Models -	8670 & 8651 series No/Bill Acceptor	
WOUEIS -	8671 & 8652 Series with Bill Acceptors	
Page 2	Product Information	
Page 3	Specifications	
Page 4	Important Safety Instructions	
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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 <u>www.jeadams.com</u>

Specifications

<u>Unit specifications:</u> Voltage: Amperage:	8670, 8671, 8651 & 8652 Series 120vac, 60hz (1) 10 amp service is required (twin cylinder compressors or compressor les	c)*
		3)
Compressors:	³ ⁄ ₄ HP, twin cylinder models	
Water Solenoid:	120vac, 60hz	Twin cylinder
Timer:	SSAC (standard – other available on request)	
Weight:	77 lbs. twin cylinder models, no packaging	
	DUTY CYCLE: 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:

- 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 dirt and anything that may reduce flow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not use near flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not use near anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Products such as "Fix-A-Flat" are highly combustible and cannot be used in conjunction with air machine!

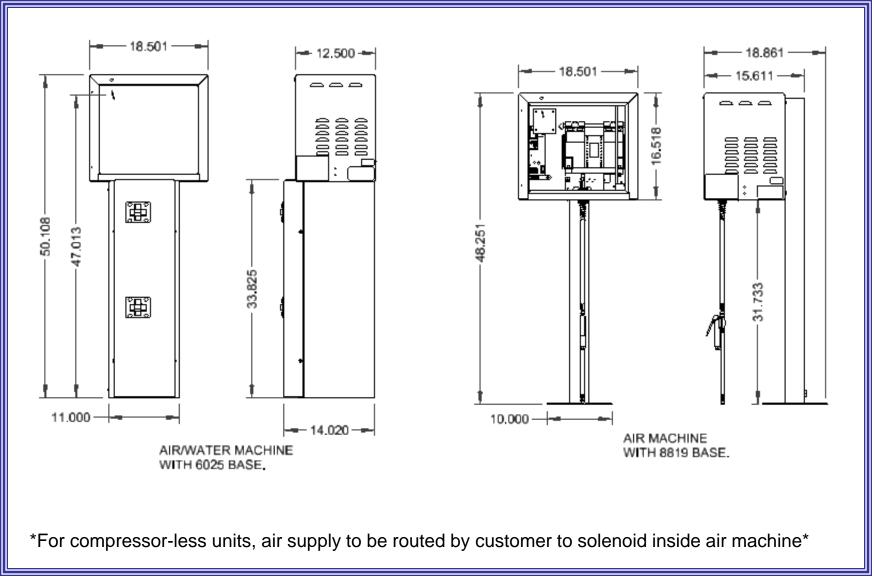


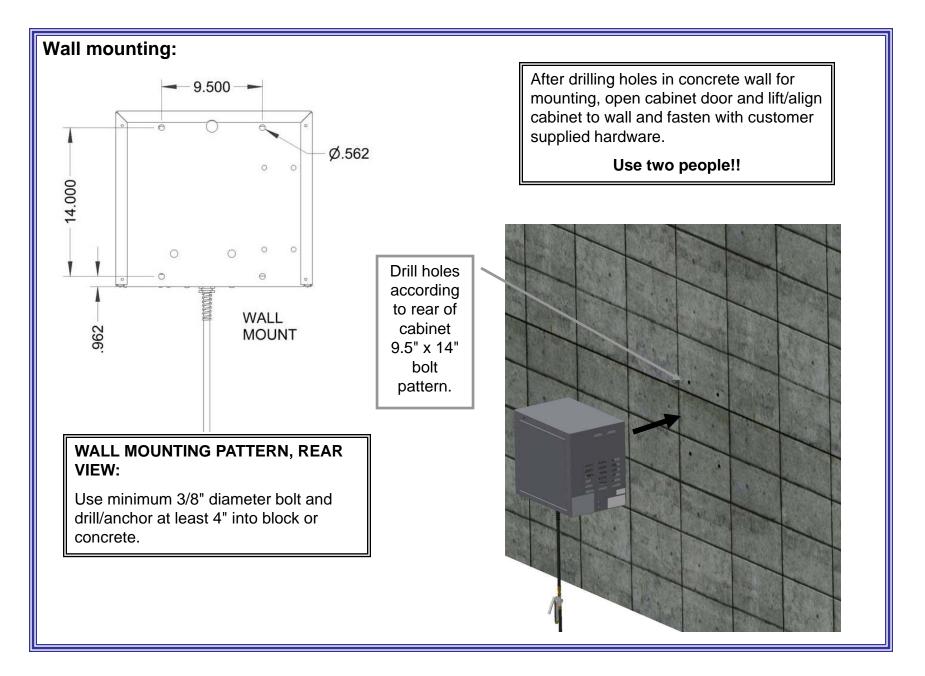
SAVE THESE INSTRUCTIONS

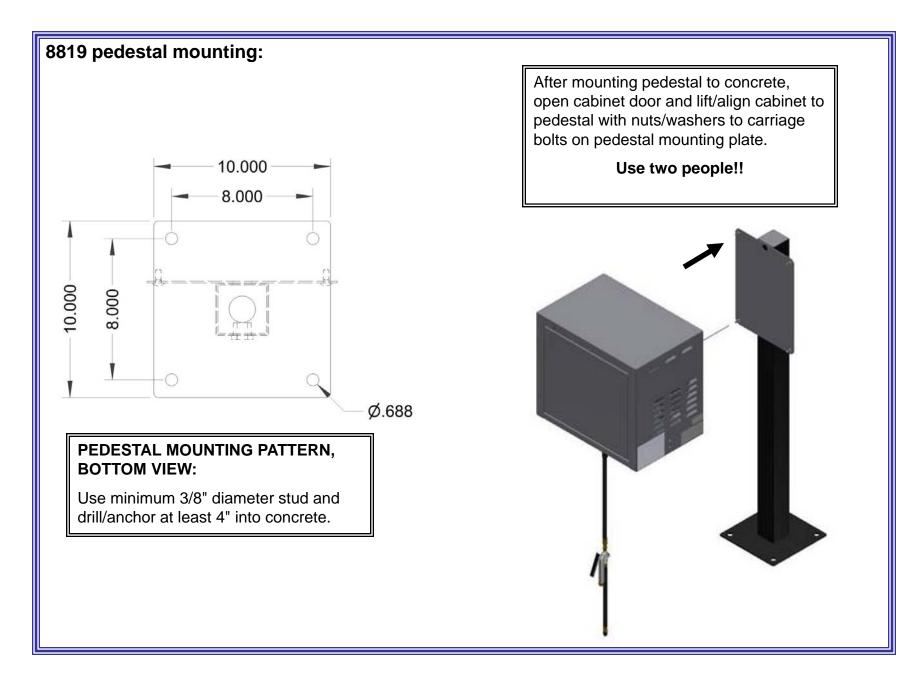


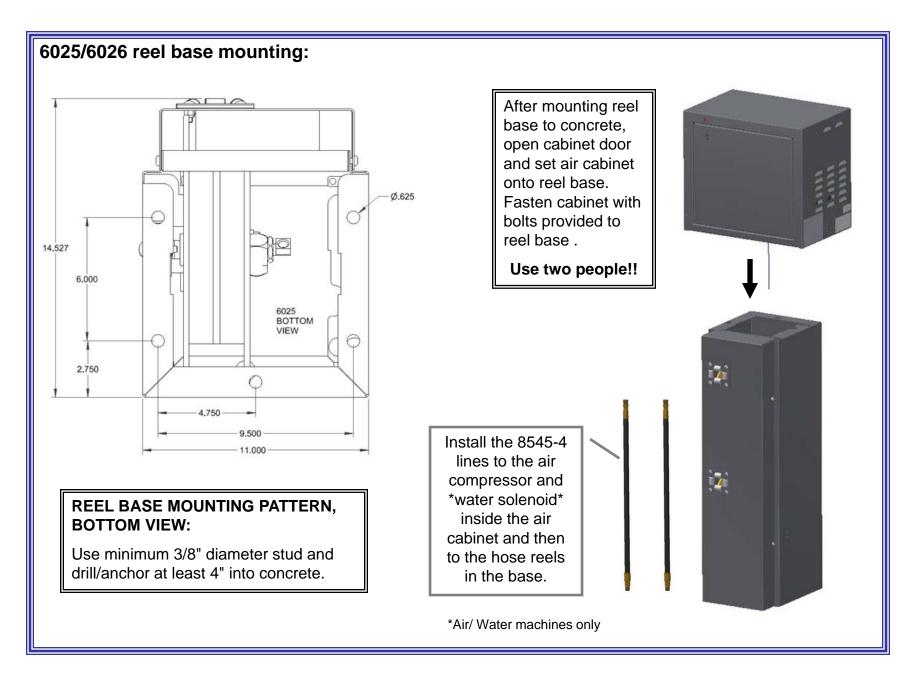
- Installation Instructions:
- Determine location to mount unit ("DANGER" "THIS EQUIPMENT INCORPORATES PARTS SUCH AS SWITCHES, MOTORS, OR THE LIKE THAT TEND TO PRODUCE ARCS OR SPARKS THAT CAN CAUSE AN EXPLOSION. WHEN LOCATED IN GASOLINE-DISPENSING AND SERVICE STATIONS INSTALL AND USE AT LEAST 20 FEET (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.
- **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.

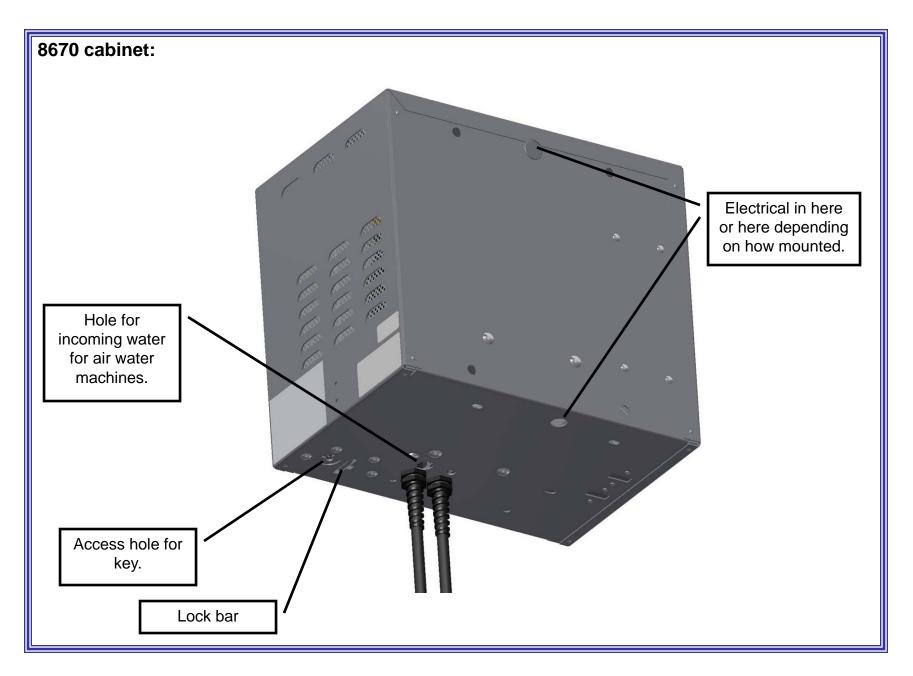
PRODUCT DIMENSIONS

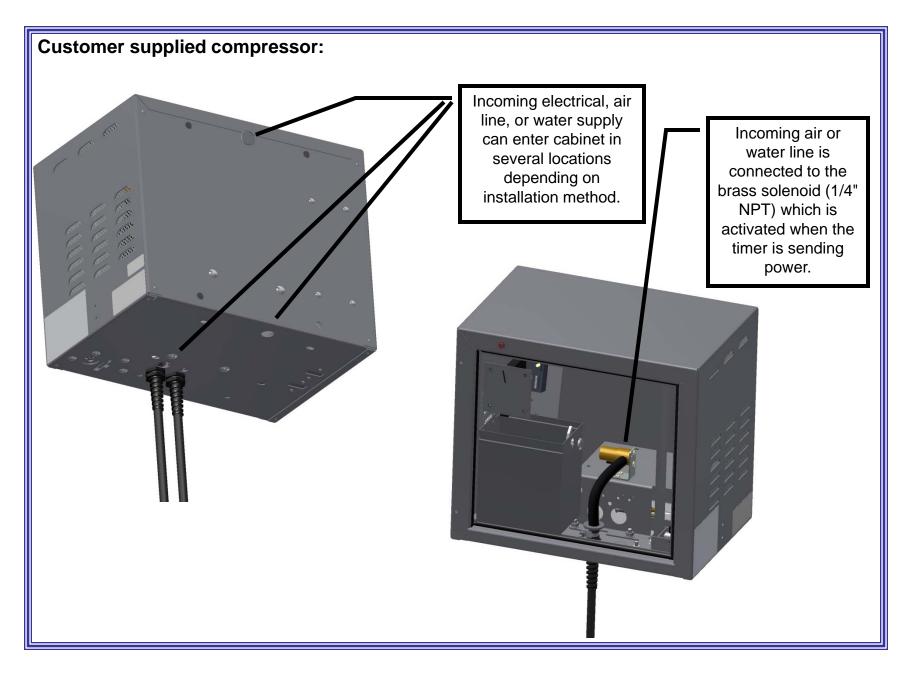


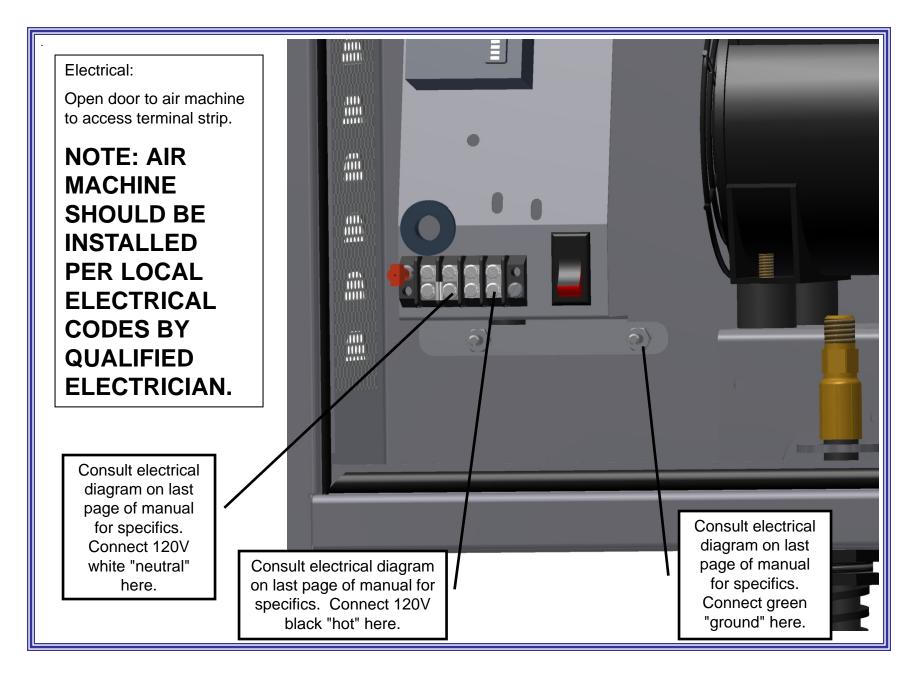






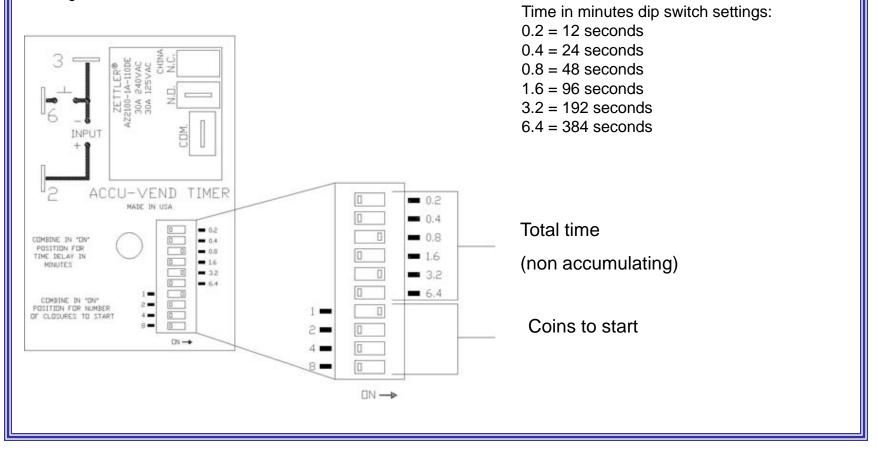






Programming:

The below timer pictured is the standard SSAC model that allows the end user to select the "coins to start" and the "total time" 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 "total time" 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 total time can always be changed by 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 still be 3.2 and .8 dips selected for 4 minutes. Timer is non accumulating so "coins to start" setting is just to make the machine come on time and "time" is total time regardless of coins to start.



Machine Operating Instructions:

- 1) Read safety instructions on previous pages.
- 2) Insert coins (or bills) to start.
- 3) Compressor will start.
- 4) Apply chuck to tire valve stem and fill to desired pressure. NOTE: For best results, remove valve stem covers on all tires before depositing money.

5) Hang hose up when finished.

Maintenance:

- All servicing of machine should be conducted by an authorized service representative!
- Periodically inspect hose, chuck, and chuck washer for wear or fatigue.
- Every month remove filter from compressor and clean.
- Periodically inspect electrical wires and connections for wear or fatigue.
- Clean canister with a stainless steel cleaner as needed.
- Decals can be cleaned with mild soap and water.
- Replacement parts can be ordered through JE Adams or your nearest dealer.

WHEN PERFORMING MAINTENANCE OR TROUBLE-SHOOTING, TURN POWER OFF! QUALIFIED



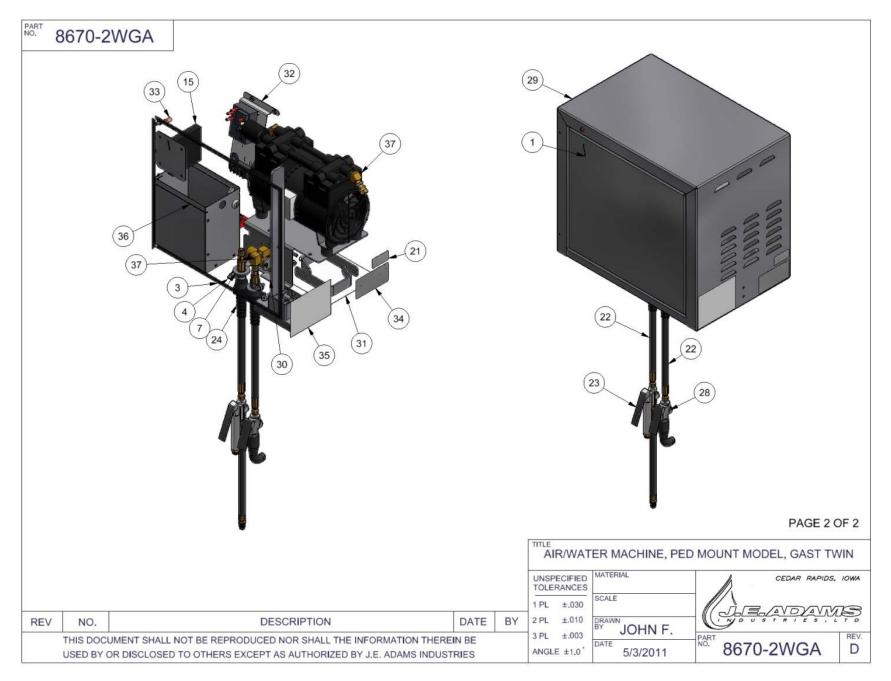


TROUBLESHOOTING:

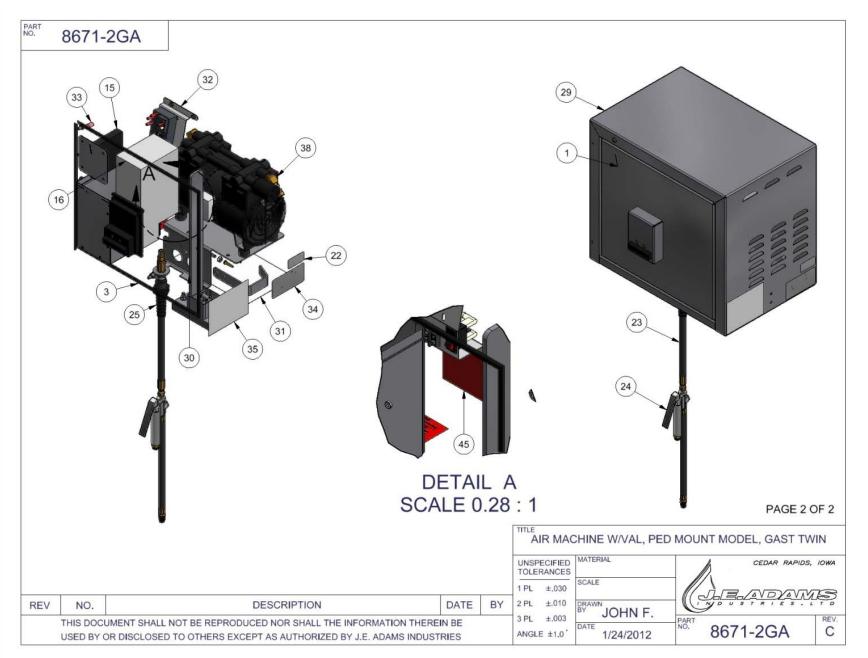
ALWAYS DISCONNECT POWER BEFORE TROUBLESHOOTING!!							
Possible cause Solution							
Breaker inside fuse panel is not in the on position.	Turn breaker on.						
No power to machine.	Check incoming power line voltage.						
Machine power switch is not on.	Remove dome and flip switch.						
Loose connection.	Check incoming power connection.						
	Possible cause Breaker inside fuse panel is not in the on position. No power to machine. Machine power switch is not on.						

		Air is leaking from unit somewhere.	Turn power off to unit, apply chuck to air source with at least 30lbs of pressure and listen carefully for leaks inside cabinet or air hose. Replace faulty component if leaking.
		If no system leaks, is compressor putting out enough pressure?	If compressor cannot force air into tire, the compressor may have exceeded its life span and need rebuilt (about 1000 hours).
	inflate tire.	Chuck washer is worn out?	Replace rubber washer inside chuck with JE Adams PN 8533-3CW.
		Temperature is below freezing and condensation off compressor has froze in air hose.	Remove air hose and chuck and bring into warm area to thaw. Optional air dry systems are available through JE Adams if frequent problem- please call.
	Unit keeps tripping breaker from	Wrong size breaker or other components running on same circuit.	Install correct breaker for compressor and make sure line is a dedicated power source.
	incoming power source	Compressor or timer might be shorted out?	Isolate problem component and replace if necessary.
			Check key components to isolate failure:
			Timer: Verify proper input voltage. Activate timer. If no output voltage is present when timer should be active, replace timer.
	Unit will not start	Possible component failure	Coin mech: If using a mechanical coin mech, remove the wires leading to the timer from the coin mech and tap the together one time for each coin necessary to start the timer. If machine starts, replace the coin mech.
	Unit will not dispense water (water	Is source water turned on and not frozen?	Turn on water to system and make sure temperature is above 32 deg.
	machines only).	Is water solenoid getting power from timer?	If getting power from timer, replace solenoid.

ART C	CTO DIALOA			BILL OF MATERIALS					BILL OF MATERIALS	
. 6	670-2WGA	ITEM	PART NUMBER	DESCRIPTION		QTY	ITEM	PART NUMBER	DESCRIPTION	QT
		35	8754	DECAL, DANGER, TRI-LING		1	1	10011-3W	DOOR WELDMENT, AIR MACHINE	1
		36	8773-3	AIR MACHINE COIN BOX		1	2	1079-3	GASKET, RUBBER SEAL (DOOR)	60
		37	9862-2A	ASSEMBLY, GAST COMPRESSO	R	1	3	5600D2	5/16-18 x .75 CARR BOLT	2
				WITH WATER SOLENOID			4	5601D4	1/4-20 x 3/4 HHCS-SS	2
		38	S8670 SERIES	WIRING DIAGRAM		Х	5	5601D8	1/4-20 x 3/8 HHCS-ZINC PLATED	5
			SSAC				6	5603D2	1/4 Std NC Nylock Nut	2
		40	8180/D	WARNING, WIRE TEMP RATING		1	7	5606D21	WASHER, FLAT, 3/4 SAE, ID 13/16	2
							8	5611D2	NUT, 10-24 UNC KEPP- ZINC	4
		~					9	5684D2	1/2" DIA. HOSE CLAMP	2
							10	5900D1	CONN, FEMALE, BLUE INSL .250"	2
							11	6408	CARDBOARD INSERT	2
							12	6409	CARDBOARD BOX	1
	The						13	8081	CABLE TIE MOUNTS	3
							14	8084	CABLE TIE, NYLON 5-3/4	5
			10					8124B001	COIN ACCEPTOR, IMONEX	1
			10					8155A	LOCK ASSY-W/MEDECO CAM LOCK	1
			YI				17	8157	NUT, #6-32 KEPP NUT STAINLESS	4
			6					8176	DECAL, LINE-NEUTRAL-GROUND	1
			62					8183	DECAL, "DISCONNECT POWER"	1
			626					8431-1AKIT	DECAL KIT, AIR MACHINE	1
			3200				21	8437D002	ETL DECAL, AIR MACHINES	1
			24				22	8532-25	AIR HOSE ASSY, 1/4" X 25'	2
							23	8533-8	TIRE INFLATOR W/ GAUGE	1
							24	8549	FLEX STRAIN RELIEF	2
							25	8596	NUT, 5/16-18 HEX	4
							26	8597	5/16 WASHER	4
							27	8598	5/16 LOCK WASHER	4
							28	8647	WATER SPOUT, 1/4" NPT	1
							29	8659-3W	WELDMENT, AIR MACHINE, JEA	1
		AR.					30	8659-75-W-PLT	LOCK BAR PLATED	1
		1122					31	8670KIT-2W	HARDWARE PACK, PED AIR/WATER	1
	1							0.070	MACHINE	
							32	8673	TIMER ASSEMBLY-SSAC	-
								8673-9	NEON LIGHT, RED, 18IN. BLK	-
							34	8732	NAMEPLATE SERIAL TAG, UL	1
									PAGE 1	OF
D	7596	ADD 818	30 DECAL BELOW	TERMINAL STRIP	102315	JF	TITLE			
С	7215 R	EMOVED	0 (2) 8659-13, (4) 5	627D2 AND (4) 8157	10-29-13	СК	AIF	VALUE OF DELLE	INE, PED MOUNT MODEL, GAST T	WIN
В	6947 R	EMOVED	8659-75 AND AD	DED 8659-75-W-PLT	5-10-12	СК		ANCES	CEDAR RAPID	5, 10
А	6792	RE	MOVED ALL 8687	AND 8687-1	2-6-12	СК	1 PL	±.030 SCALE		Vic
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	8671-2GA	ITEM	and the second state of th	DESCRIPTION		YTC	ITEM	PART NUMBER	DESCRIPTION	QT
		35	8754	DECAL, DANGER, TRI-LING		1	1	10011V-3W	VALIDATOR DOOR WELDMENT, AIR	1
		36	8773-3	AIR MACHINE COIN BOX		1			MACHINE	
		37	9500-56	WIRING HARNESS, BILL VAL	-	1	2	1079-3	GASKET, RUBBER SEAL (DOOR)	60
		38	9862-1A	ASSEMBLY, GAST COMPRESSO	R	1	3	5600D2	5/16-18 x .75 CARR BOLT	2
		39	S8671 SERIES	WIRING DIAGRAM		х	4	5601D4	1/4-20 x 3/4 HHCS-SS	1
			SSAC				5	5601D8	1/4-20 x 3/8 HHCS-ZINC PLATED	5
		45	8180 <u>C</u>	WARNING, WIRE TEMP RATING		1	6	5603D2	1/4 Std NC Nylock Nut	1
							7	5606D21	WASHER, FLAT, 3/4 SAE, ID 13/16	1
							8	5611D2	NUT, 10-24 UNC KEPP- ZINC	4
		/					9	5684D2	1/2" DIA. HOSE CLAMP	1
							10	5900D4	CONNECTOR, FEMALE, RED INSL .250"	1
							11	6408	CARDBOARD INSERT	2
							12	6409	CARDBOARD BOX	1
							13	8081	CABLE TIE MOUNTS	3
							14	8084	CABLE TIE, NYLON 5-3/4	5
				0			15	8124B001	COIN ACCEPTOR, IMONEX	1
			1/1				16	8130-6	MEI MARS, 110V BILL VALIDATOR	1
							17	8155A	LOCK ASSY-W/MEDECO CAM LOCK	1
				C			18	8157	NUT, #6-32 KEPP NUT STAINLESS	8
							19	8176	DECAL, LINE-NEUTRAL-GROUND	1
		aller -	68				20	8183	DECAL, "DISCONNECT POWER"	1
							21	8430V-1AKIT	DECAL KIT, AIR MACHINE	1
			29				22	8437D002	ETL DECAL, AIR MACHINES	1
			· / ·				23	8532-25	AIR HOSE ASSY, 1/4" X 25'	1
							24	8533-8	TIRE INFLATOR W/ GAUGE	1
							25	8549	FLEX STRAIN RELIEF	1
							26	8596	NUT, 5/16-18 HEX	4
							27	8597	5/16 WASHER	4
			1				28	8598	5/16 LOCK WASHER	4
							29	8659-3W	WELDMENT, AIR MACHINE, JEA	1
							30	8659-75-W-PLT	LOCK BAR PLATED	1
							31	8670KIT-2	HARDWARE PACK, PED AIR MACHINE	1
							32	8673	TIMER ASSEMBLY-SSAC	
			۲				33	8673-9	NEON LIGHT, RED, 18IN. BLK	1
							34	8732	NAMEPLATE SERIAL TAG, UL	1
			ļ						PAGE 1	OF
С	7597 ADD	8180 DE	CAL BELOW OR N	NEAR TERMINAL STRIP	102615	JF	AI	R MACHINE W/	AL, PED MOUNT MODEL, GAST TV	WIN
в	7215 F	REMOVED	D (2) 8659-13, (4) 5	627D2 AND (4) 8157	10-31-13	СК		CIFIED MATERIAL	CEDAR RAPIDS	5, 104
А	6947 F	REMOVED	D 8659-75 AND AD	DED 8659-75-W-PLT	5-10-12	СК		±.030 SCALE		TC-
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ART O.				BILL OF MATERIALS					BILL OF MATERIALS	
··· 8	3670-2VGA	ITEM	PART NUMBER	DESCRIPTION		QTY	ITEM	PART NUMBER	DESCRIPTION	QTY
		35	8754	DECAL, DANGER, TRI-LING		1	1	10011-3WV	DOOR WELDMENT, VR, AIR MACHINE	1
		36	9862-1A	ASSEMBLY, GAST COMPRESSO	R	1	2	1009	COIN FUNNEL, VR VENDOR	1
		37	S8670 SERIES	WIRING DIAGRAM		Х	3	1079-3	GASKET, RUBBER SEAL (DOOR)	60'
			SSAC				4	5600D2	5/16-18 x .75 CARR BOLT	2
		46	8180 E	WARNING, WIRE TEMP RATING		1	5	5601D4	1/4-20 x 3/4 HHCS-SS	1
							6	5601D8	1/4-20 x 3/8 HHCS-ZINC PLATED	5
							7	5603D2	1/4 Std NC Nylock Nut	1
							8	5606D21	WASHER, FLAT, 3/4 SAE, ID 13/16	1
							9	5611D2	NUT, 10-24 UNC KEPP- ZINC	4
		/					10	5684D2	1/2" DIA. HOSE CLAMP	1
							11	5900D4	CONNECTOR, FEMALE, RED INSL .250"	1
							12	6408	CARDBOARD INSERT	2
							13	6409	CARDBOARD BOX	1
		2					14	8081	CABLE TIE MOUNTS	3
							15	8084	CABLE TIE, NYLON 5-3/4	5
							16	8124B001	COIN ACCEPTOR, IMONEX	1
							17	8155A	LOCK ASSY-W/MEDECO CAM LOCK	1
			Y T	0			18	8157	NUT, #6-32 KEPP NUT STAINLESS	4
		1		06			19	8176	DECAL, LINE-NEUTRAL-GROUND	1
	*		6					8183	DECAL, "DISCONNECT POWER"	1
							21	8437D002	ETL DECAL, AIR MACHINES	1
							22	8532-25	AIR HOSE ASSY, 1/4" X 25'	1
							23	8533-8	TIRE INFLATOR W/ GAUGE	1
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							25	8596	NUT, 5/16-18 HEX	4
							26	8597	5/16 WASHER	4
							27	8598	5/16 LOCK WASHER	4
							28	8659-3WV	WELDMENT, VR AIR MACHINE, JEA	1
		7 11					29	8659-75-W-PLT		1
	•						30	8670KIT	HARDWARE PACK, COIN MACH AIR	1
		1					31	8670V-KIT	DECAL, VAULT READY AIR MACHINE	1
							32	8673	TIMER ASSEMBLY-SSAC	1
							33	8673-9	NEON LIGHT, RED, 18IN. BLK	1
							34	8732	NAMEPLATE SERIAL TAG, UL	1
		•					٦			
Е	7596	ADD 818	30 DECAL BELOW	TERMINAL STRIP	102315	JF			PAGE 1	OF 2
D	7215 R	EMOVED	0 (2) 8659-13, (4) 5	627D2 AND (4) 8157	10-29-13	СК	TITLE			-
С	7041 R	EMOVE	D 8430-1AKIT AND	ADDED 8670V-KIT	11-7-12	СК			D MOUNT VR MODEL, GAST	IVV
В	6947 RI	EMOVED	8659-75 AND ADI	DED 8659-75-W-PLT	5-9-12	СК	UNSPE		CEDAR RAPIDS	5, ION
А	6798	RE	MOVED ALL 8687	AND 8687-1	2-7-12	СК	1 PL	SCALE		nc.
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