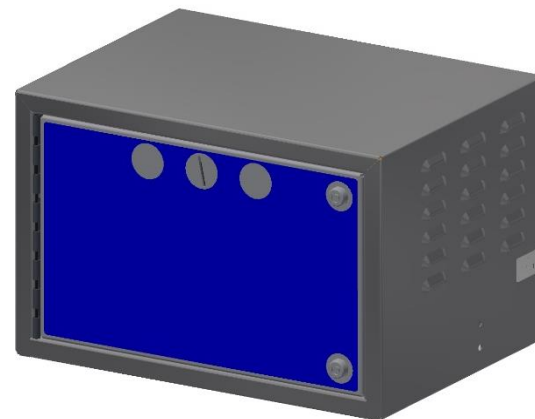




Models - **8685-2G, 8685-2GVR, 8685-2GW, 8685-2GWVR, 8685-2GVR-1,
8685-2GWVR-1, 8685-2FG, 8685-2FGW**

Page 2	Product Information
Page 3	Specifications
Page 4	Important Safety Instructions
Page 5	Product Dimensions
Page 6-10	Installation
Page 11, 12	Timer Set-Up
Page 13	Operating Instructions & Maintenance
Page 13, 14	Troubleshooting
Page 15-24	Parts List
Page 25	Wiring Diagram



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

Specifications

Unit specifications: 8685-2G, 8685-2GVR, 8685-2GW, 8685-2GWVR, 8685-2GWVR-1 & 8685-2GVR-1, 8685-2FG, 8685-2FGW

Voltage: 120vac, 60hz

Amperage:(1) 15 amp dedicated service is required

Compressor: $\frac{3}{4}$ hp, twin cylinder models

Water Solenoid: 120vac, 60hz

Weight: 57 lbs, no packaging

DUTY CYCLE: 3.2 minutes on, 3.2 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:

- 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!

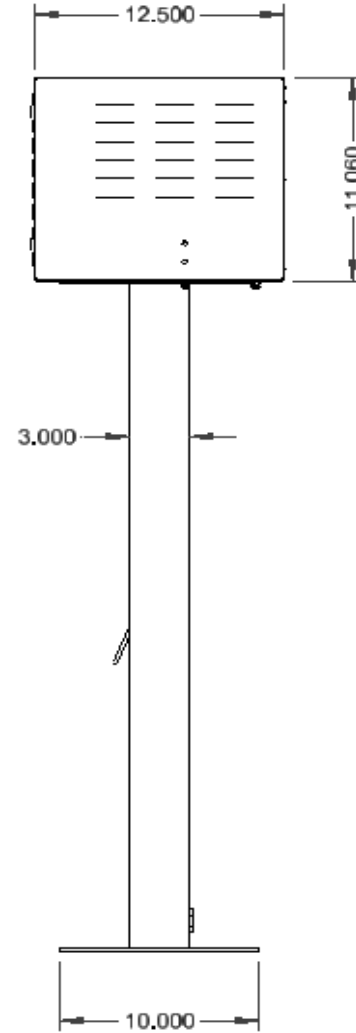
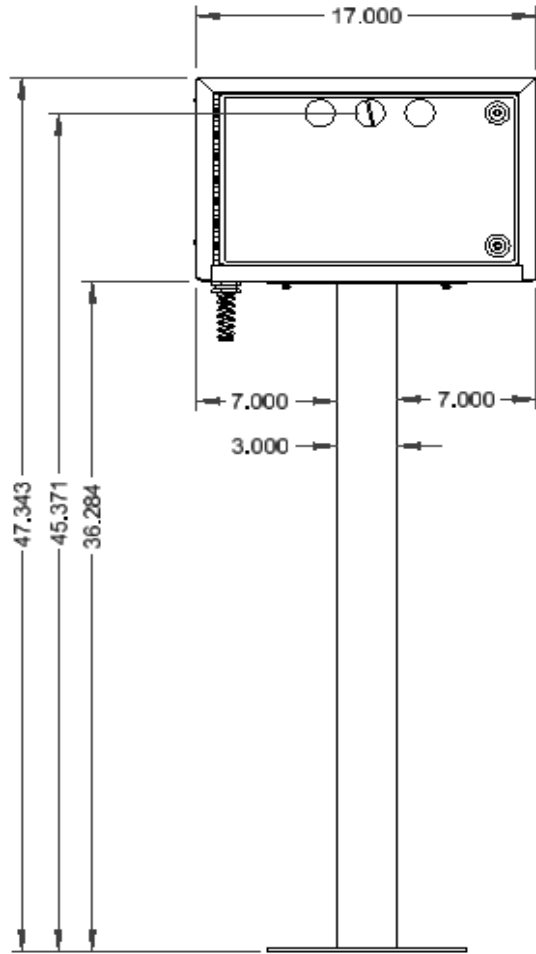


SAVE THESE INSTRUCTIONS



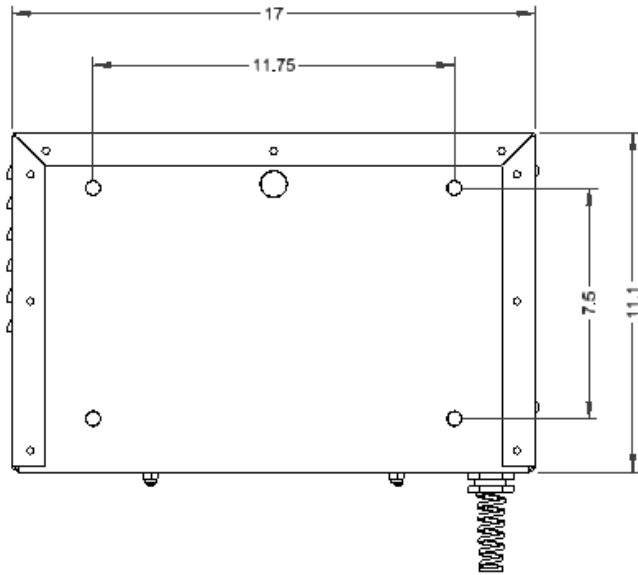
- **Installation Instructions:**
- Determine location to mount unit (**"DANGER" "THIS EQUIPMENT INCORPORATES PARTS SUCH AS SWITCHES, MOTORS, OR THE LIKE THAT TEND TO PRODUCE ARCS OR SPARKS THAT CAN CAUSE AN EXPLOSION. WHEN LOCATED IN GASOLINE-DISPENSING AND SERVICE STATIONS INSTALL AND USE AT LEAST 20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

PRODUCT DIMENSIONS



AIR MACHINE WITH 8819-50W-P

Wall mounting:



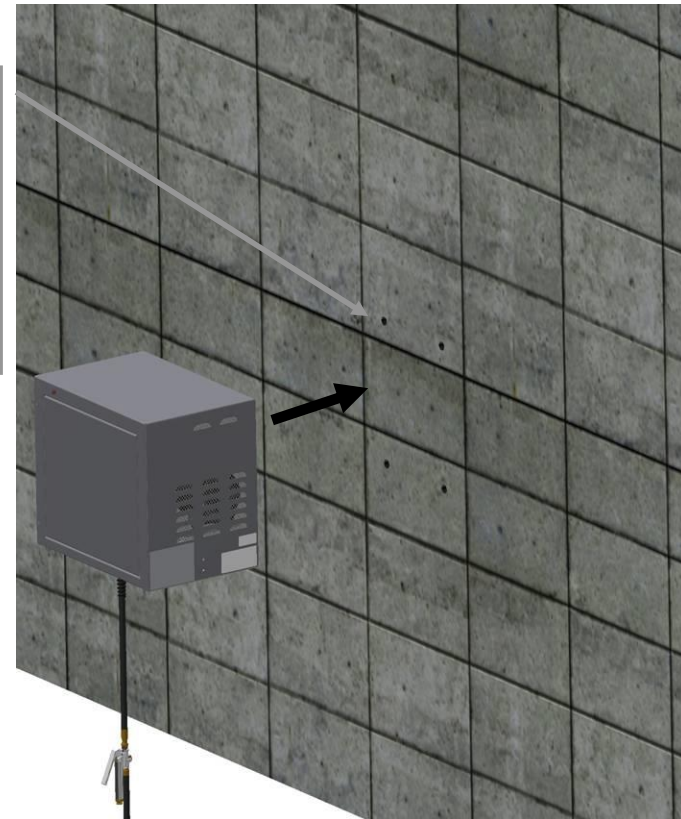
Drill holes according to rear of cabinet 7.5" x 11.75" bolt pattern.

WALL MOUNTING PATTERN, REAR VIEW:

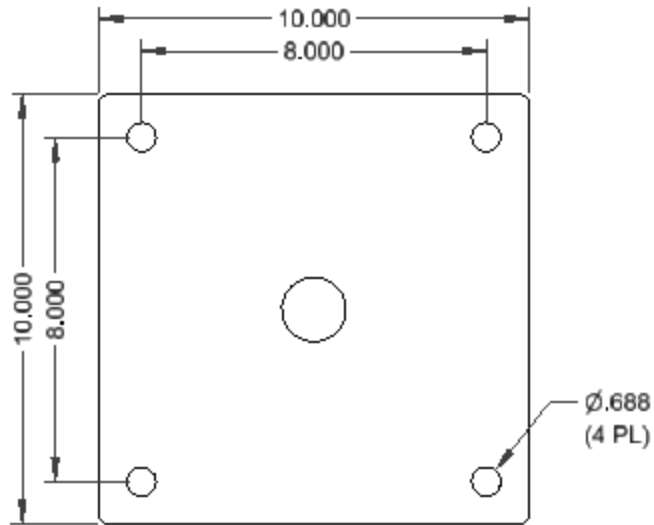
Use minimum 3/8" diameter bolt and drill/anchor at least 4" into block or concrete.

After drilling holes in concrete wall for mounting, open cabinet door and lift/align cabinet to wall and fasten with customer supplied hardware.

Use two people!!



8819-50W-P pedestal mounting:



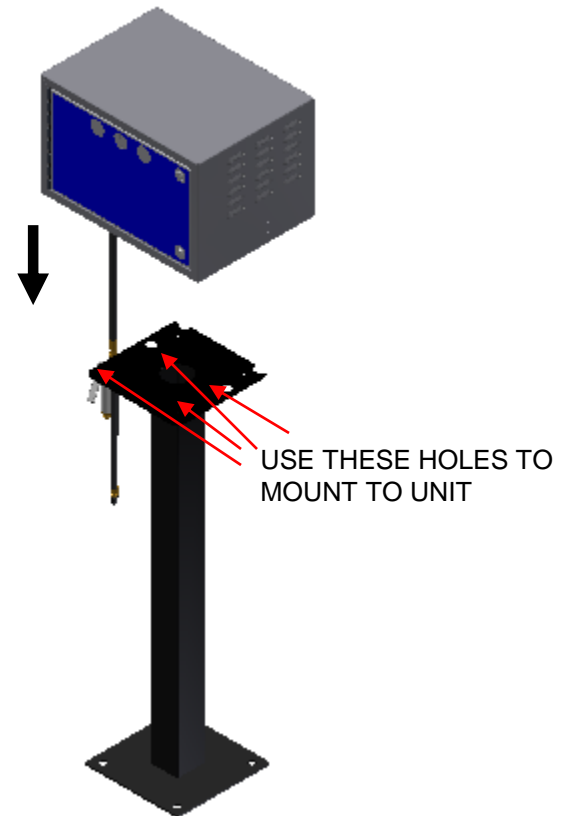
PEDESTAL MOUNT
DIMENSIONS

PEDESTAL MOUNTING PATTERN, BOTTOM VIEW:

Use minimum 3/8" diameter stud and drill/anchor at least 4" into concrete.

After mounting pedestal to concrete, open cabinet door and lift/align cabinet to pedestal with nuts/washers to carriage bolts on pedestal mounting plate.

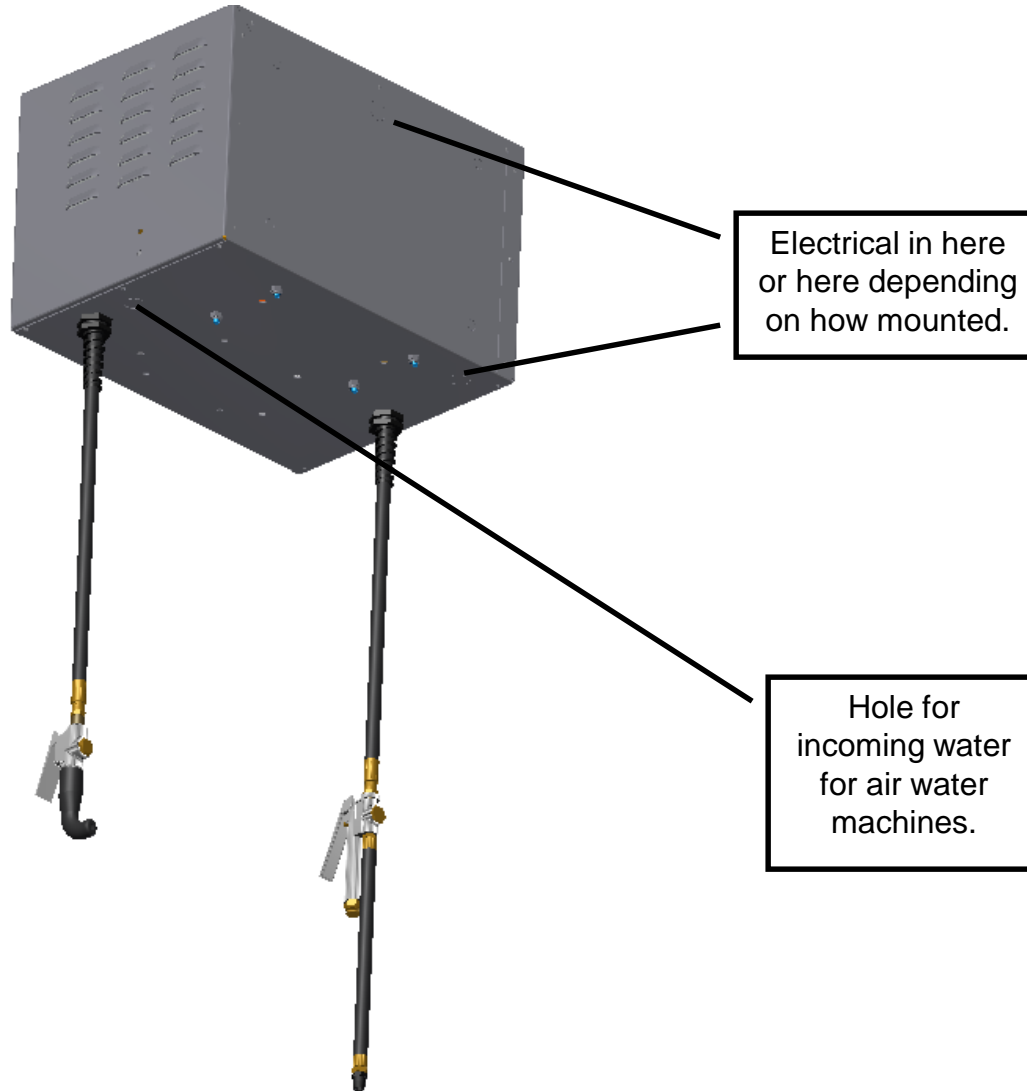
Use two people!!



Vault Mounting:

See Manual "8685 Vault Mount Instructions"

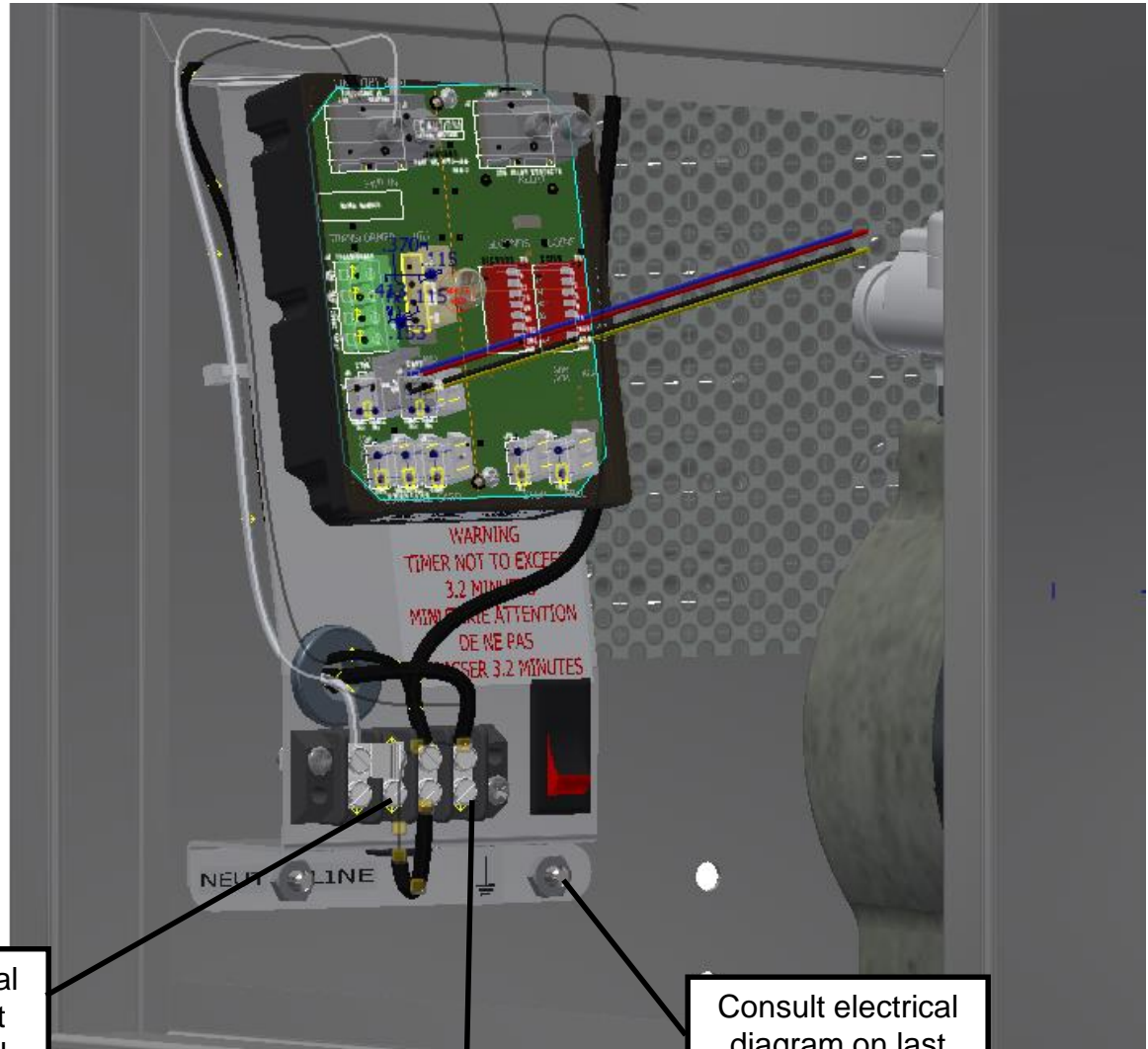
8685 Cabinet:



Electrical:

Open door to air machine
to access terminal strip.

**NOTE: AIR
MACHINE
SHOULD BE
INSTALLED
PER LOCAL
ELECTRICAL
CODES BY
QUALIFIED
ELECTRICIAN.**

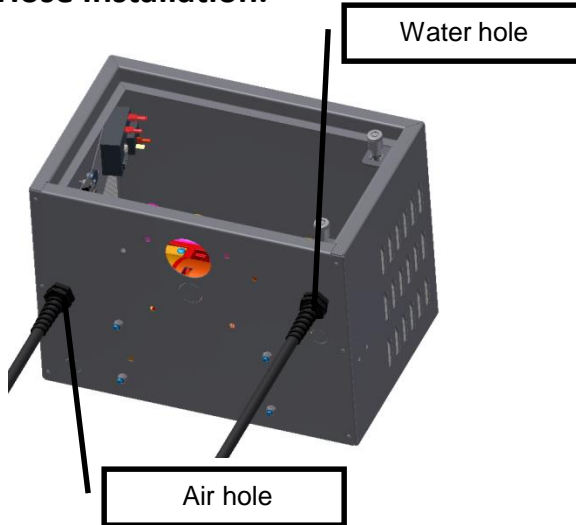


Consult electrical diagram on last page of manual for specifics. Connect 120V white "neutral" here.

Consult electrical diagram on last page of manual for specifics. Connect 120V black "hot" here.

Consult electrical diagram on last page of manual for specifics. Connect green "ground" here.

Hose Installation:



•Hoses do not come installed in unit. A hardware pack has been sent with unit for the Installation as follows.

•**IMPORTANT: BEFORE INSTALLING HOSE AND FILTER TO HEAD OF COMPRESSOR MAKE SURE ALL PLASTIC PLUGS ARE REMOVED FROM PORTS.**

•Insert black flex strain relief into bottom of hole and attach nut.

•Slide hose thru strain relief into unit.

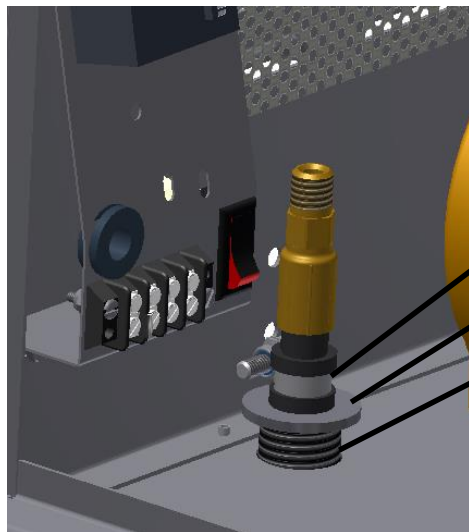
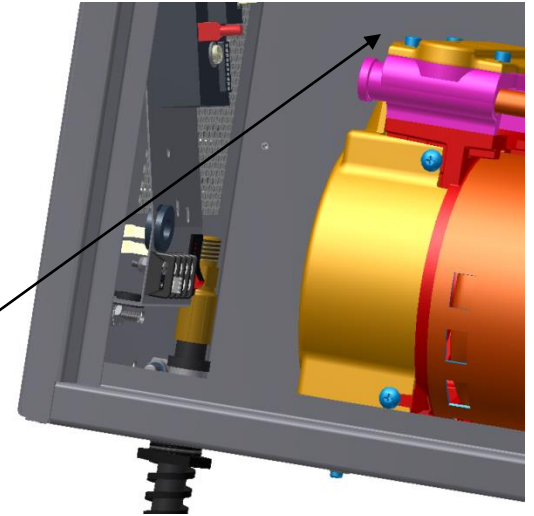
•Drop washer down the hose till it rest on flex strain inside unit.

•For air attach hose to the left back port of compressor.

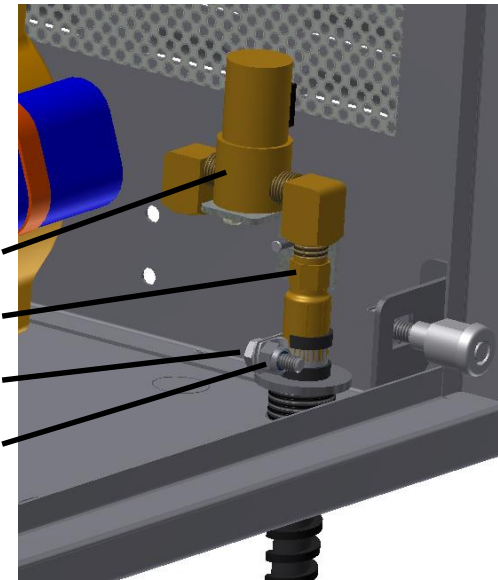
•Place clamp around hose right on top of washer sitting on flex stain relief.

•Insert bolt into hole on clamp and attach nut and tighten.

•If the machine also has water follow the steps above but instead of attaching to compressor; hose screws into elbow as shown.



Clamp	Water solenoid
Washer	Water hose
Flex Strain Relief	Bolt
	Nut



Programming (JE Adams Timer p/n 8712-JEA):

JE Adams 8712-JEA timer can be set to accumulating or non accumulating mode by setting a single dip switch on the timer. Air machines however are set for non accumulating the majority of the time.

When in **non-accumulating mode**, there is no calculation of time per coin. So whatever the time dips are set to is how long the timer will run. "Coins to start" is simply that, the total cost to activate the timer. For example if the timer is set to run for 4 minutes (192+48 dips = 240 seconds) for 2 coins to start, once 2 coins are deposited into the machine it will run for only 4 minutes. If the coins to start are increased to 6 coins to start, the machine will still only run for 4 minutes.

If the end user wants to set the timer to accumulating, for setting time in **accumulating mode**, simply multiply "total time" by the number of "coins to start" to calculate total time.

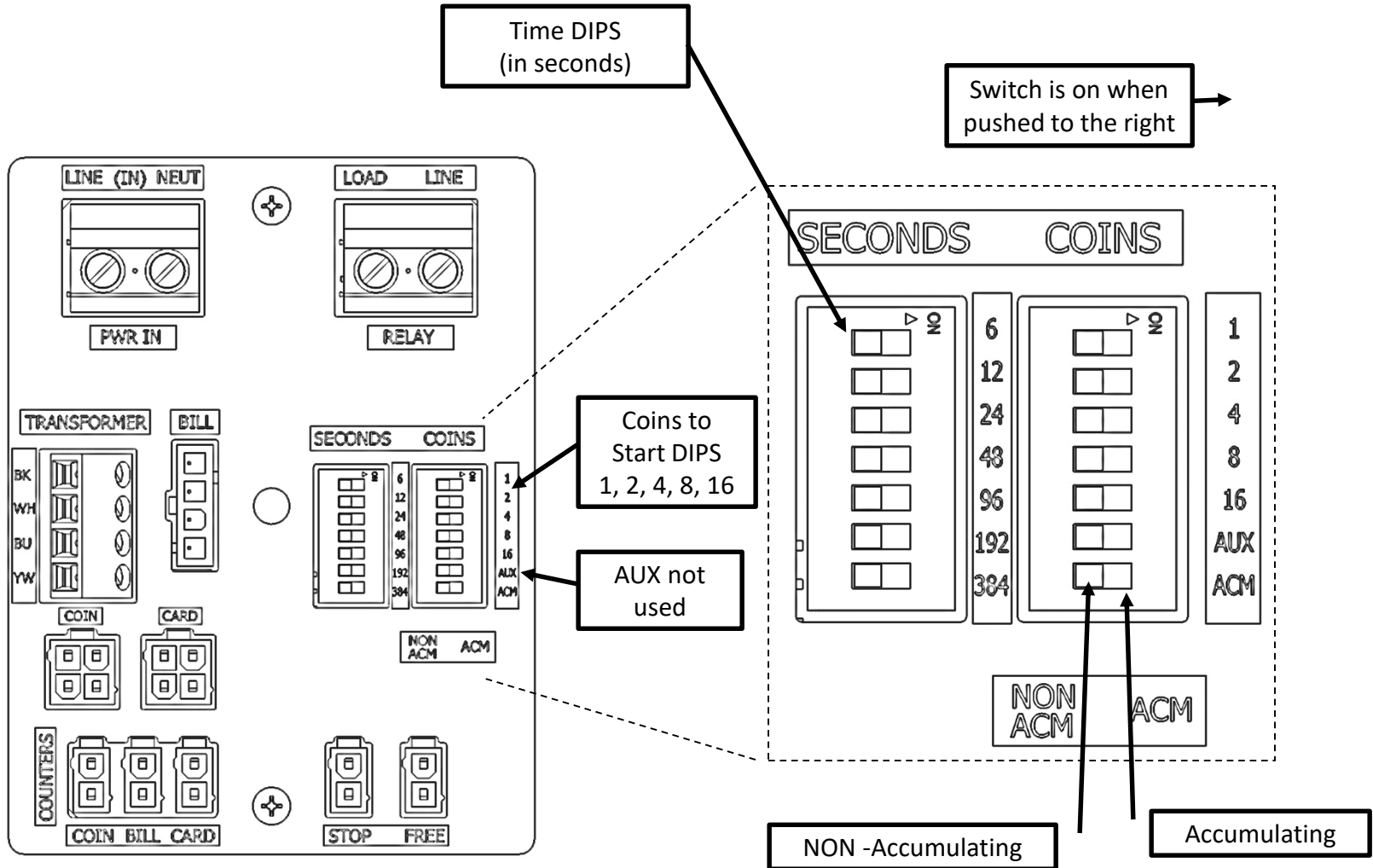
For example – 4 coins and 60 seconds of time (12+48 second dip switches active) is $4 \times 60 = 240$ seconds or 4 minutes run time. For every additional coin deposited before timer times out, an extra 60 seconds per coin will be added to total run time.

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

OPTIONAL FREE VEND: If the free vend button is installed on your timer, the timer will know to only run for total amount of time set based on whether the timer is set in accumulating mode (coins x time) or non accumulating (total time). Once the free vend button has activated the timer, the timer will ignore additional closures (pressing of button) until the timer has shut off. At that time another free vend can be activated if needed.

OPTIONAL STOP VEND: There is also a "cycle end" input if the end user should want to install a stop button.

Programming JEA-8712 timer:



Machine Operating Instructions:

- 1) Read safety instructions on previous pages.
- 2) Push start button or insert coins 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 PERSONNEL ONLY!



TROUBLESHOOTING:

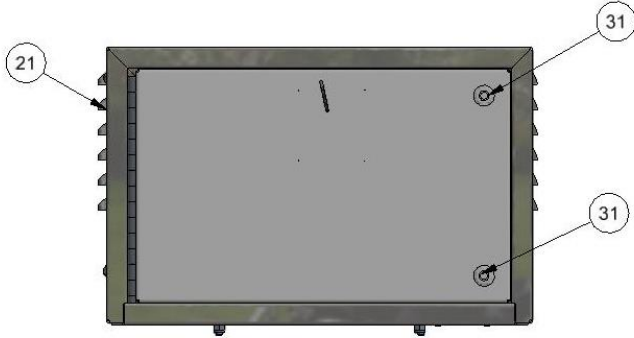
ALWAYS DISCONNECT POWER BEFORE TROUBLESHOOTING!!

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.
	Machine power switch is not on.	Remove dome and flip switch.
	Loose connection.	Check incoming power connection.

Unit runs but will not inflate tire.	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).
	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.
Unit keeps tripping breaker from incoming power source	Wrong size breaker or other components running on same circuit.	Install correct breaker for compressor and make sure line is a dedicated power source.
	Compressor or timer might be shorted out?	Isolate problem component and replace if necessary.
Unit will not start	Possible component failure	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.
		Coin mech: If using a mechanical coin mech, remove the wires leading to the timer from the coin mech and tap them together one time for each coin necessary to start the timer. If machine starts, replace the coin mech.
Unit will not dispense water (water machines only).	Is source water turned on and not frozen?	Turn on water to system and make sure temperature is above 32 deg.
	Is water solenoid getting power from timer?	If getting power from timer, replace solenoid.

PART NO
8685-2GW

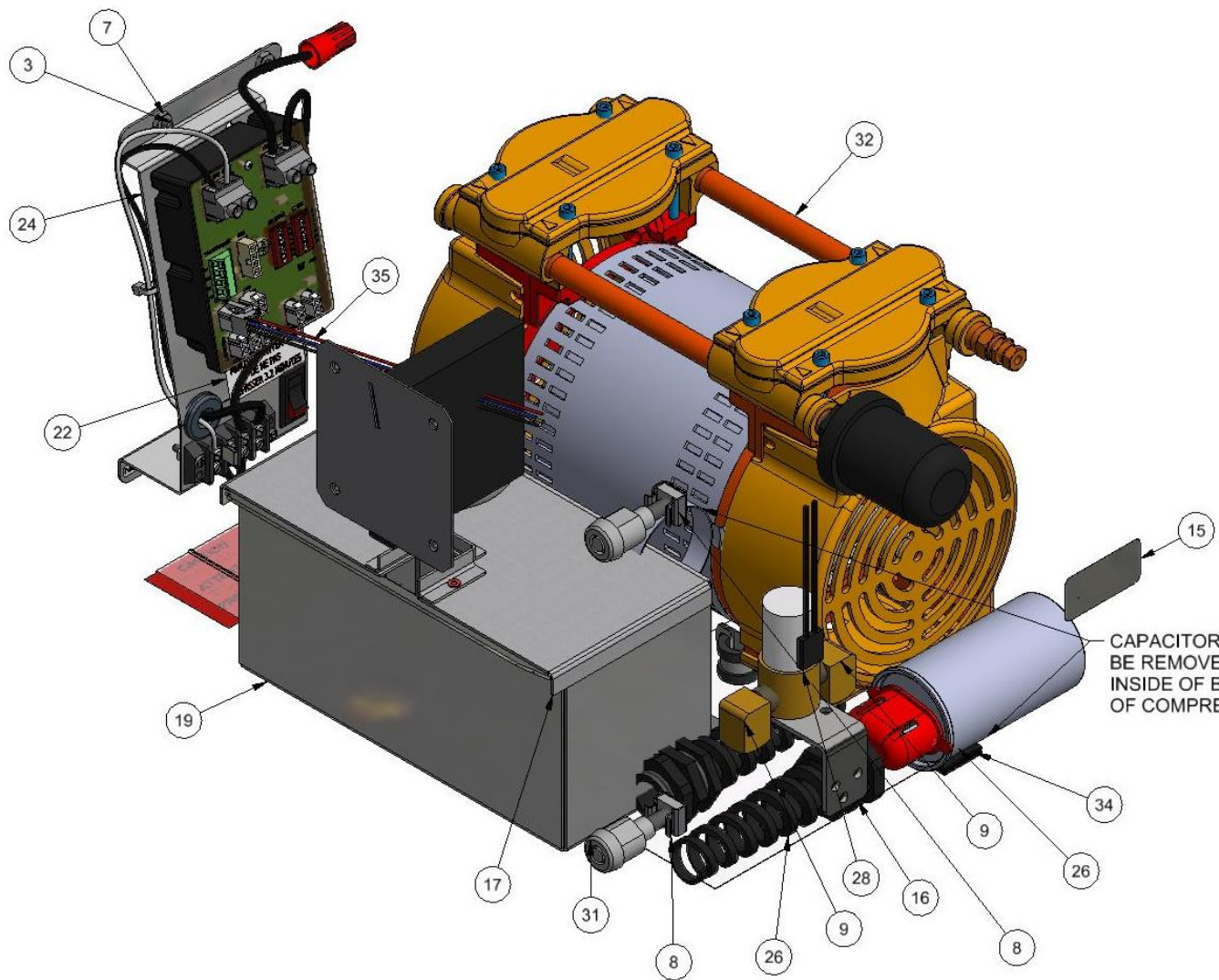
BILL OF MATERIALS				BILL OF MATERIALS			
ITEM	PART NUMBER	DESCRIPTION	QTY	ITEM	PART NUMBER	DESCRIPTION	QTY
26	8685KIT-B	KIT, AIR/WATER HOSE INSTALLATION	1	1	1079-3	GASKET, DOOR SEAL	49.36"
27	8685PAD	CARDBOARD INSERT	2	2	5603D2	NUT, NYLOCK, 1/4-20, SS	4
28	8697	SOLENOID, 120/60-KIP-NORGREN	1	3	5604D1	BOLT, #10-24 x 0.5 CH, SS	4
29	8732	PRODUCT NAMEPLATE	1	4	5609D1	LOCK WASHER, #10 INT TOOTH, ZP	2
30	8754	DECAL, DANGER	1	5	5610D1	8x32 x 1/2 SLOT SCREW	2
31	8958-2	MEDECO SCREW LOCK	2	6	5611D1	NUT, 8-32 UNC KEPP-ZINC PLATE	2
32	9862	COMPRESSOR, 3/4 HP TWIN CYL	1	7	5611D2	NUT, 10-24 UNC KEPP- ZINC	4
33	8685-FILINS	INSTRUCTION, FILTER ASSEMBLY	1	8	5644D1	CAGE NUT 5/16-18	2
34	40000-20	DUAL LOCK FASTENER PAD W ADHESIVE	2"	9	5800D6	ELBOW, STREET, 1/4NPT, 90D, BRS	2
35	8712-C1-1	CABLE ASSEMBLY, COIN/CC, 30"	1	10	6024	ABUS DISKUS 26/70 LOCK	1
				11	8124B001	COIN ACCEPTOR, IMONEX	1
				12	8157	NUT, #6-32 KEPP NUT STAINLESS	4
				13	8180	WARNING, WIRE TEMP RATING	1
				14	8183	DECAL, DISCONNECT POWER	1
				15	8437D002	ETL DECAL, AIR MACHINES	1
				16	8551	SOLENOID BRACKET	1
				17	8659-110-2A	COVER ASSEMBLY, COIN BOX	1
				18	8659-110-3	LOCK TAB	1
				19	8659-110W	COIN BOX WELDMNT	1
				20	8659-126AW-KIT	DECAL, LOW COST AIR/WATER	1
				21	8659-3W-100	CAB. WLDMNT, AIR MACH., SCREW LOCKS	1
				22	8659-999	DECAL, MAX TIME	1
				23	8670KIT-2W	HARDWARE PACK, PED AIR/WATER MACHINE	1
				24	8673-JEA	TIMER ASY, AIR, JEA TIMER	1
				25	8685BOX	CARDBOARD BOX	1



NOTE:


- 1) MACHINE BE USED WITH PEDESTAL 8819-50 TO MOUNT DIRECTLY TO A FLAT HARD SURFACE OR MACHINE CAN BE MOUNTED DIRECTLY TO A WALL.
- 2) USE WIRE DIAGRAM "S8685_8712-JEA".
- 3) PLEASE NOTE ON THE WIRE DIAGRAM THAT THE 8673-9 DOES NOT APPLY TO THIS UNIT.
- 4) AIR HOSE, WATER HOSE AND CHUCK NOT TO BE INSTALLED IN UNIT. SEND ALONG WITH UNIT AND TO BE INSTALLED BY CUSTOMER. HARWARE KIT 8685KIT-B TO BE SENT ALONG TO AID IN HOSE INSTALLATION.
- 5) PLACE COPY OF 8685-FILINS AIR FILTER INSTRUCTIONS INSIDE CABINET BUT SEPARATE FROM MANUAL.

F	8705	8673-JEA WAS 8673, ADD 40000-20 AND 8712-C1-1	3/12/21	MWS	TITLE	AIR WATER MACHINE ASSEMBLY, SCREW LOCK		
E	8053	ADDED 8685-FILINS, NOTE 5	7/26/17	MWS	UNSPECIFIED TOLERANCES	CEDAR RAPIDS, IOWA		
D	7600	ADD 8180 DECAL BELOW T-STRIP, ADD MAX TIME & ETL DECAL	102615	JF	DRAWN BY	chadk		
C	7440	REMOVED 6408 & 6049; ADDED 8685BOX & 8685BOX	3-30-15	CK	DATE	9/5/2012		
B	7153	REMOVED 5644D2 AND ADDED 5644D1	8-29-13	CK	SCALE	SHEET	PART NO	REV
REV	NO.	DESCRIPTION	DATE	BY	3 PL ±.003	1 / 2	8685-2GW	F
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					ANGLE ±1°			



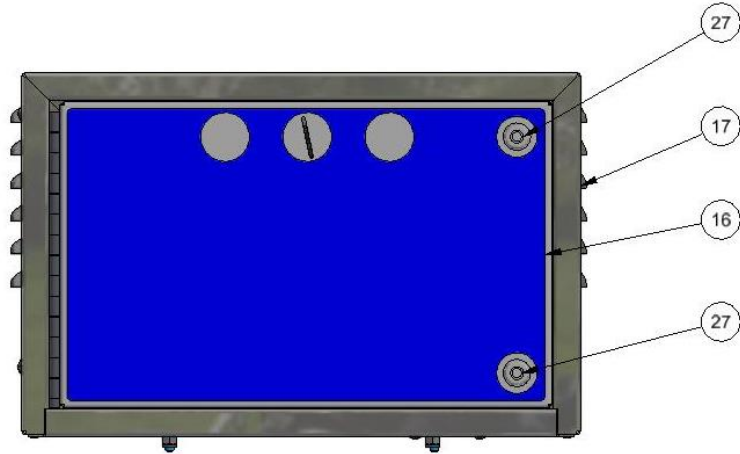
CAPACITOR AND BRACKET MUST BE REMOVED. CAPACITOR MOUNTED TO INSIDE OF BOX ON VELCRO PAD AT END OF COMPRESSOR.

REV	NO.	DESCRIPTION	DATE	BY

TITLE AIR WATER MACHINE ASSEMBLY, SCREW LOCK		DRAWN BY chadk		DATE 9/5/2012			
UNSPECIFIED TOLERANCES		SCALE	SHEET	PART NO.	REV.	CEDAR RAPIDS, IOWA	
1 PL ±.030		2 / 2	2 / 2	8685-2GW	F		
2 PL ±.020							
3 PL ±.003							
ANGLE ±1°							

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PART NO. 8685-2GWVR



BILL OF MATERIALS			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	1009	COIN FUNNEL	1
2	1079-3	GASKET, DOOR SEAL	49.36"
3	5603D2	NUT, NYLOCK, 1/4-20, SS	4
4	5604D1	BOLT, #10-24 x 0.5 CH, SS	4
5	5609D1	LOCK WASHER, #10 INT TOOTH, ZP	2
6	5610D1	8x32 x 1/2 SLOT SCREW	2
7	5611D2	NUT, 10-24 UNC KEPP- ZINC	4
8	5644D1	CAGE NUT 5/16-18	2
9	5800D6	ELBOW, STREET, 1/4NPT, 90D, BRS	2
10	8124B001	COIN ACCEPTOR, IMONEX	1
11	8157	NUT, #6-32 KEPP NUT STAINLESS	4
12	8180	WARNING, WIRE TEMP RATING	1
13	8183	DECAL, DISCONNECT POWER	1
14	8437D002	ETL DECAL, AIR MACHINES	1
15	8551	SOLENOID BRACKET	1
16	8659-126AW-KIT	DECAL, LOW COST AIR/WATER	1
17	8659-3W-100VR	CAB WLDMT, AIR MACH, SCREW LOCKS, VR	1
18	8659-999	DECAL, MAX TIME	1
19	8670KIT-2W	HARDWARE PACK, PED AIR/WATER MACHINE	1
20	8673-JEA	TIMER ASY, AIR, JEA TIMER	1
21	8685BOX	CARDBOARD BOX	1
22	8685KIT-B	KIT, AIR/WATER HOSE INSTALLATION	1
23	8685PAD	CARDBOARD INSERT	2
24	8697	SOLENOID, 120/60-KIP-NORGREN	1
25	8732	PRODUCT NAMEPLATE	1
26	8754	DECAL, DANGER	1
27	8958-2	MEDECO SCREW LOCK	2
28	9862	COMPRESSOR, 3/4 HP TWIN CYL	1
29	8685-FILINS	INSTRUCTION, AIR FILTER INSTALL	1
30	8712-C1-1	CABLE ASSEMBLY, COIN/CC, 30"	1

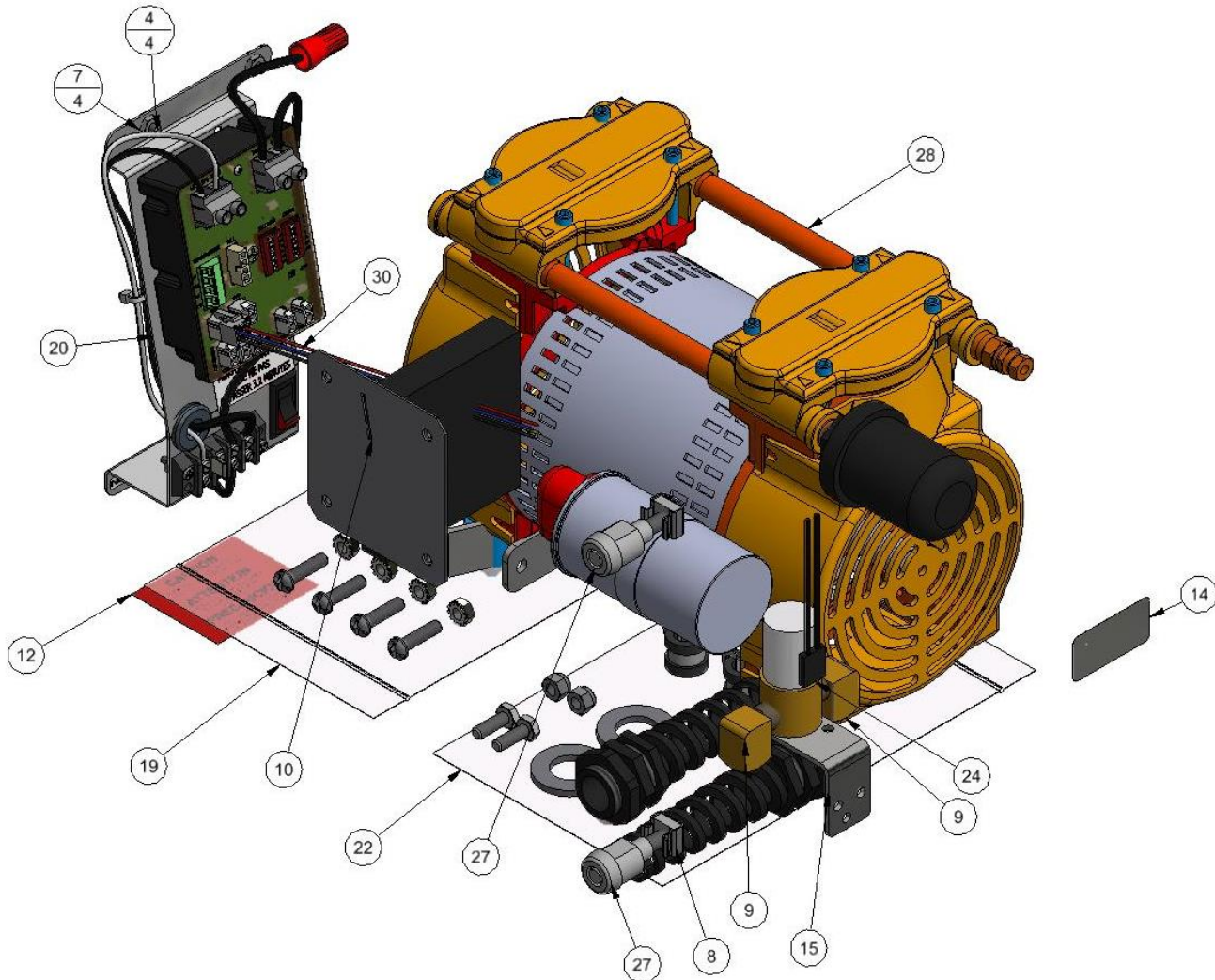


NOTE:

- 1) TO BE USED WITH VAULT KIT 8685-3100A.
- 2) USE WIRE DIAGRAM "S8685_8712-JEA".
- 3) PLEASE NOTE ON THE WIRE DIAGRAM THAT THE 8673-9 DOES NOT APPLY TO THIS UNIT.
- 4) SEND 1009 FUNNEL WITH MACHINE
- 5) AIR HOSE, WATER HOSE AND CHUCK NOT TO BE INSTALLED IN UNIT. SEND ALONG WITH UNIT AND TO BE INSTALLED BY CUSTOMER. HARWARE KIT 8685KIT-B TO BE SENT ALONG TO AID IN HOSE INSTALLATION.
- 6) PLACE COPY OF 8685-FILINS AIR FILTER INSTRUCTIONS INSIDE CABINET BUT SEPARATE FROM MANUAL.

E	8705	8673-JEA WAS 8673, ADD 8712-C1-1	3/12/21	MWS	<table border="1"> <tr> <td colspan="2">TITLE</td> <td colspan="2">AIR WATER MACHINE ASSEMBLY, SCREW LOCK, VR</td> </tr> <tr> <td>UNSPECIFIED TOLERANCES</td> <td>DATE</td> <td>SCALE</td> <td>SHEET</td> </tr> <tr> <td>1 PL ±.030</td> <td>9/11/2012</td> <td>1 / 2</td> <td>1 / 2</td> </tr> <tr> <td>2 PL ±.020</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3 PL ±.003</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ANGLE ± 1°</td> <td></td> <td></td> <td></td> </tr> </table>	TITLE		AIR WATER MACHINE ASSEMBLY, SCREW LOCK, VR		UNSPECIFIED TOLERANCES	DATE	SCALE	SHEET	1 PL ±.030	9/11/2012	1 / 2	1 / 2	2 PL ±.020				3 PL ±.003				ANGLE ± 1°			
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UNSPECIFIED TOLERANCES	DATE	SCALE	SHEET																										
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A	7153	REMOVED 5644D2 AND ADDED 5644D1	8-29-13	CK																									
REV	NO.	DESCRIPTION	DATE	BY	<table border="1"> <tr> <td colspan="2">DRAWN BY</td> <td colspan="2">chadk</td> </tr> <tr> <td colspan="2">DATE</td> <td colspan="2">9/11/2012</td> </tr> <tr> <td colspan="2">SCALE</td> <td colspan="2">1 / 2</td> </tr> <tr> <td colspan="2">SHEET</td> <td colspan="2">1 / 2</td> </tr> <tr> <td colspan="2">PART NO.</td> <td colspan="2">8685-2GWVR</td> </tr> <tr> <td colspan="2">REV.</td> <td colspan="2">E</td> </tr> </table>	DRAWN BY		chadk		DATE		9/11/2012		SCALE		1 / 2		SHEET		1 / 2		PART NO.		8685-2GWVR		REV.		E	
DRAWN BY		chadk																											
DATE		9/11/2012																											
SCALE		1 / 2																											
SHEET		1 / 2																											
PART NO.		8685-2GWVR																											
REV.		E																											

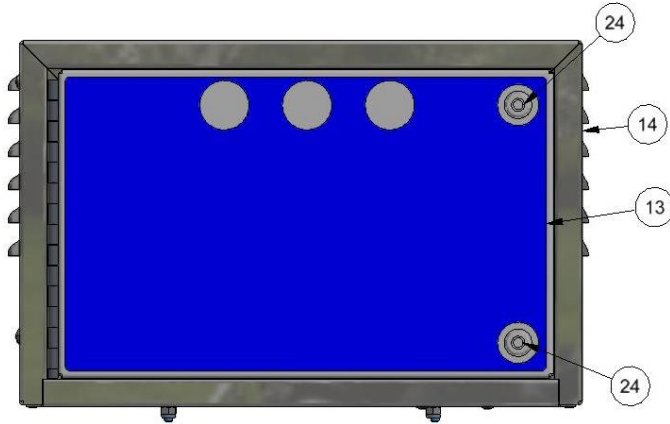
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TITLE		AIR WATER MACHINE ASSEMBLY, SCREW LOCK, VR	
UNSPECIFIED TOLERANCES	MATERIAL	BY	DATE
1 PL ±.030		chadk	9/11/2012
2 PL ±.020			
3 PL ±.003	SCALE	SHEET	PART NO.
ANGLE ±1°		2 / 2	8685-2GWVR
			REV. E

REV	NO.	DESCRIPTION	DATE	BY
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PART NO. 8685-2GWVR-1



E

E

BILL OF MATERIALS

ITEM	PART NUMBER	DESCRIPTION	QTY
1	1079-3	GASKET, DOOR SEAL	49.36"
2	5603D2	NUT, NYLOCK, 1/4-20, SS	4
3	5604D1	BOLT, #10-24 x 0.5 CH, SS	4
4	5609D1	LOCK WASHER, #10 INT TOOTH, ZP	2
5	5610D1	8x32 x 1/2 SLOT SCREW	2
6	5611D2	NUT, 10-24 UNC KEPP- ZINC	4
7	5644D1	CAGE NUT 5/16-18	2
8	5800D6	ELBOW, STREET, 1/4NPT, 90D, BRS	2
9	8180	WARNING, WIRE TEMP RATING	1
10	8183	DISCONNECT POWER DECAL	1
11	8437D002	ETL DECAL, AIR MACHINES	1
12	8551	SOLENOID BRACKET	1
13	8659-126AW-KIT	DECAL, LOW COST AIR/WATER	1
14	8659-3W-100VR-1	CAB. WLDMNT, AIR MACH, SL, VR, EXT COIN	1
15	8659-999	DECAL, MAX TIME	1
16	8670KIT-2W	HARDWARE PACK, PED AIR/WATER MACHINE	1
17	8673-JEA	TIMER ASY, AIR, JEA TIMER	1
18	8685BOX	CARDBOARD BOX	1
19	8685KIT-B	KIT, AIR/WATER HOSE INSTALLATION	1
20	8685PAD	CARDBOARD INSERT	2
21	8697	SOLENOID, 120/60-KIP-NORGREN	1
22	8732	PRODUCT NAMEPLATE	1
23	8754	DECAL, DANGER	1
24	8958-2	MEDECO SCREW LOCK	2
25	9862	COMPRESSOR, 3/4 HP TWIN CYL	1
26	8685-FILINS	INSTRUCTIONS, AIR FILTER INSTALL	1
27	8712-C1-2	CABLE ASSEMBLY, COIN/CC, 66"	1

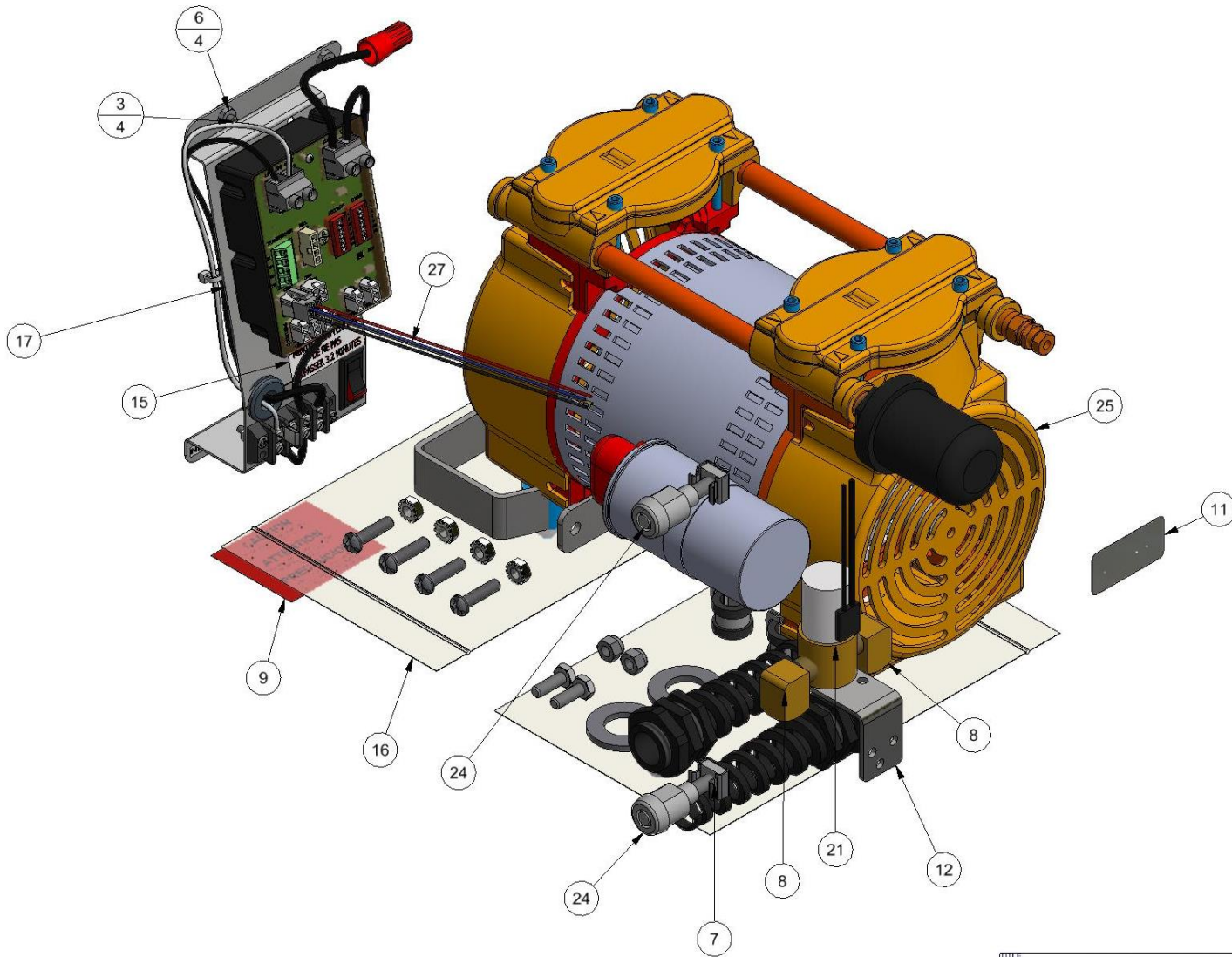
NOTE:

- 1) TO BE USED WITH VAULT KIT 8685-3100A-1.
- 2) USE WIRE DIAGRAM "S8685_8712-JEA". E
- 3) PLEASE NOTE ON THE WIRE DIAGRAM THAT THE 8673-9 DOES NOT APPLY TO THIS UNIT.
- 4) AIR HOSE, WATER HOSE AND CHUCK NOT TO BE INSTALLED IN UNIT. SEND ALONG WITH UNIT AND TO BE INSTALLED BY CUSTOMER. HARDWARE KIT 8685KIT-B TO BE SENT ALONG TO AID IN HOSE INSTALLATION.
- 5) PLACE COPY OF 8685-FILINS AIR FILTER INSTRUCTIONS INSIDE CABINET BUT SEPARATE FROM MANUAL.

E	8705	8673-JEA WAS 8673, ADD 8712-C1-2	3/12/21	MWS	<table border="1"> <tr><td colspan="2">TITLE</td><td colspan="2">AIR/WAT MACH ASY, SL, VR, EXT COIN</td></tr> <tr><td colspan="2">MATERIAL</td><td colspan="2">UNSPECIFIED TOLERANCES</td></tr> <tr><td>DRAWN BY</td><td>chadk</td><td>DATE</td><td>9/11/2012</td></tr> <tr><td>SCALE</td><td></td><td>SHEET</td><td>1 / 2</td></tr> <tr><td>ANGLE ± 1°</td><td></td><td>PART NO.</td><td>8685-2GWVR-1</td></tr> </table>	TITLE		AIR/WAT MACH ASY, SL, VR, EXT COIN		MATERIAL		UNSPECIFIED TOLERANCES		DRAWN BY	chadk	DATE	9/11/2012	SCALE		SHEET	1 / 2	ANGLE ± 1°		PART NO.	8685-2GWVR-1
TITLE		AIR/WAT MACH ASY, SL, VR, EXT COIN																							
MATERIAL		UNSPECIFIED TOLERANCES																							
DRAWN BY	chadk	DATE	9/11/2012																						
SCALE		SHEET	1 / 2																						
ANGLE ± 1°		PART NO.	8685-2GWVR-1																						
D	8053	ADD 8685-FILINS AND NOTE 5	7/26/17	MWS																					
C	7600	ADD 8180 DECAL BELOW T-STRIP, ADD MAX TIME & ETL DECAL	102815	JF																					
B	7440	REMOVED 6408 & 6409; ADDED 8685PAD & 8685BOX	3-30-15	CK																					
A	7153	REMOVED 5644D2 AND ADDED 5644D1	8-29-13	CK																					
REV	NO.	DESCRIPTION	DATE	BY	<table border="1"> <tr><td>SCALE</td><td></td><td>SHEET</td><td>1 / 2</td></tr> <tr><td>PART NO.</td><td>8685-2GWVR-1</td><td>REV.</td><td>E</td></tr> </table>	SCALE		SHEET	1 / 2	PART NO.	8685-2GWVR-1	REV.	E												
SCALE		SHEET	1 / 2																						
PART NO.	8685-2GWVR-1	REV.	E																						

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PART NO. 8685-2GWVR-1

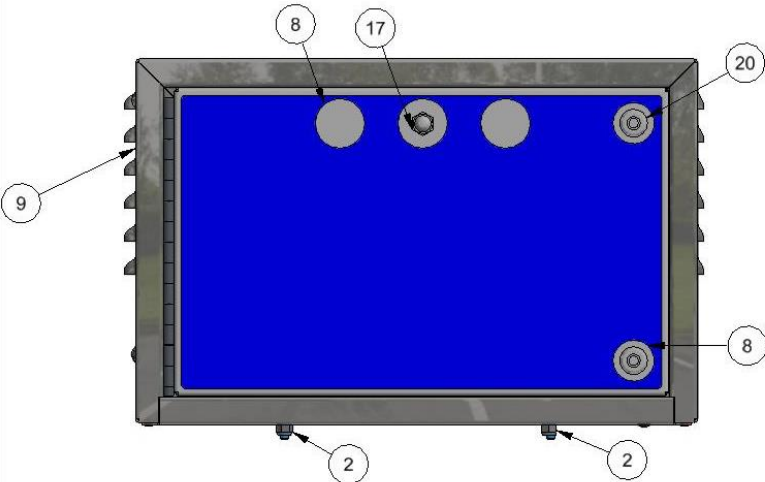


TITLE		AIR/WAT MACH ASY, SL, VR, EXT COIN	
MATERIAL		UNSPECIFIED TOLERANCES	
DRAWN BY		chadk	
DATE		9/11/2012	
SCALE		SHEET 2 / 2	
ANGLE ± 1°		PART NO. 8685-2GWVR-1	
		REV. E	

REV	NO.	DESCRIPTION	DATE	BY
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8685-2FG

- NOTE:
- 1) MACHINE BE USED WITH PEDESTAL 8819-50 TO MOUNT DIRECTLY TO A FLAT HARD SURFACE OR MACHINE CAN BE MOUNTED DIRECTLY TO A WALL.
 - 2) USE WIRE DIAGRAM "S8685_8712-JEA".
 - 3) PLEASE NOTE ON THE WIRE DIAGRAM THAT THE 8673-9 DOES NOT APPLY TO THIS UNIT.
 - 4) AIR HOSE AND CHUCK NOT TO BE INSTALLED IN UNIT. SEND ALONG WITH UNIT AND TO BE INSTALLED BY CUSTOMER. HARWARE KIT 8685KIT-A TO BE SENT ALONG TO AID IN HOSE INSTALLATION.
 - 5) PLACE COPY OF 8685-FILINS AIR FILTER INSTRUCTIONS INSIDE CABINET BUT SEPARATE FROM MANUAL.



F

F

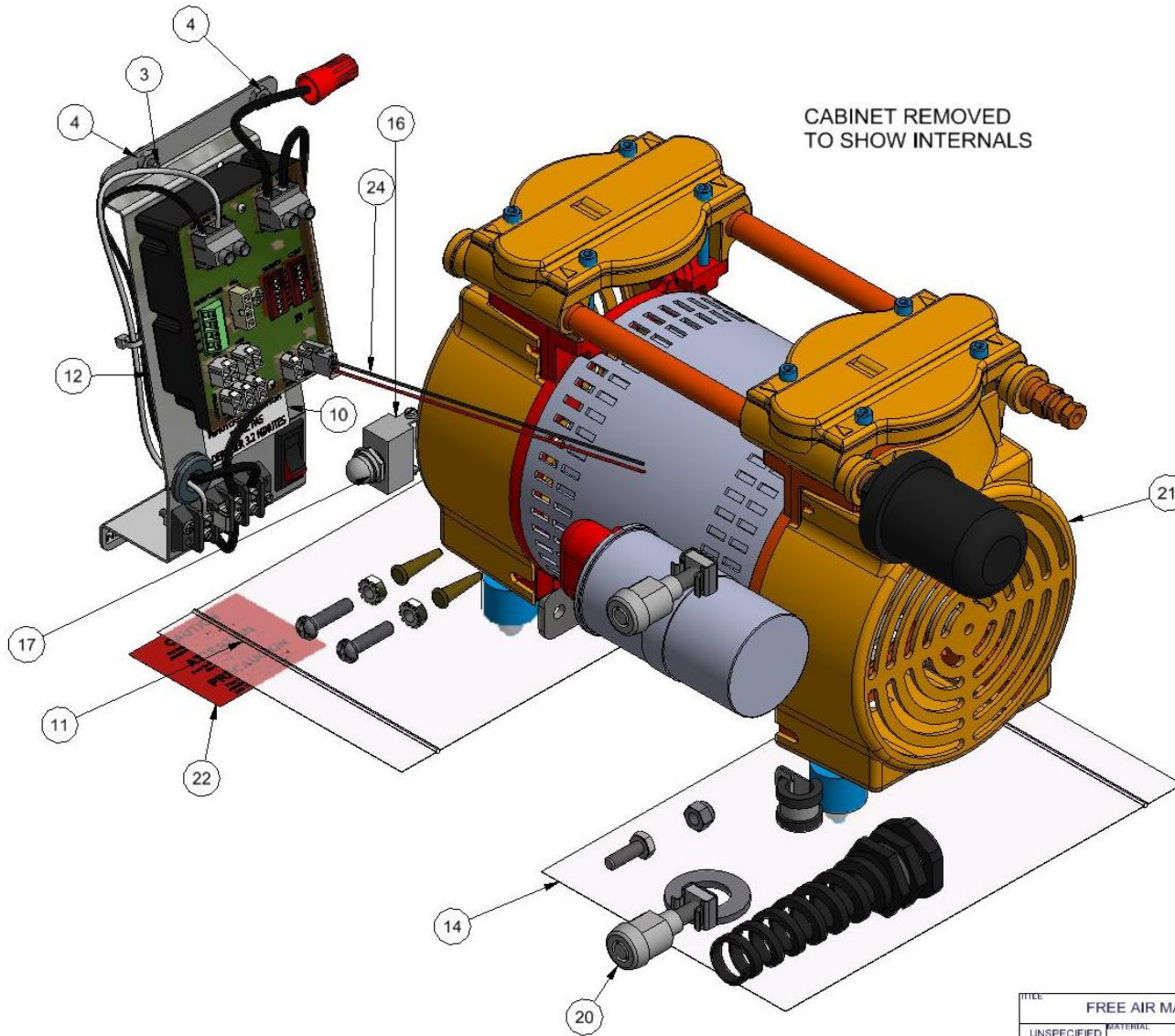
BILL OF MATERIALS			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	1079-3	GASKET, DOOR SEAL	49.36
2	5603D2	NUT, NYLOCK, 1/4-20, SS	4
3	5604D1	BOLT, #10-24 x 0.5 CH, SS	4
4	5611D2	NUT, 10-24 UNC KEPP- ZINC	4
5	5644D1	CAGE NUT, 5/16-18	2
6	8183	DECAL, DISCONNECT POWER	1
7	8437D002	ETL LABEL, AIR MACHINES	1
8	8659-126-KIT	DECAL, LOW COST AIR	1
9	8659-3W-100-F	CAB. WLDMNT, AIR MACH, SCREW LOCKS, FREE	1
10	8659-999	DECAL, MAX TIME	1
11	8670KIT-2	HARDWARE PACK, PED AIR MACHINE	1
12	8673-JEA	TIMER ASY, AIR, JEA TIMER	1
13	8685BOX	BOX	1
14	8685KIT-A	KIT, AIR HOSE INSTALLATION	1
15	8685PAD	PAD	2
16	8726	PUSH BUTTON	1
17	8727	BOOT, RUBBER, PUSHBUTTON	1
18	8732	PRODUCT NAMEPLATE	1
19	8754	DECAL, DANGER	1
20	8958-2	MEDECO SCREW LOCK	2
21	9862	COMPRESSOR, 3/4 HP TWIN CYL	1
22	8180	WARNING, WIRE TEMP RATING	1
23	8685-FILINS	INSTRUCTIONS, AIR FILTER INSTALL	1
24	8712-A1-1	CABLE ASSY, COUNTER/FREE VEND/STOP	1

F	8705	TIMER WAS 8673, ADDED 8712-A1-1	3/12/21	MWS	TITLE: FREE AIR MACHINE ASSEMBLY, SCREW LOCK UNSPECIFIED TOLERANCES DRAWN BY: CHAD K. DATE: 12/18/2012 SCALE: SHEET 1 / 2 PART NO: 8685-2FG REV: F
E	8053	ADDED 8685-FILINS AND NOTE 5	7/26/17	MWS	
D	7600	ADD 8180 DECAL BELOW TERMINAL STRIP	102615	JF	
C	7440	REMOVED 6408, 6409 & ADDED 8685BOX, 8685PAD	3-27-15	CK	
B	7153	REMOVED 5644D2 AND ADDED 5644D1	8-29-13	CK	
REV	NO.	DESCRIPTION	DATE	BY	


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PART NO.

8685-2FG



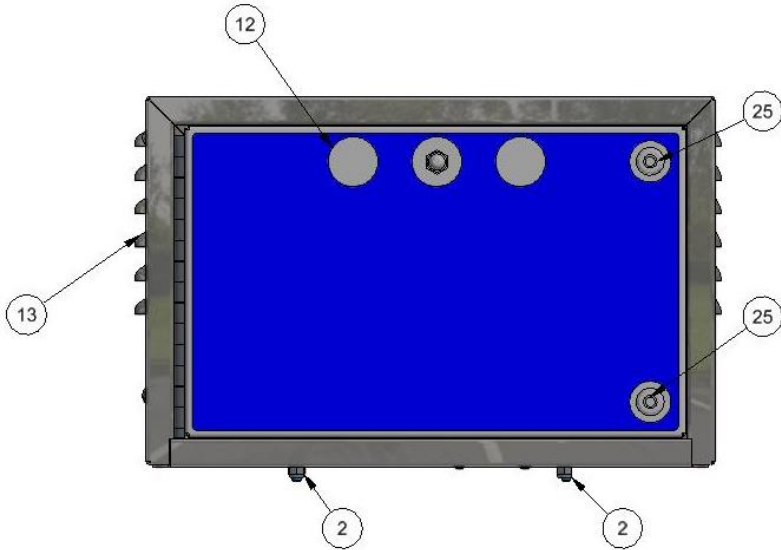
CABINET REMOVED TO SHOW INTERNALS

TITLE				FREE AIR MACHINE ASSEMBLY, SCREW LOCK			
UNSPECIFIED TOLERANCES		MATERIAL		DRAWN BY		CEDAR RAPIDS, IOWA	
1 PL ±.030				CHAD K.			
2 PL ±.020		DATE		12/18/2012			
3 PL ±.003		SCALE		SHEET		PART NO.	
ANGLE ±1°				2 / 2		8685-2FG	
							REV.
							F

REV	NO.	DESCRIPTION	DATE	BY
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8685-2FGW

- NOTE:
- 1) MACHINE BE USED WITH PEDESTAL 8819-50 TO MOUNT DIRECTLY TO A FLAT HARD SURFACE OR MACHINE CAN BE MOUNTED DIRECTLY TO A WALL.
 - 2) USE WIRE DIAGRAM "S8685_8712-JEA".
 - 3) PLEASE NOTE ON THE WIRE DIAGRAM THAT THE 8673-9 DOES NOT APPLY TO THIS UNIT.
 - 4) AIR HOSE, WATER HOSE AND CHUCK NOT TO BE INSTALLED IN UNIT. SEND ALONG WITH UNIT AND TO BE INSTALLED BY CUSTOMER. HARWARE KIT 8685KIT-B TO BE SENT ALONG TO AID IN HOSE INSTALLATION.
 - 5) PLACE COPY OF 8685-FILINS AIR FILTER INSTRUCTIONS INSIDE CABINET BUT SEPARATE FROM MANUAL.



F

F

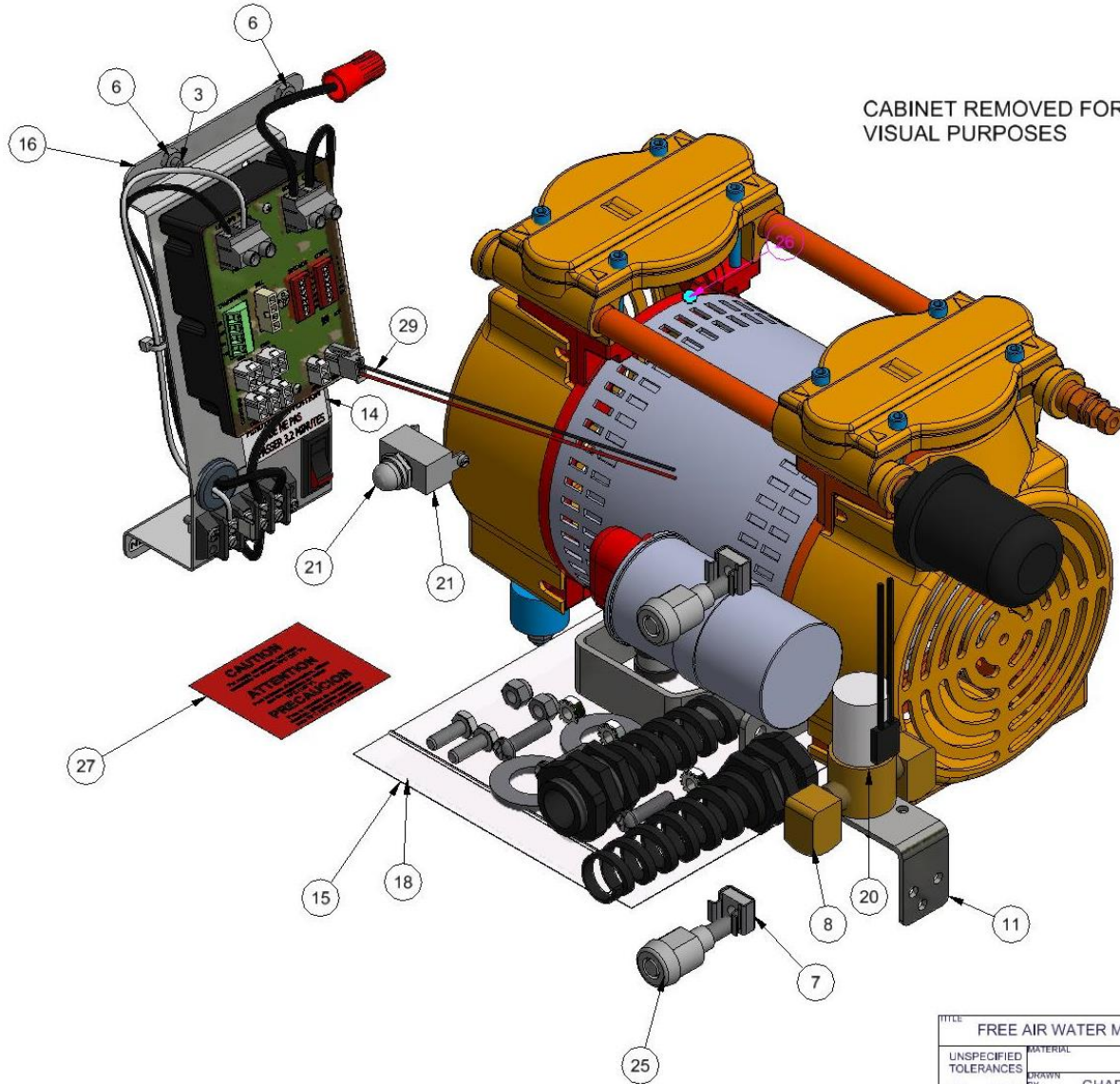
BILL OF MATERIALS			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	1079-3	GASKET, DOOR SEAL	49.36"
2	5603D2	NUT, NYLOCK, 1/4-20, SS	4
3	5604D1	BOLT, #10-24 x 0.5 CH, SS	4
4	5609D1	LOCK WASHER, #10 INT TOOTH, ZP	2
5	5610D1	8x32 x 1/2 SLOT SCREW	2
6	5611D2	NUT, 10-24 UNC KEPP- ZINC	4
7	5644D1	CAGE NUT, 5/16-18	2
8	5800D6	ELBOW, STREET, 1/4NPT, 90D, BRS	2
9	8183	DECAL, DISCONNECT POWER	1
10	8437D002	ETL LABEL, AIR MACHINES	1
11	8551	SOLENOID BRACKET	1
12	8659-126AW-KIT	DECAL, LOW COST AIR/WATER	1
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14	8659-999	DECAL, MAX TIME	1
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23	8732	PRODUCT NAMEPLATE	1
24	8754	DECAL, DANGER	1
25	8958-2	MEDECO SCREW LOCK	2
26	9862	COMPRESSOR, 3/4 HP TWIN CYL	1
27	8180	WARNING, WIRE TEMP RATING	1
28	8685-FILINS	INSTRUCTIONS, AIR FILTER INSTALL	1
29	8712-A1-1	CABLE ASSY, COUNTER/FREE VEND/STOP	1

REV	NO.	DESCRIPTION	DATE	BY
F	8705	8673-JEA WAS 8673, ADD 8712-A1-1	3/12/21	MWS
E	8053	ADD 8685-FILINS AND NOTE 5	7/26/17	MWS
D	7600	ADD 8180 DECAL BELOW TERMINAL STRIP	102815	JF
C	7440	REMOVED 6408 & 6409; ADDED 8685BOX & 8685PAD	3-30-15	CK
B	7153	REMOVED 5644D2 AND ADDED 5644D1	8-29-13	CK

TITLE		FREE AIR WATER MACHINE ASSEMBLY, SCREW LOCK	
UNSPECIFIED TOLERANCES	DRAWN BY	CHAD K.	
1 PL ±.030	DATE	12/18/2012	
2 PL ±.020	SCALE	1 / 2	
3 PL ±.003	SHEET NO	8685-2FGW	
ANGLE ± 1°	REV.	F	

CEDAR RAPIDS, IOWA
J.E. ADAMS INDUSTRIES, LTD.

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CABINET REMOVED FOR VISUAL PURPOSES

TITLE				FREE AIR WATER MACHINE ASSEMBLY, SCREW LOCK			
UNSPECIFIED TOLERANCES				MATERIAL			
1 PL ± .030				DRAWN BY CHAD K.			
2 PL ± .020				DATE 12/18/2012			
3 PL ± .003				SCALE			
ANGLE ± 1°				SHEET 2 / 2		PART NO. 8685-2FGW	
				REV. F		CEDAR RAPIDS, IOWA	

REV	NO.	DESCRIPTION	DATE	BY

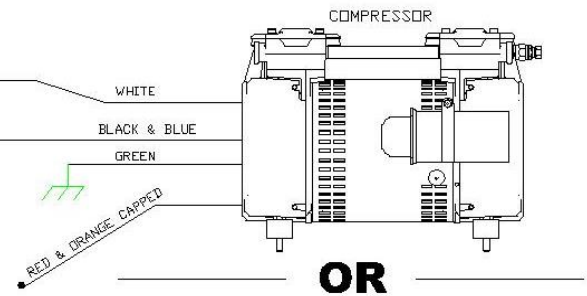
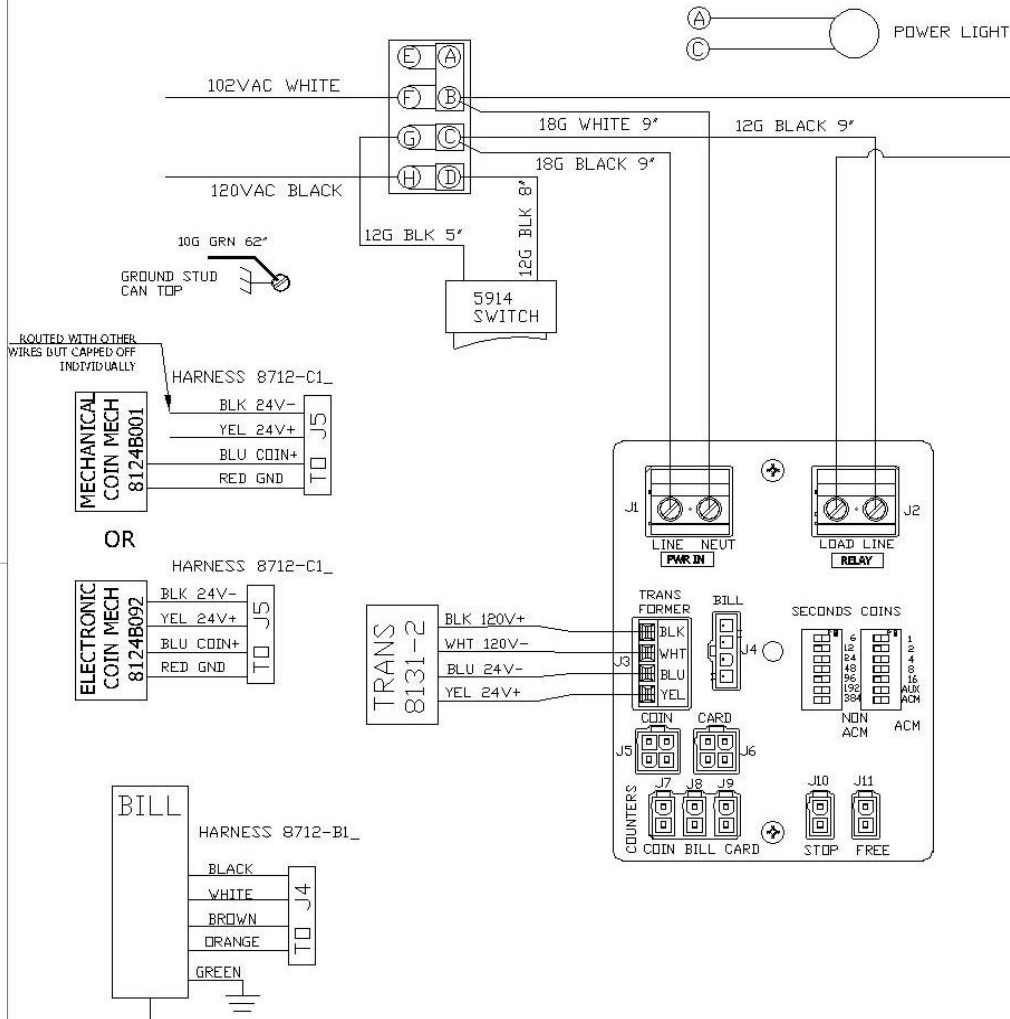
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PART NO. **S8685_8712-JEA**

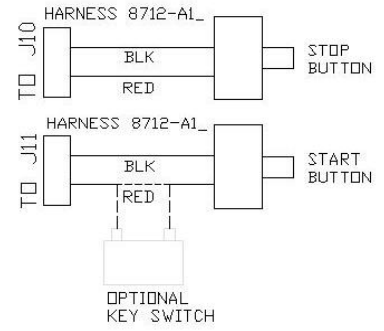
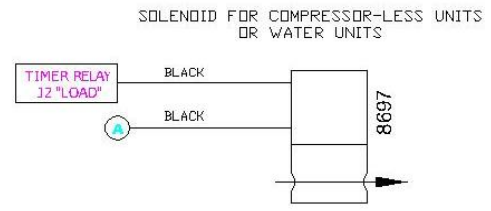
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BILL OF MATERIAL

ITEM NO.	PART NO.	DESCRIPTION	QTY.
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OR



TITLE			
SMALL AIR MACHINE, JEA TIMER 120V			
UNSPECIFIED TOLERANCES	SCALE	-	
FRACT. $\pm 1/32$	DRAWN BY	JRF	
2 PL $\pm .020$	DATE	1/28/21	
3 PL $\pm .010$	REL. FOR PROD.		
ANGLE $\pm 1.0^\circ$			
		CEDAR RAPIDS, IOWA	
		J.E. ADAMS INDUSTRIES, LTD	
		PART NO.	REV.
		S8685_8712-JEA	-

REV	NO.	DESCRIPTION	DATE	BY
-	8705	RELEASED	3/12/21	MWS