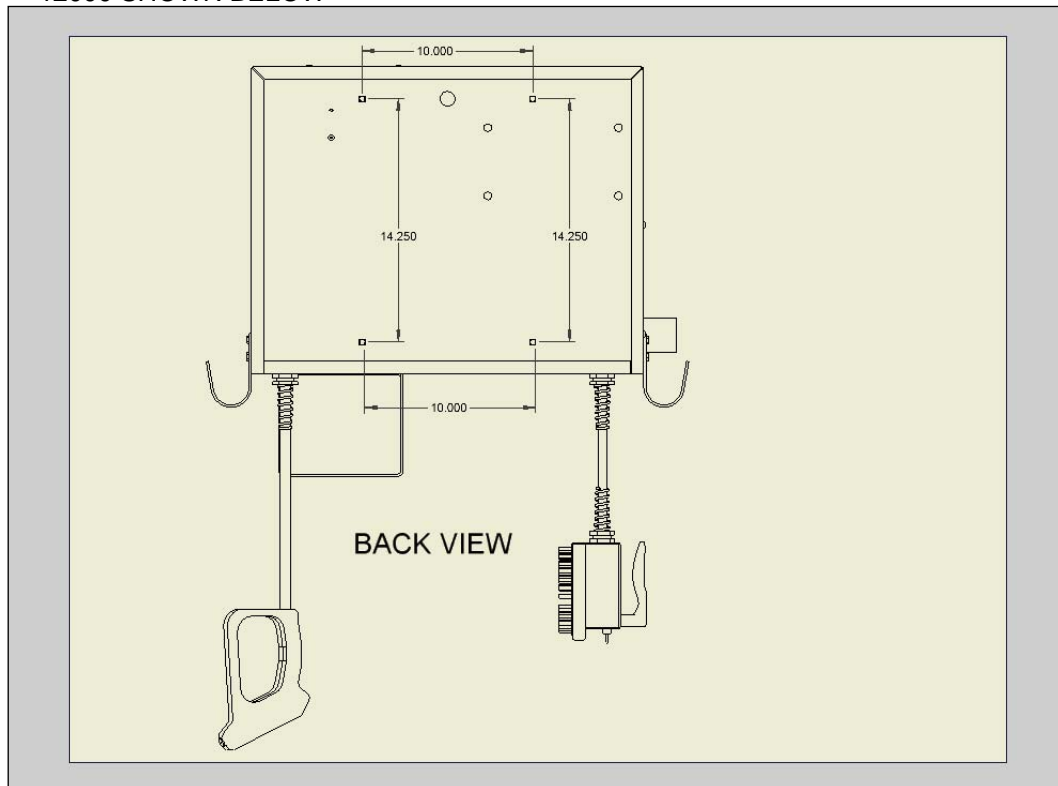
**J.E. Adams Industries  
1025 63<sup>rd</sup> Ave. S.W.  
Cedar Rapids, IA 52404  
1-800-553-8861  
[www.jeadams.com](http://www.jeadams.com)**

**SPECIFICATIONS:**

- SUPPLY VOLTAGE: 110VAC, 60HZ, 10A
- COMPRESSOR: 1/12HP, 110VAC, 60HZ
- SIZE: 18 x 23 x 14
- CAPACITY: MODEL 16000 - TIRE SHINE  
1 GALLON TIRE SHINE
- CAPACITY: MODEL 13000 - FRAGRANCE  
½ GALLON EACH FRAGRANCE
- CAPACITY: MODEL 12000 - SHAMPOO/SPOT REMOVER/FRAGRANCE  
1 GALLON SPOT REMOVER  
1 GALLON SHAMPOO  
½ GALLON EACH FRAGRANCE
- CAPACITY: MODEL 11000 - SHAMPOO/SPOT REMOVER  
1 GALLON SPOT REMOVER  
1 GALLON SHAMPOO

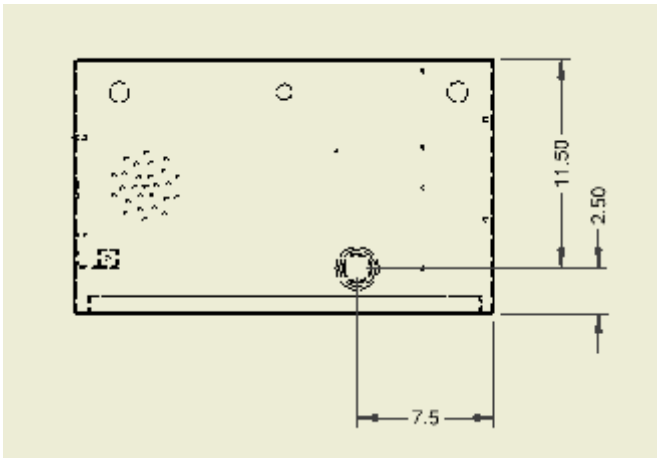
**INSTALLATION:**

WALL MOUNT: MOUNT IS THE SAME FOR 11000, 12000, 13000 AND 16000.  
12000 SHOWN BELOW



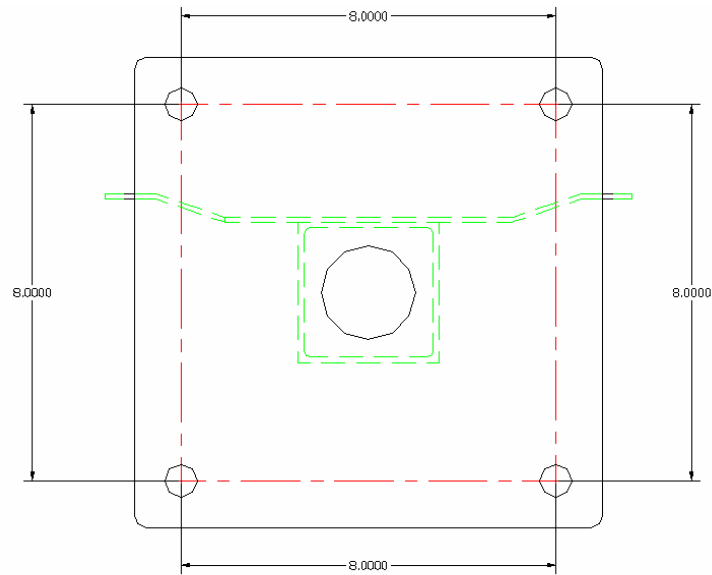
5/16-18 MAX BOLTS RECCOMENDED FOR INSTALLATION

VAULT READY 11000, 12000, 13000, AND 16000



TOP VIEW

**PEDESTAL MOUNT:**

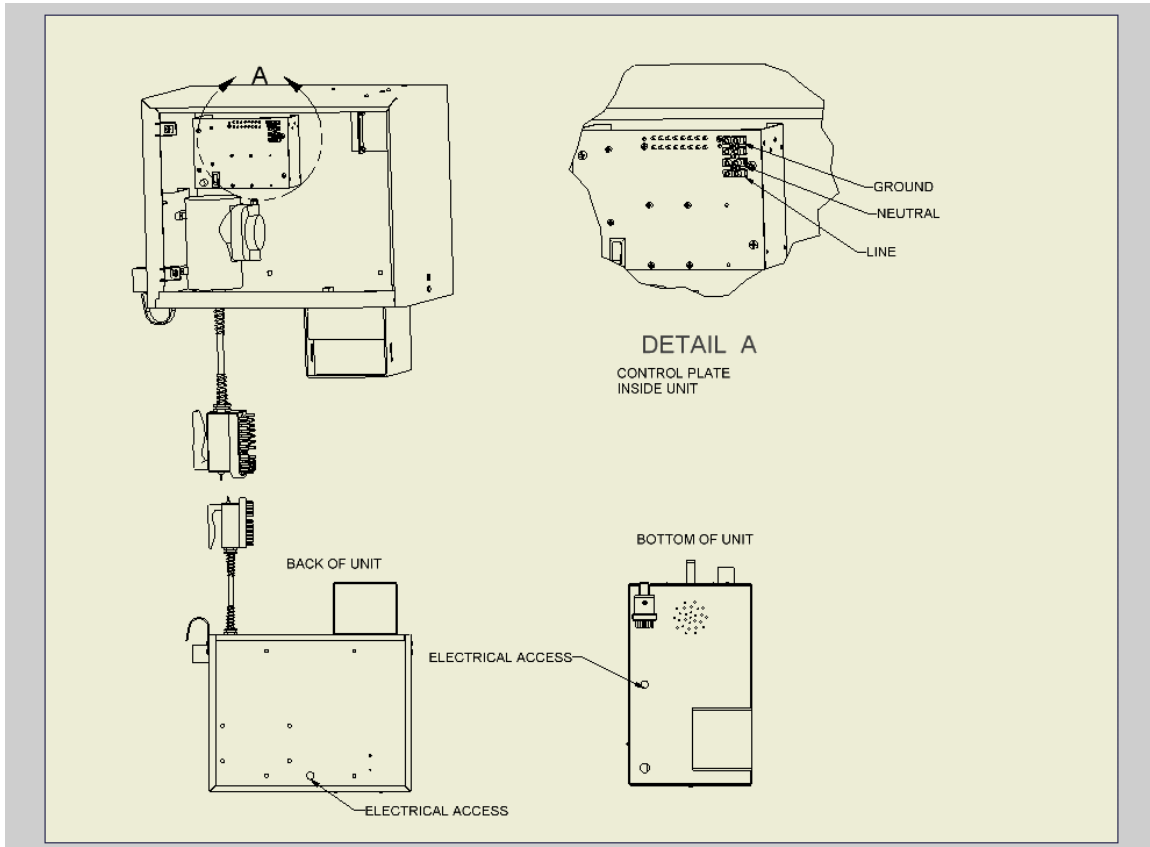


PEDESTAL MOUNT DIM'S

- MOUNT PEDESTAL TO GROUND
- MOUNT UNIT TO PEDESTAL AND SECURE WITH 5/16-18 NUTS.

### ELECTRICAL SUPPLY REQUIREMENT:

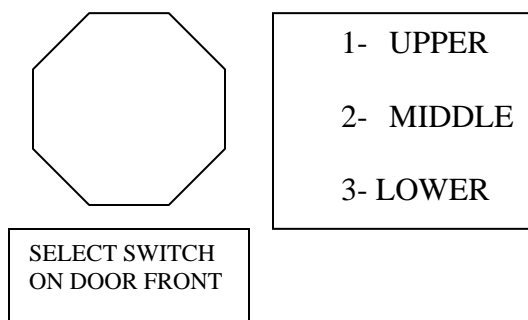
- MIN 10AMP SERVICE, DEDICATED
- WIRE GAUGE TO BE CONSISTANT WITH LOCAL ELECTRICAL CODES.
- SEE DRAWING BELOW FOR WIRE INSTALLATION FOR WIRE ACCESS POINTS AND FOR WIRE HOOK UP.
- INSERT WIRE INTO TERMINAL STRIP AND SCREW INTO PLACE.



### SET UP & OPERATION

NOTE: TO OPEN DOOR LOCKS TURN COUNTER CLOCKWISE 10-12 TIMES

- ATTACH DESIRED SCENT DECALS TO DOOR (12000 & 13000 ONLY)
- ATTACH DESIRED PRICING DECALS TO DOOR
- REMOVE ½ GALLON CONTAINERS FROM MACHINE. FILL WITH DESIRED SCENTS. (12000 & 13000 ONLY)
- ATTACH PICKUP HOSES TO SCENT CONTAINERS FOLLOWING DIAGRAM. TUBES LABELED THE SAME.



- ATTACH SHAMPOO AND SPOT PICKUP HOSES TO THE 1 GALLON CONTAINERS PER LABEL ON LID (11000 & 12000 ONLY)
- DIXMOR DISPLAY PROGRAMMING WITH OPTIONAL REMOTE (8000-30) SEE BELOW
  - 1) Press the red power button.
  - 2) Timer will display 0000. At this time type in 4 digit access code. Note code will be 1234 until changed by customer.
  - 3) Once code has been entered display should read ok. If display does not read ok, repeat step 1 and 2.
  - 4) Press CH + button. Timer will display coin value. This should \$.25 and should not be changed.
  - 5) Press the CH + button. Display will now read (A: 30) or may be a different time. (A) Will be the time per coin for a single function machine. NOTE: The 12000 series is a "dual function" machine so will be applicable to step 6. Set desired time per coin by using the VOL – to decrease or the VOL + to increase. Once time is entered move to next step. (THIS STEP IS USED ON ALL MACHINES)
  - 6) Press the CH + button. Display will now read (B: 30) or may be different time. (B) Will be the time per coin for SCENT on the 12000 series machine which is a "dual function" machine. Set desired time per coin by using the VOL – to decrease or the VOL + to increase. Once time is entered move to next step.
  - 7) Press the CH + button. Display will now read C. C is not use
  - 8) Press the CH + button. Display will now read D. D is not use.
  - 9) Press the CH + button. Display will now read E. E is not use.
  - 10) Press the CH + button. Display will now read F. F is not use.
  - 11) Press the CH + button. Display will now read (on A). This is the number of coins to start the primary function of the machine. Use the VOL – and VOL + to adjust. Once this is done press the CH+ button and repeat for (B) which is SCENT on the 12000 "dual function" machine only. All other units (B) is non applicable.
  - 12) Press the CH + button. Display will read bonus time. Set if desired. See explanation at the end programming instructions.
  - 13) Press the CH + button. Display will debit mode. Set if desired. See explanation at the end programming instructions.
  - 14) Press the CH + button. Display will delayed start. Set if desired. See explanation at the end programming instructions.
  - 15) Press the CH + button. Display will read HLxx. Set if desired. See explanation at the end programming instructions.
  - 16) Press the CH + button. Display will read Restart off or restart on depending on what is set. Restart off will require a person to put in full amount after unit is turned off to reactivate. Restart on allows for

additional coins to be put in the machine to keep unit running. To set use VOL – or VOL + to change.

- 17) Press the CH + button. Display will now read STD or USER or MIX. To make a custom message use VOL + button to scroll to USER. At this point press and hold CH + button until original message appears. At this time you may change the message simply by using the VOL – or VOL + buttons to change letters. Once message has been entered you must put the symbol / at the end of message. This will tell display that this is the end of the message.
- 18) Press the CH + button now 5 more times to exit programming.
- 19) Unit should now be programmed.

#### Program definitions:

##### Bonus time settings:

- Amount of time set in bonus time is added to regular time per coin/pulse(e.g. if you want to give 45 seconds for bonus time and your regular time per coin is 30 seconds, you would set bonus time at 00:15)
- Bonus is disabled by setting bonus time to 00:00.
- If bonus time is set to less than one minute, bonus time is added when bonus coin is reached and every coin after that until time expires.
- If bonus time is set at 1:00 or more, bonus will be a “one time” bonus. Bonus time will only be added for bonus coin or multiples of bonus coin (e.g. 16<sup>th</sup> coin, 32<sup>nd</sup> coin, etc). Any other coin will on receive regular time per coin.
- If bonus time is set to 99:00, when bonus coin is deposited, timer will show “-on-“ and timer will continue to run until coin switch wire is shorted to ground by a loop detector or other switch closure for a minimum of two seconds.

##### Debit and 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, 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.

##### Display programming with push button:

- Unit can be programmed using buttons that are located inside display. One is labeled S2, which is used to change from item to item. One is labeled S1 which is used to set desired value. If you hold down S1 this

will cause numbers to decrease. If you repeatedly push S1 numbers will increase.

- When programming with buttons use same instructions as remote except for the following. Where it says to press CH + use S2 and where it says to use VOL + or – use S1.

- START MACHINE AND SELECT SHAMPOO/SPOT FUNCTION. RUN BOTH SHAMPOO AND SPOT SELECTIONS UNTIL AIR IS COMPLETELY BLED FROM SUPPLY TUBES (11000 & 12000 ONLY)
- SELECT FRAGRANCE SELECTION. START MACHINE AND OPERATE EACH SELECTION UNTIL AIR IS COMPLETELY BLED FROM THE SUPPLY TUBES (12000 ONLY)
- TURN MACHINE ON AND CYCLE UNTIL AIR IS COMPLETELY BLED FROM LINES (13000 & 16000 ONLY)
- CLOSE AND LOCK DOOR AND PLACE INTO SERVICE.

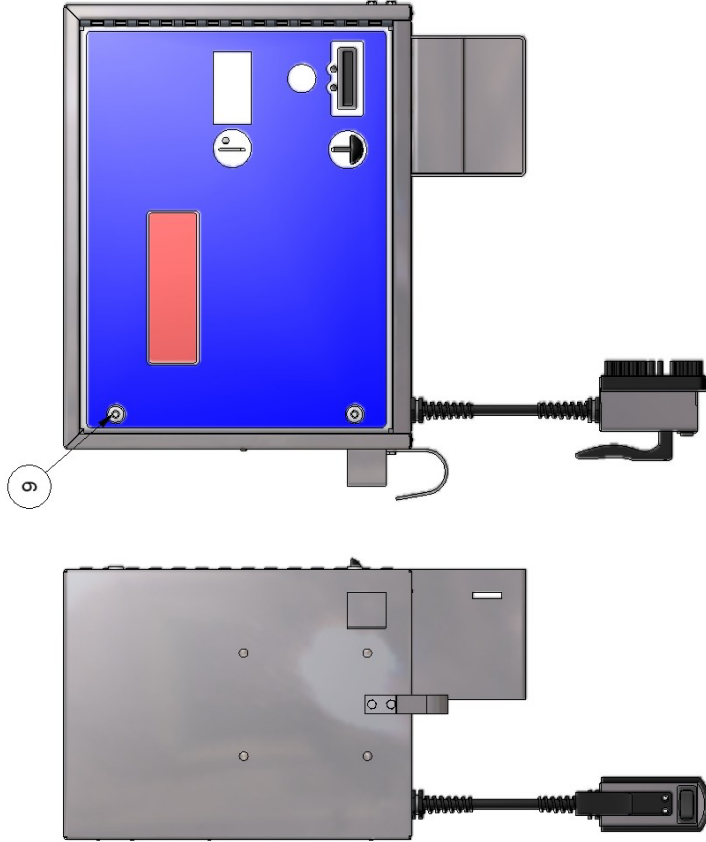
**MAIN REPLACEMENT PARTS:**

9500-43 PERISTALTIC PUMP  
 8843 FILTER  
 8802-1 LOCKING CAP  
 8549 FLEX STRAIN RELIEF  
 8824 COMPRESSOR  
 8131-2 TRANSFORMER  
 8760 RELAY  
 5979D2 FUSE  
 5914 ROCKER SWITCH  
 8844 AIR SOLENOID (12000 UNIT ONLY)  
 FOR ANY PARTS NOT LISTED CALL J.E. ADAMS

**TROUBLESHOOTING:**

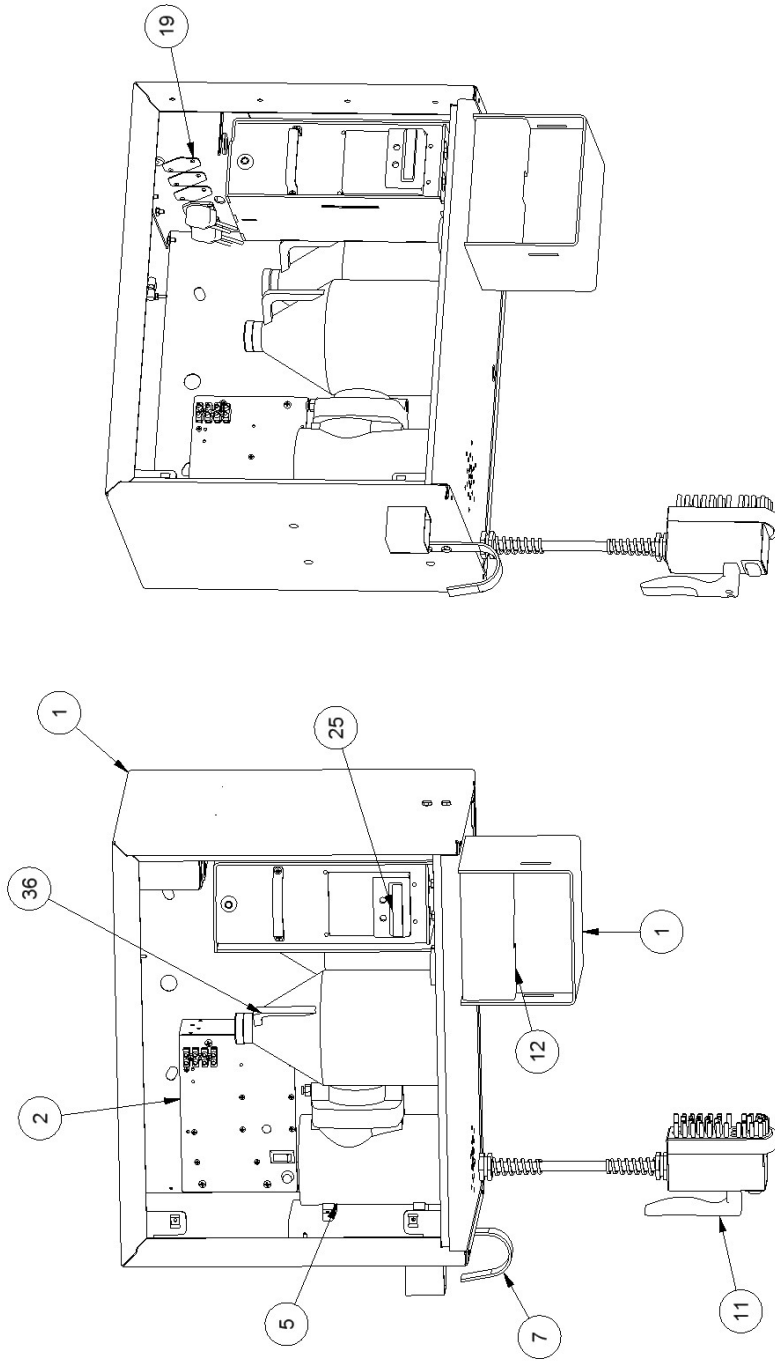
UNIT WONT RUN	1) CHECK CIRCUIT BREAKER 2) CHECK FUSE IN MACHINE 3) CORRECT NUMBER OF COINS DEPOSITED 4) MAKE SURE POWER SWITCH IS ON
SHAMPOO/SPOT NOT WORKING (11000 & 12000 ONLY)	1) CHECK THAT ALL AIR IS REMOVED FROM SUPPLY TUBES AND CAPS ARE TIGHT ON CONTAINERS 2) CHECK FLUID LEVELS IN CONTAINERS 3) ENSURE SELECTOR SWITCH IS IN PROPER POSTION 4) VERIFY PERISTALTIC PUMPS ARE WORKING
FRAGRANCE NOT WORKING (12000 & 13000 ONLY)	1) ENSURE SELECTOR SWITCH IS IN PROPER POSTION 2) CHECK FLUID LEVEL IN CONTAINERS 3) CHECK THAT ALL AIR IS REMOVED FROM SUPPLY TUBES AND CAPS ARE TIGHT

PART NO.		11000V	
BILL OF MATERIALS		BILL OF MATERIALS	
ITEM	PART NUMBER	DESCRIPTION	QTY
39	1079-3	GASKET	74"
40	3100	1/4" CLEAR TUBING	60"
41	3105	3/16" OD TUBING	12"
45	8000-23	5 POLE FEMALE CONN	1
46	5901D5	WIRE NUT	5
47	5721D2	HEAT SHRINK TUBING	20"
BILL OF MATERIALS		BILL OF MATERIALS	
ITEM	PART NUMBER	DESCRIPTION	QTY
1	11000-1W	CABINET WELDMENT	1
2	11000-5A-1	CONTROL PLATE ASSEMBLY	1
3	5604D1	#10-24 x 1/2 CARR BOLT	6
4	5611D2	NUT, 10-24 UNC KEPP- ZINC	16
5	11000-4A	COMPRESSOR ASSEMBLY	1
6	11000-10w	BRACKET WELDMENT, SHAM.	1
7	8678	HOSE HANGER	1
8	5601D8	1/4-20 x 3/8 HHCS-ZINC PLATED	4
9	11000-11A-1	DOOR ASSY,FRAGRANCE	1
10	8549-1	FLEX STRAIN RELIEF	1
11	11000-15	SHAMPOO BRUSH ASSEMBLY	1
12	8204RW	WELDMENT, COIN BOX	1
13	8638	PIN LOCK	1
14	5644D2	CAGE NUT	2
15	11000-22	UNION 1/8 PUSH LOCK FITTING	1
16	8157	NUT, #6-32 KEPP NUT STAINLESS	5
17	11000-6w	BRACKET WELDMENT	2
18	5636D1	#10-24 PHIL. PAN HEAD SCREW	6
19	11000-53A	PUMP BRACKET ASSEMBLY	1
20	29000-59	VALIDATOR FACEPLATE HANDLE	1
21	29000-45W	VALIDATOR FACEPLATE WELDMENT	1
22	29000-44W	VALIDATOR BOX WELDMENT	1
23	5644D1	CAGE NUT	1
24	8958-1	MEDECO SCREW LOCK	1
25	8130-6	MARS 110V BILL VALIDATOR	1
26	5603D9	10 Std NF Nylock Nut	2
27	29000-42W	MOUNTING BRKT WELDMENT	1
30	11000DBLUE	DECAL, 16000, BLUE	1
31	9500-47	STAINLESS TUBE WEIGHT	2
32	8843	DEBRIS FILTER	2
34	8802-1	BOTTLE CAP, DRILLED	2
35	8036	NUT, 1/4-20 UNC KEPS	8
36	9500WIN	WINTER SHAMPOO FORMULA	1
37	11000SPOT	SPOT REMOVER FORMULA	1
38	8687-3	HOLE PLUG 1-1/4"	1



TITLE		SHAMPOO-SPOT MACHINE w/VAL	
UNSPECIFIED TOLERANCES		MATERIAL	
1 PL	±.030	SCALE	CEDAR RAPIDS, IOWA
2 PL	±.010	DRAWN BY	JOHN F.
3 PL	±.003	DATE	6/16/2009
ANGLE ±1.0°		PART NO.	
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		REV.	
A		11000V	
REV		A	

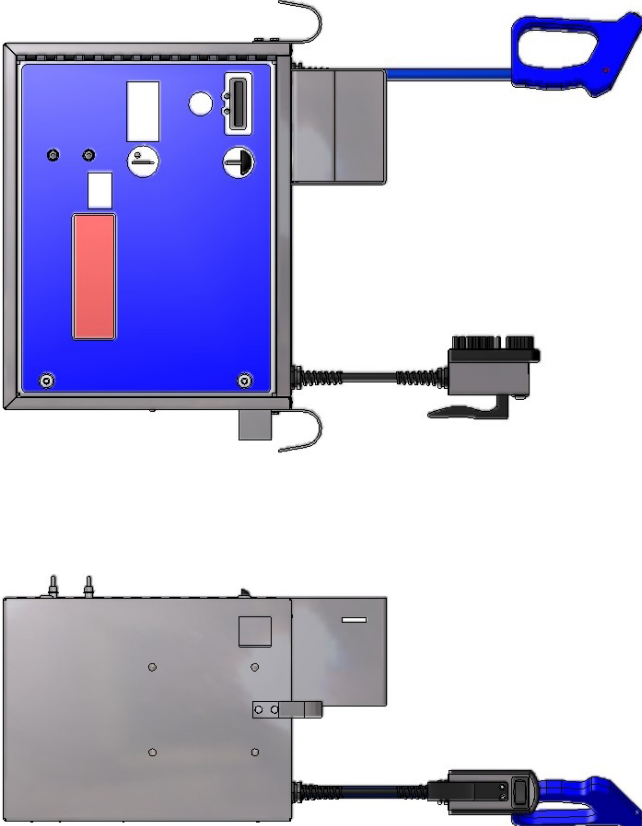
PART NO. 11000V

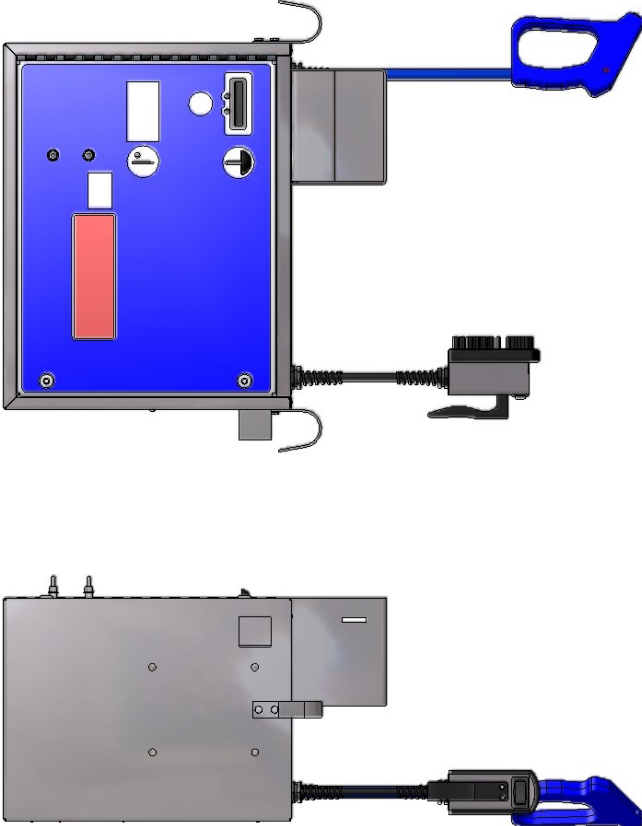


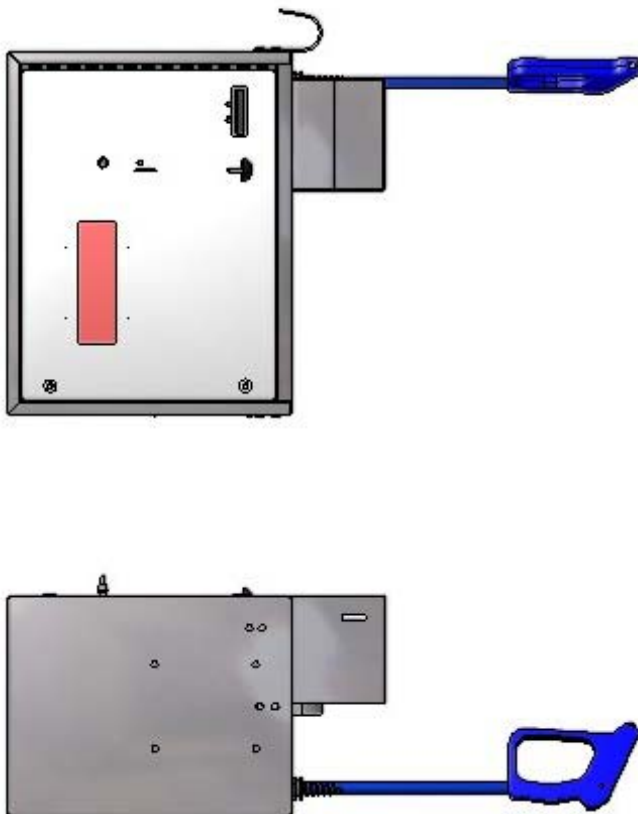

TITLE				SHAMPOO-SPOT MACHINE w/VAL				CEDAR RAPIDS, IOWA			
A	REV	5267	NO.	ADD 4 NUTS FOR VAL BRACKET	DESCRIPTION	DATE	JF	UNSPECIFIED TOLERANCES		MATERIAL	
								1 PL ±.030		SCALE	
								2 PL ±.010		DRAWN BY JOHN F.	
								3 PL ±.003		DATE 6/16/2009	
THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION THEREIN BE USED BY OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY J.E. ADAMS INDUSTRIES								PART NO.		REV. A	
								11000V			

PART NO.				12000V				BILL OF MATERIALS				BILL OF MATERIALS			
ITEM		PART NUMBER		DESCRIPTION		QTY		ITEM		PART NUMBER		DESCRIPTION		QTY	
38		9500WIN		WINTER SHAMPOO FORMULA		1		1		11000-1W		CABINET WELDMENT		1	
39		11000SPOT		SPOT REMOVER FORMULA		1		2		12000-5A-1		CONTROL PLATE ASSEMBLY		1	
40		11000-23		3/16" UNION PUSHLOCK		1		3		5604D1		#10-24 x 1/2 CARR BOLT		6	
41		1079-3		GASKET		74"		4		5611D2		NUT, 10-24 UNC KEPP- ZINC		16	
42		8000-23		FEMALE 5 POLE CONN		1		5		11000-4A		COMPRESSOR ASSEMBLY		1	
46		5901D5		ORANGE WIRE NUT		5		6		11000-10w		BRACKET WELDMENT, SHAM.		1	
47		3100		1/4" RUBBER TUBING		150"		7		8678		HOSE HANGER		2	
48		3105		3/16" OD PLASTIC TUBING		12"		8		5601D8		1/4-20 x 3/8 HHCS-ZINC PLATED		4	
49		8859		SCENT, NEW CAR		1		9		12000-11A-1		DOOR ASSEMBLY,		1	
50		8865		SCENT, VANILLA		1		10		8549-1		SHAM-SPOT-FRAG		1	
51		8857		SCENT, WILD CHERRY		1		11		11000-15		FLEX STRAIN RELIEF		1	
40		5644D2		CAGE NUT		2		12		8204RW		SHAMPOO BRUSH ASSEMBLY		1	
52		5721D2		HEAT SHRIK TUBING		20"		13		8638		WELDMENT, COIN BOX		1	
								14		11000-22		PIN LOCK		1	
								15		8157		UNION 1/8 PUSH LOCK FITTING		1	
								16		11000-6w		NUT, #6-32 KEPP NUT STAINLESS		5	
								17		5636D1		BRACKET WELDMENT		1	
								18		12000-6A		#10-24 PHIL. PAN HEAD SCREW		6	
								19		8898-1		BRACKET ASSEMBLY		1	
								20		12000-53A		FRAGRANCE GUN ASSY. .750 OD		1	
								21		28000-40		HOSE		1	
								22		8802-1		PUMP BRACKET ASSEMBLY		1	
								23		8802-1		PLASTIC CONTAINER		5	
								24		9500-47		BOTTLE CAP, DRILLED		5	
								25		8843		STAINLESS TUBE WEIGHT		5	
								26		29000-42W		DEBRIS FILTER		5	
								27		5603D9		MOUNTING BRKT, WELDMENT		1	
								28		8130-6		10 Std NF Nylock Nut		2	
								29		8958-1		MARS 110V BILL VALIDATOR		1	
								30		5644D1		MEDECO SCREW LOCK		1	
								31		29000-44W		CAGE NUT		1	
								32		29000-45W		VALIDATOR BOX WELDMENT		1	
								33				VALIDATOR FACEPLATE WELDMENT		1	
								34				WELDMENT		1	
								35				VALIDATOR FACEPLATE HANDLE		1	
								36				DECAL, 12000, BLUE		1	
								37				NUT, 1/4-20 UNC KEPS		8	
								38				A		A	
								TITLE							
								UNSPECIFIED TOLERANCES							
								1 PL ± .030							
								2 PL ± .010							
								3 PL ± .003							
								ANGLE ±1.0°							
								MATERIAL							
								CEDAR RAPIDS, IOWA							
								DRAWN BY JOHN F.							
								DATE 6/16/2009							
								PART NO. 12000V							
								REV. A							

ADD 4 NUTS FOR VALIDATOR BRACKET				090109				JF			
A		5269		NO.		DATE		BY			
REV		DESCRIPTION		DATE		BY					
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											

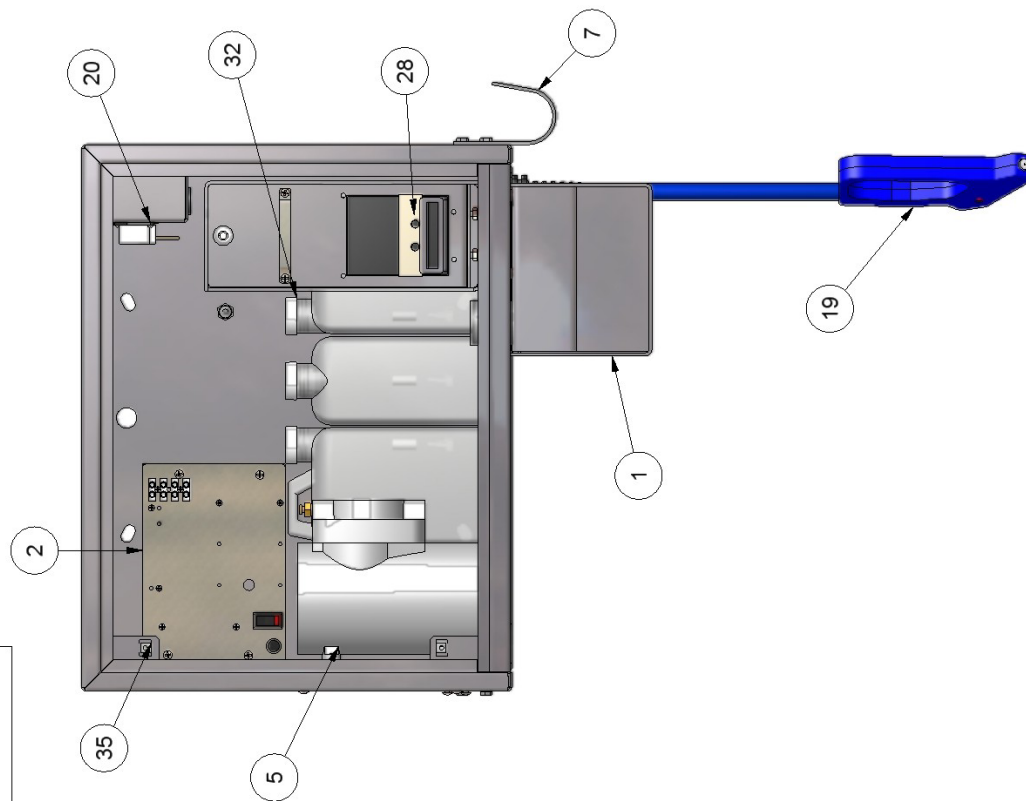





PART NO		13000V							
BILL OF MATERIALS				BILL OF MATERIALS					
ITEM	PART NUMBER	DESCRIPTION	QTY	ITEM	PART NUMBER	DESCRIPTION	QTY		
38	29000-44W	VALIDATOR BOX WELDMENT	1	1	11000-1W	CABINET WELDMENT	1		
39	5644D1	CAGE NUT	1	2	13000-5A-1	CONTROL PLATE ASSEMBLY	1		
40	8958-1	MEDECO SCREW LOCK	1	3	5604D1	#10-24 x 1/2 CARR BOLT	6		
41	8130-6	MARS 110V BILL VALIDATOR	1	4	5611D2	NUT, 10-24 UNC KEPP, ZINC	16		
42	5603D9	10 Std NF Nylock Nut	2	5	11000-4A	COMPRESSOR ASSEMBLY	1		
43	8157	NUT, #6-32 KEPP NUT STAINLESS	4	7	8678	HOSE HANGER	1		
45	29000-42W	MOUNTING BRKT. WELDMENT	1	8	5601D8	1/4-20 x 3/8 HHCS-ZINC PLATED	4		
47	8036	NUT, 1/4-20 UNC KEPS	8	9	13000-11A-1	DOOR ASSY. FRAGRANCE w/VAL	1		
48	5721D2	HEAT SHRINK TUBING	20"	12	8204RW	WELDMENT, COIN BOX	1		
				13	8638	PIN LOCK	1		
				16	11000-6W	BRACKET WELDMENT	2		
				17	5636D1	#10-24 PHIL. PAN HEAD SCREW	6		
				19	8898-1	FRAGRANCE GUN ASSY. .750 OD HOSE	1		
				20	13000-53A	PUMP BRACKET ASSEMBLY	1		
				21	13000DBLUE	DECAL, 13000, BLUE	1		
				28	28000-40	PLASTIC CONTAINER	3		
				32	8802-1	BOTTLE CAP, DRILLED	3		
				33	9500-47	STAINLESS TUBE WEIGHT	3		
				34	8843	DEBRIS FILTER	3		
				35	5644D2	CAGE NUT	2		
				36	3100	1/4" RUBBER TUBING	90"		
				49	3105	3/16" TUBING	12"		
				37	5901D5	ORANGE WIRE CONNECTOR	2		
				38	8000-23	FEMALE 5 POLE CONN	1		
				39	1079-3	GASKET	74"		
				40	8859	SCENT, NEW CAR	1		
				41	8865	SCENT, VANILLA	1		
				42	8857	SCENT, WILD CHERRY	1		
				43	9500-56	WIRING HARNESS, VALIDATOR	1		
				36	29000-59	VALIDATOR FACEPLATE HANDLE	1		
				37	29000-45W	VALIDATOR FACEPLATE WELDMENT	1		
TITLE				FRAGRANCE MACHINE					
UNSPECIFIED TOLERANCES		MATERIAL		SCALE		DRAWN BY JOHN F.			
1 PL	±.030					DATE 5/1/2009			
2 PL	±.010					PART NO 13000V			
3 PL	±.003					REV A			
ANGLE ±1.0°									
<div>  </div>				<div>  </div>					
A	5271	ADD 4 NUTS FOR VALIDATOR BRACKET	090109 JF						
REV	NO.	DESCRIPTION	DATE BY						
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									

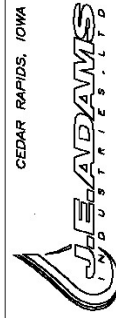
PART  
NO.

13000V



			TITLE		FRAGRANCE MACHINE	
			UNSPECIFIED TOLERANCES		MATERIAL	
			1 PL ±.030		SCALE	
			2 PL ±.010		DRAWN BY	
			3 PL ±.003		JOHN F.	
			ANGLE ±1.0°		DATE	
			5/1/2009		PART NO.	
			13000V		REV.	
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					CEDAR RAPIDS, IOWA	
						

CEDAR RAPIDS, IOWA



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