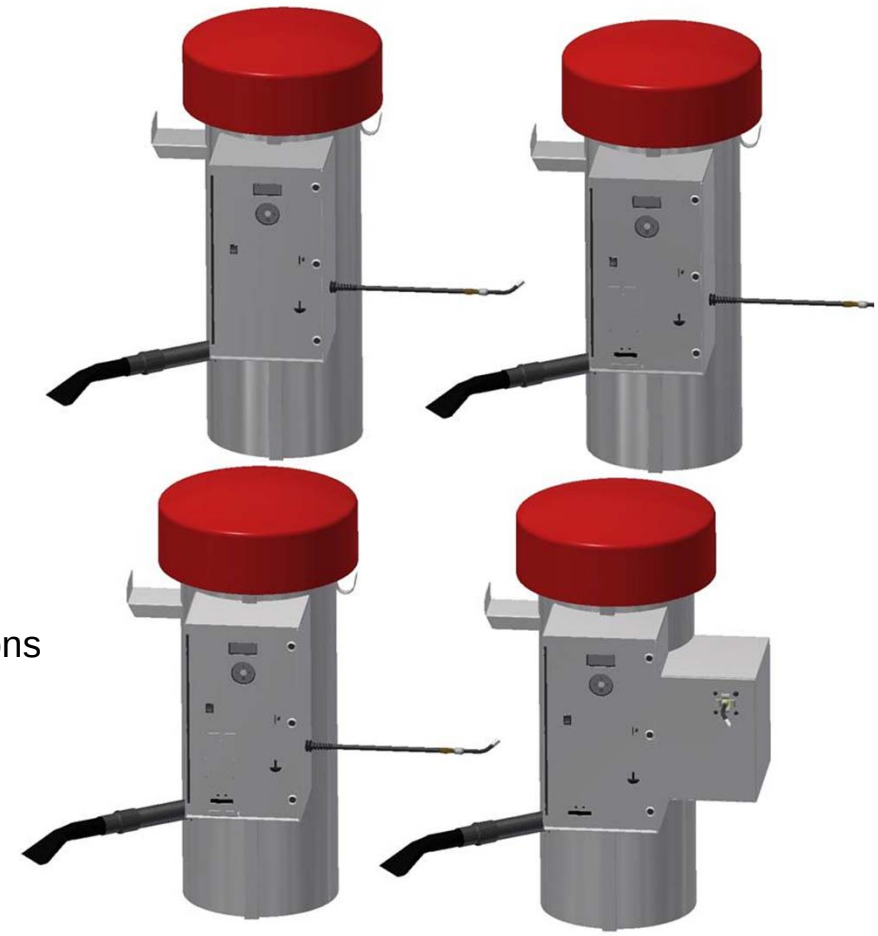
Models - 9420-1* Digital Air Vac Models



Page 2	Product Information
Page 3	Specifications
Page 4	Important Safety Instructions
Page 5-6	Product Dimensions
Page 7-9	Installation
Page 9-13	Programming
Page 14	Operating Instructions
Page 14	Maintenance
Page 15-16	Troubleshooting
Page 17-18	Parts List
Page 19	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: Gast twin cylinder compressor models

Voltage:	120VAC, 60Hz
Amperage:	(1) 20 amp service is required for this unit (air or vac will run depending on what function is chosen)
Weight:	240 lbs with pallet
Vac Motor:	(2) 120VAC vacuum motor
Fuses:	(2) 10 amp inline fuses (vac motors)
Compressor:	Gast 3/4 HP, 120VAC, 60HZ



Twin cylinder compressor

Duty cycle time 4 minutes on, 4 minutes off.

NOTE: “UNIT INTENDED FOR COMMERCIAL USE ONLY”

IMPORTANT SAFETY INSTRUCTIONS

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

READ ALL INSTRUCTIONS BEFORE USING (THIS APPLIANCE)

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

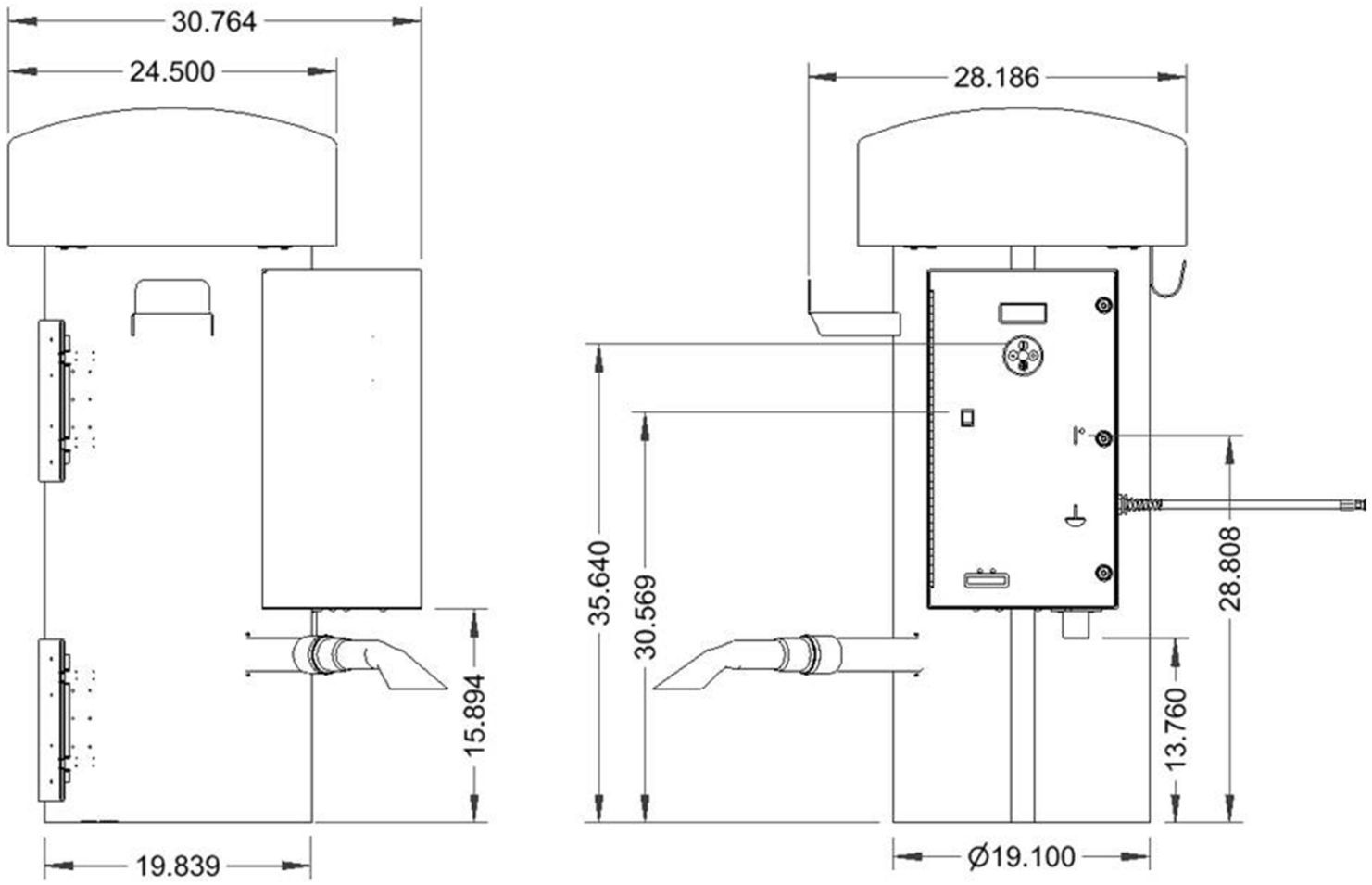


- Do not use on wet surfaces.
- Use only as described in manual. Use only manufactures recommended attachments.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair and anything that may reduce air flow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- "Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes."
- "DO not use without dust bag and/or filters in place."
- Never use air compressor on tires containing sealers such as "FIX-A-FLAT" type products!

SAVE THESE INSTRUCTIONS

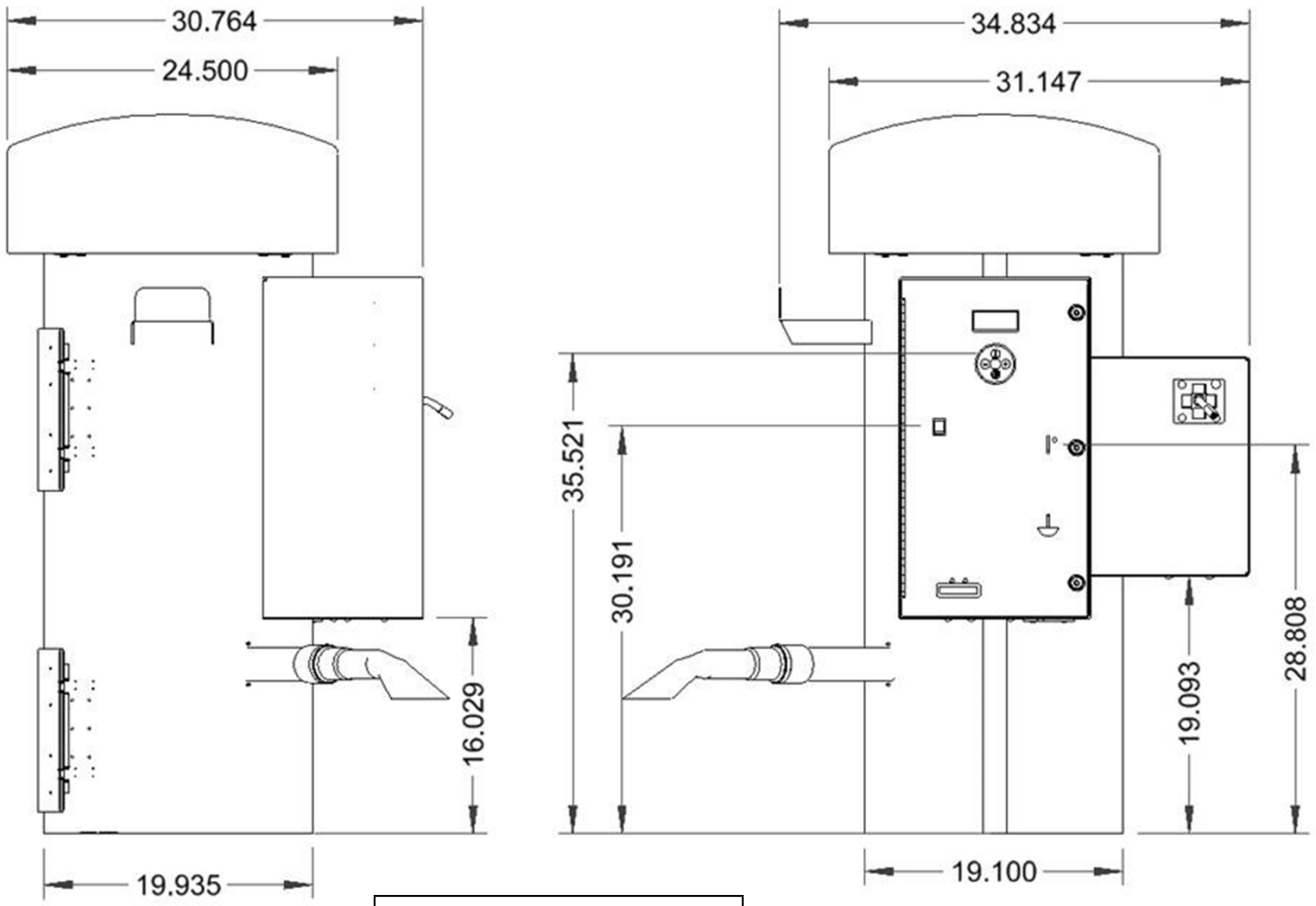
- **Installation Instructions:**
- Determine location to mount unit (**"DANGER" "THIS EQUIPMENT INCORPORATES PARTS SUCH AS SWITCHES, MOTORS, OR THE LIKE THAT TEND TO PRODUCE ARCS OR SPARKS THAT CAN CAUSE AN EXPLOSION. WHEN LOCATED IN GASOLINE-DISPENSING AND SERVICE STATIONS INSTALL AND USE AT LEAST 20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



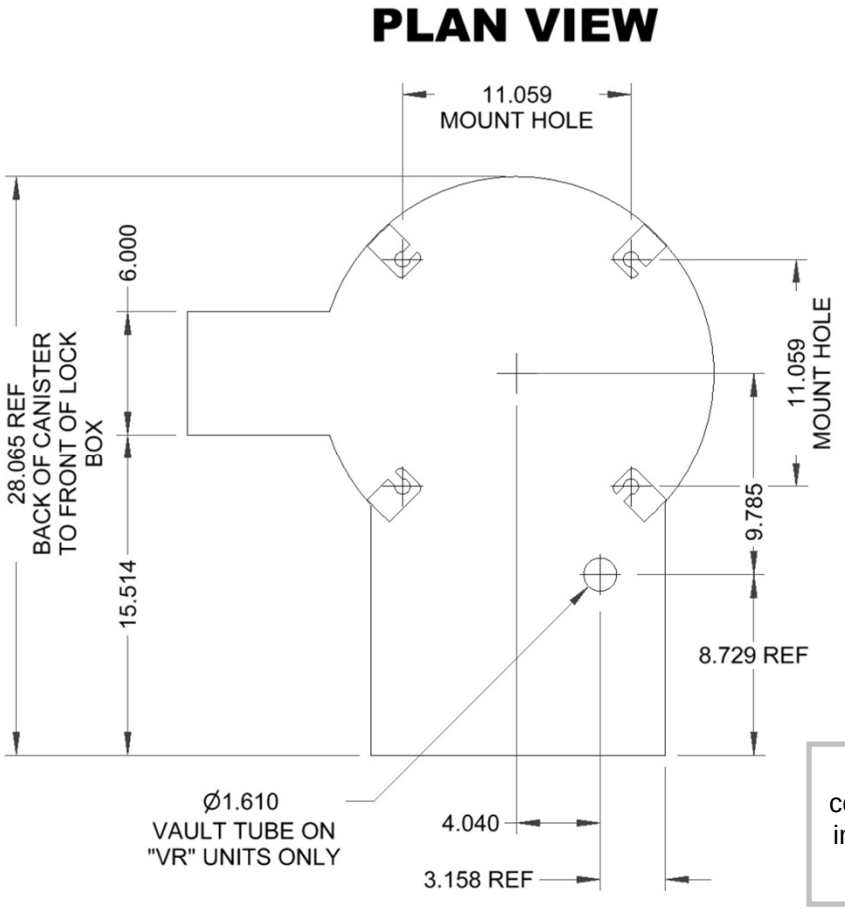
Vault ready model.

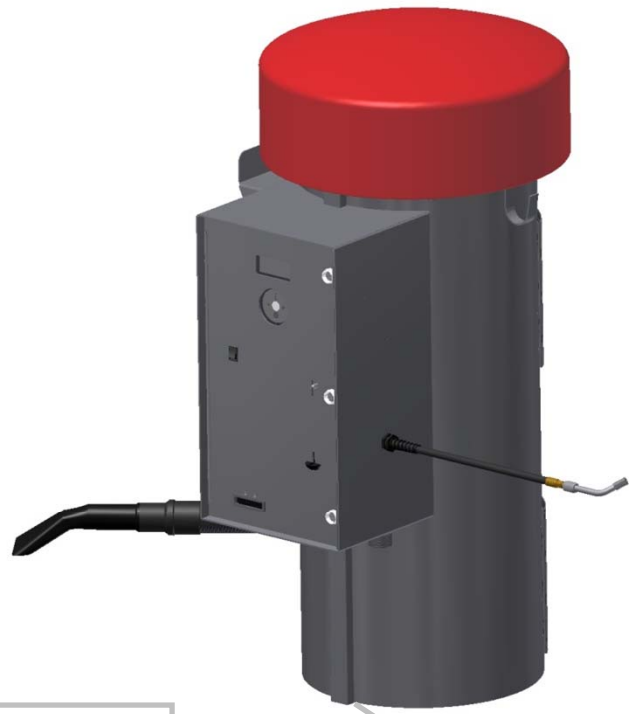
Product Dimensions

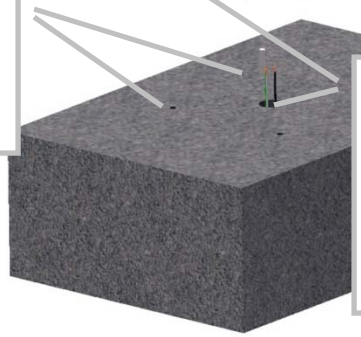


Side hose reel model.

Installation:







Drill holes into concrete surface and install 3/8" studs (4).

Bring electrical in underneath can and route up front channel to terminal strip inside cabinet.

NOTE: when mounting, provide clearance so cleanout doors can open!!

Electrical:

Open door to digital air vac to access terminal strip.

NOTE: MACHINE SHOULD BE INSTALLED PER LOCAL/NATIONAL ELECTRICAL CODES BY QUALIFIED ELECTRICIAN.



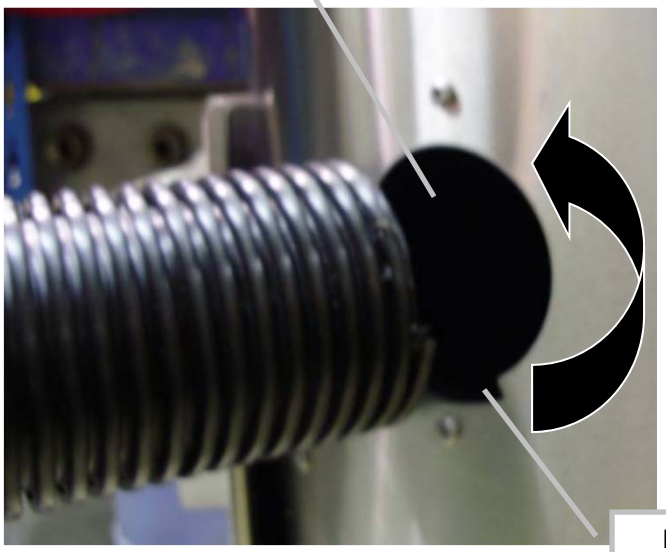
Consult electrical diagram on last page of manual for specifics. Connect 120V white "neutral" here.

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

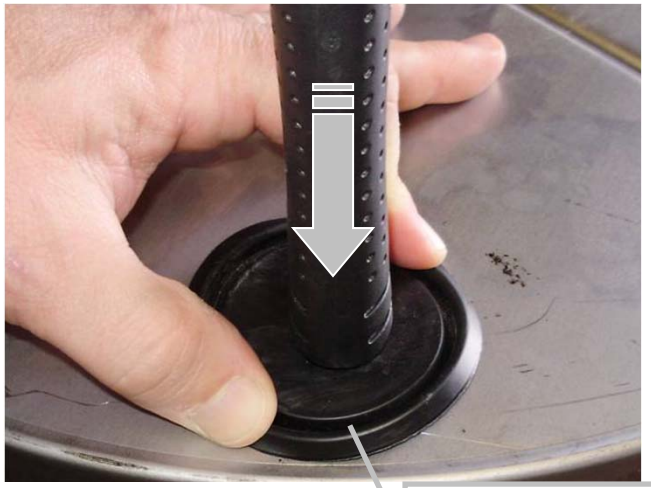
Consult electrical diagram on last page of manual for specifics. Connect green "ground" to bolt.

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

To attach hose, thread into metal hole counter clockwise.



Edge of hose will need to start here.



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

Programming Instructions:

Coin acceptor:

No programming to acceptor needed if unit was purchased with the standard Imonex Z3 acceptor (8149 JEA part number) as it is built accept US quarters. If different acceptor was purchased, see additional literature sent along with unit for programming info.

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.

Changing settings: quick method

Free vend or pay mode, number of coins, time per coin, and compressor mode.

1) Turn unit off.
2) Hold coin switch lever in the down position.
3) Turn unit on.
4) Unit display will read “t4” after a short boot up sequence.
5) Release coin switch lever.
6) As soon as coin mech switch lever is released, "No PU" will appear (number of pulses) for a short time and then will automatically scroll to the input quantity. The unit now displays a two digit number. This is the number of coins to make the unit engage for the programmed time. “00” unit is free air, 01 for 1 coin, 02 for two coins, etc. Adjust by using + or – buttons on the control panel.
7) Press i button to continue: Unit now advances to "Dur" (duration or amount of time per coin) on the display and will automatically scroll to the amount of time in seconds per coin. Adjust this amount by using + or – buttons. Example: For 4 minutes of vend time for $ 0.75 – using the plus or minus button set the duration to 80. This means 80 second per coin (Quarter) for a total of 240 seconds or 4 minutes running time. **(note: this parameter will not show up if the unit is set to free vend, “00”, in the previous step)**.
8) Press i button to continue and unit will display "COnn" (compressor) for a short time and then automatically scroll to the compressor operation mode. Choose which mode you would like by using the +/- buttons; "no" = none or no compressor, "denn" = on demand, and "cont" = continuous. "Cont" is recommended as it seems to cause the least amount of confusion to the end user.
9) Press i button to continue and unit will now display "nnod" which is a setting for a modem (Y or N). Most applications will not have a modem so this will need to be set to "N" (no).
10) Press i button to continue and unit now displays "End".
11) Turn unit off for 10 seconds and then back on. Now controller has the new parameters.

Changing settings – advanced programming.

Before beginning, most domestic applications will require “PSI” rather than "BARS" at the gauge and on the display. These settings are factory set at JE Adams. Only access these settings if absolutely necessary and write down settings before you change them.

1) Turn power switch to off.

2) Hold coin switch lever in the down position.

3) Turn power switch to on, and wait for first audible “beep.” just after first “beep” press (“+”) button followed by the (“-”) button. “Prtr” is shown on the display (if Prtr is not displayed, turn unit off and try again).



4) Release the coin switch lever and press “ i ” button once, “T-4” blinks on display and will then disappear.

5) “1 Un” is now shown on the display for a brief moment and will automatically scroll to the setting.
At this step, set the pressure unit for the gauge.
"PSI" or "BAR" are the options. Choose PSI for most applications by using the + or - buttons on the control panel.
Press “i” button to continue





6) “2 Un” is now shown on the display for a brief moment and will automatically scroll to the setting. "PSI" should be shown, if not change to PSI.
Press “i” button to continue





7) “dE” is now shown on the display for a brief moment.
At this step, set the default tire pressure, value which
is factory set at 32 PSI. Use + or - buttons to set.
Press “i” button to continue.



8) “LS” is now shown on the display. This is typically
set to 70 PSI which is the maximum pressure value.
Press “i” button to continue.



9) “nº PU” is shown on the display for a short moment and
then a two digit vaule is displayed. This represents the
number of coins to activate machine.



10) 00 is for free vend, 01 for one coin, 02 for two coins,
and so on. Choose by using + or - buttons.
Press “i” button to continue



11) “Dur” is now shown on the display which represents
the amount of time per coin in seconds. If
machine is set to “00” free vend, this option
will not be present. Set time per coin by using “–“ or “+” buttons.
Press “i” button to continue

12) “Conn” is now shown for a brief moment and then the
setting. Leave this at "cont". See quick programming
section of manual for full explanation.
Press “i” button to continue



13) “nnod” is shown on the display which is for the modem setting.
Most machines will not have a modem so choose "no."
Press “i” button to continue

14) “End” is shown on the display, this indicates the setup is finished.
Turn tire gauge off, wait 10 seconds minimum before turning on.



Next time the tire gauge is on, it will work with the new settings

Counter:

To access the counter:
In normal operation mode, press i button and just after the beep press the minus button.
This unit has two counters:
The first one is a non-resetable 8 digit number shown in two steps: CnH 0000 and the CnL 0000.
When pay air mode the counter shows the number of coins put through the machine (not the number of vends).
When free air mode the counter shows the number of vends.

Machine Operating Instructions:

- Read safety instructions on previous pages.
- Flip rocker switch to desired function and insert coins/dollar bills to start.
- Compressor or vacuum motors will then start.
- For vacuum motors, use vacuum to remove dry dirt and debris from car/truck.
- For air, set control panel to desired air pressure by using the + or – buttons; default is typically set at 32 PSI.
- Apply chuck to tire valve stem and wait for machine to alarm to indicate tire is full. NOTE: For best results, remove valve stem covers on all tires before depositing money.
- Hang hose(s) up when finished.

How Does Digital Air Work?

When the compressor is running, the machine will dispense air randomly out the chuck. It is searching for a back pressure from the tire. Once a back pressure is sensed, the machine will continually dispense air out the chuck until the tire is filled to the programmed pressure. If the tire does not have adequate air pressure in it (such as a low or flat tire scenario), the "flat tire" button on the control panel can be pressed which will make the digital air machine dispense air for a longer period of time before searching for a back pressure. If the digital air machine cannot fill a low tire, the tire probably needs serviced.

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 cabinet 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!

DISCONNECT POWER BEFORE SERVICING OR TROUBLESHOOTING!





Troubleshooting:

Problem	Possible cause	Solution
Unit is not powered.	Breaker inside unit is not in the on position.	Flip breaker on.
	No power to machine.	Check incoming power.
	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 20amp service versus length or run.
	Wrong size breaker.	Install correct breaker (only if wire size is adequate to handle 20 amp breaker).
Fuses for vac motors keep blowing.	Inadequate wire size ran to machine.	Call electrician and install proper wire size for 20amp 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.
	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.

Compressor 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 special JE Adams PN 8533-13CW.
	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.
Compressor hums, won't start.	Contacts on compressor may be dirty (Devilbiss).	Remove protective guard from end of motor and clean contacts.

Digital Air Machine "Error Codes"
err 1 = board malfunction
err 2 = valve malfunction
err 3 = unit can't get to set pressure (generally means there is a leak in system)
err 4 = pressure sensor fault
err 5 = low voltage
err 7 = air chuck or air line is frozen (common during cold weather)
err 8 = unit reading pressure when turned on (pressure sensor malfunction)
t - 4 = coin switch closed (coin jam or coin switch malfunction)





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

PART NO. 9420-1GDIGV-VR

BILL OF MATERIALS

ITEM	PART NUMBER	DESCRIPTION	QTY
44	5943E3220	WIRE, BLK 12G	77"
45	5943E3229	WIRE, WHT 12G	31"
46	6082	BAG	1
47	6301-4	BRASS PIPE, 1/4NPT BOTH ENDS	1
48	7052-1	CHECK VALVE, 1/4 NPT	1
49	7122-DIG	AIR SOLENOID, EXCEL TIRE W/MNT BRKT	1
50	8000-25	WAGO WAL-NUT, 4 LOCATION	2
51	8051G	BRACKET, MOTOR MOUNT	1
52	8055EM	MOTOR, ELECTRO 120V	2
53	8055LEAD-EM	WIRE LEAD, VAC MOTOR	4
54	8057	MOTOR GASKET	2
55	8076	FILTER BAG	4
56	8106	#10 FORK TERMINAL, 10-12AWG, YELLOW	2
57	8108	#10 x 1/2 TAP SCREW	2
58	8113	TERMINAL, FORK BLUE	2
59	8130-6	MARS 110V BILL VALIDATOR	1
60	8153-1	LATCH, CLEANOUT DOOR	4
61	8157	NUT, #6-32 KEPP NUT STAINLESS	4
62	8159	DOOR GASKET	2
63	8182	DECAL, WARNING ENGLISH	2
64	8306	24" PLASTIC DOME	1
65	8427-1	SIDE DECAL, VAC	1
66	8427-2	SIDE DECAL, AIR	1
67	8532-25	AIR HOSE ASSY, 1/4" X 25'	1
68	8533-13	OPEN FLOW CHUCK	1
69	8549	FLEX STRAIN RELIEF	1
70	8615-5W	CLEANOUT DOOR WELDMENT	2
71	8670-19	DIGITAL AIR CNTRL PAN, EXCEL TIRE	1
72	8673DIG	TIMER ASSEMBLY- DIGITAL AIR	1
73	8732	NAMEPLATE	1
74	8764	DECAL, DANGER ENGLISH	1
75	8847-1	FLEX HEATER, DUAL V	2
76	8848	THERMOSTAT	1
77	8939	PALLET	1
78	8958-1	MEDECO SCREW LOCK	1
79	9420-12W	DOOR STRIKE PLATE, DIG AIR/VAC	1
80	9420-14W	MOUNTING BRKT, DIG AIR VAC	1
81	9420-7A	DOOR ASSY, DIGITAL AIR VAC	1
82	9420-8W	BRKT ASSY, DIG AIR CONTROL	1
83	9420FPD-DIG	DOOR DECAL	1
84	9421W7	AIR/VAC CANISTER WELDMENT	1
85	9862	3/4 HP TWIN HEAD GAST COMPRESSOR	1
86	B5722-002	LOCK NUT 3/8"	4
87	B5996-010	FUSE, 10AMP	2
88	B5997-001	FUSE HOLDER, 10A MAX	2

BILL OF MATERIALS

ITEM	PART NUMBER	DESCRIPTION	QTY
1	2036	HOSE, 2" X 15' BLACK VACUUM	1
2	2058	CLAW/CUFF ASSEMBLY, 2"	1
3	29000-27W	VAULT TUBE WELDMENT	1
4	29000-44W	VALIDATOR BOX WELDMENT	1
5	29000-45W	VALIDATOR FACEPLATE WELDMENT	1
6	29000-59	VALIDATOR FACEPLATE HANDLE	1
7	29029-13W	VAULT TUBE WELDMENT	1
8	3049	HOSE, GOODYEAR GORILLA 500PSI	57.25 IN
9	3054	1/4" HOSE BARB X 1/" MPT	2
10	3054-1	1/4 HOSE BARB, 1/4" NPT FEMALE	3
11	5590D02	CAPACITOR, 4.7uf 250VDC	1
12	5600D4	3/8"-16 BOLT	4
13	5601D1	1/4-20 x 1/2 HHCS-ZINC PLATED	4
14	5601D4	1/4-20 x 3/4 HHCS-SS	1
15	5603D1	10 Std NC Nylock Nut	7
16	5603D11	1/2 Std NC Nylock Nut	1
17	5603D15	NUT, 4-40 UNC KEPS	2
18	5603D2	1/4 Std NC Nylock Nut	15
19	5603D5	1/4 Std NC Nylock Nut	3
20	5603D9	10 Std NF Nylock Nut	2
21	5606D21	WASHER, FLAT, 3/4 SAE, ID 13/16	1
22	5606D22	3/8 FENDER WASHER	8
23	5611D1	NUT, 8-32 UNC KEPP-ZINC PLATE	6
24	5635D2	1/4-20x1" CARRIAGE BOLT	3
25	5636D1	#10-24 PHIL. PAN HEAD SCREW	2
26	5639D4	RUBBER GROMMET	1
27	5640D1	1/4-20 x 1/2 PHIL PAN HEAD SCREW	2
28	5643D2	SS HOSE CLAMP, 7/16-25/32"	7
29	5644D1	CAGE NUT	4
30	5647D2	RIVET, 1/8" SS POP	24
31	5647D8	RIVET, 3/16" SS POP	21
32	5684D2	1/2" DIA. HOSE CLAMP	1
33	5721D1	HEATSHRINK TUBING, .5" DIA	12"
34	5813D3	3 WAY MANIFOLD, 1/4-20 NPT	1
35	5827D1	45 DEG. STREET ELBOW	3
36	5871B8	PLUG, VAC BOTTOM 2-1/2"	8
37	5900D1	TERMNIAL, INSULATED BLUE	1
38	5900D3	TERMINAL, INSULATED YELLOW	2
39	5901D4	WIRE NUT, ORANGE IDEAL	7
40	5901D7	WIRE NUT, GREY IDEAL	4
41	5902D1	TERMINAL, RING BLUE #14-16	1
42	5943B3220	WIRE, BLK 18G	55"
43	5943B3229	WIRE, WHT 18G	47"



TITLE DIGITAL AIR VAC W/VALIDATOR, VR

REV	NO.	DESCRIPTION	DATE	BY

UNSPECIFIED TOLERANCES
1 PL ±.030
2 PL ±.010
3 PL ±.003
ANGLE ±1.0°

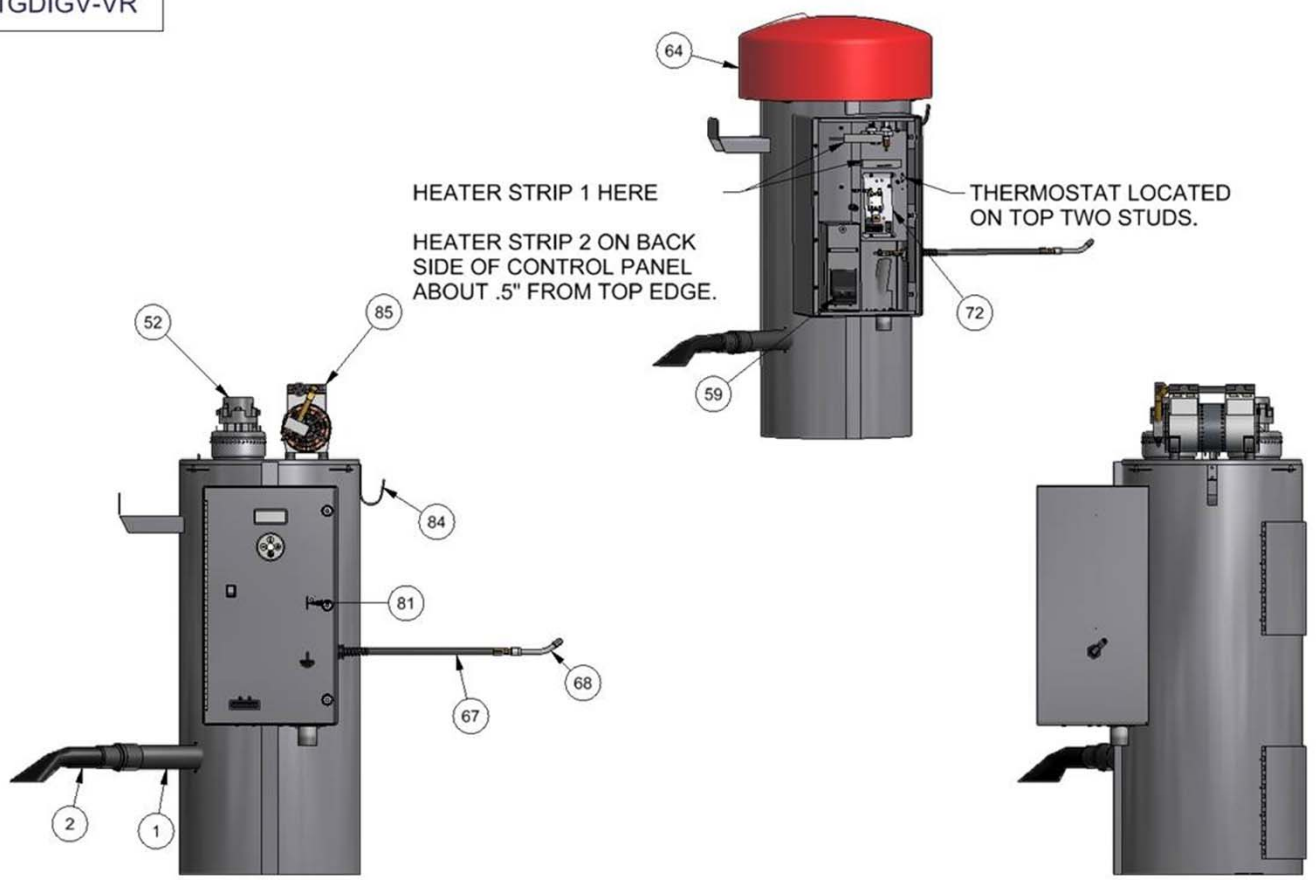
MATERIAL
SCALE
DRAWN BY JOHN F.
DATE 3/14/2011

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

PART NO. 9420-1GDIGV-VR
REV. -

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. 9420-1GDIGV-VR

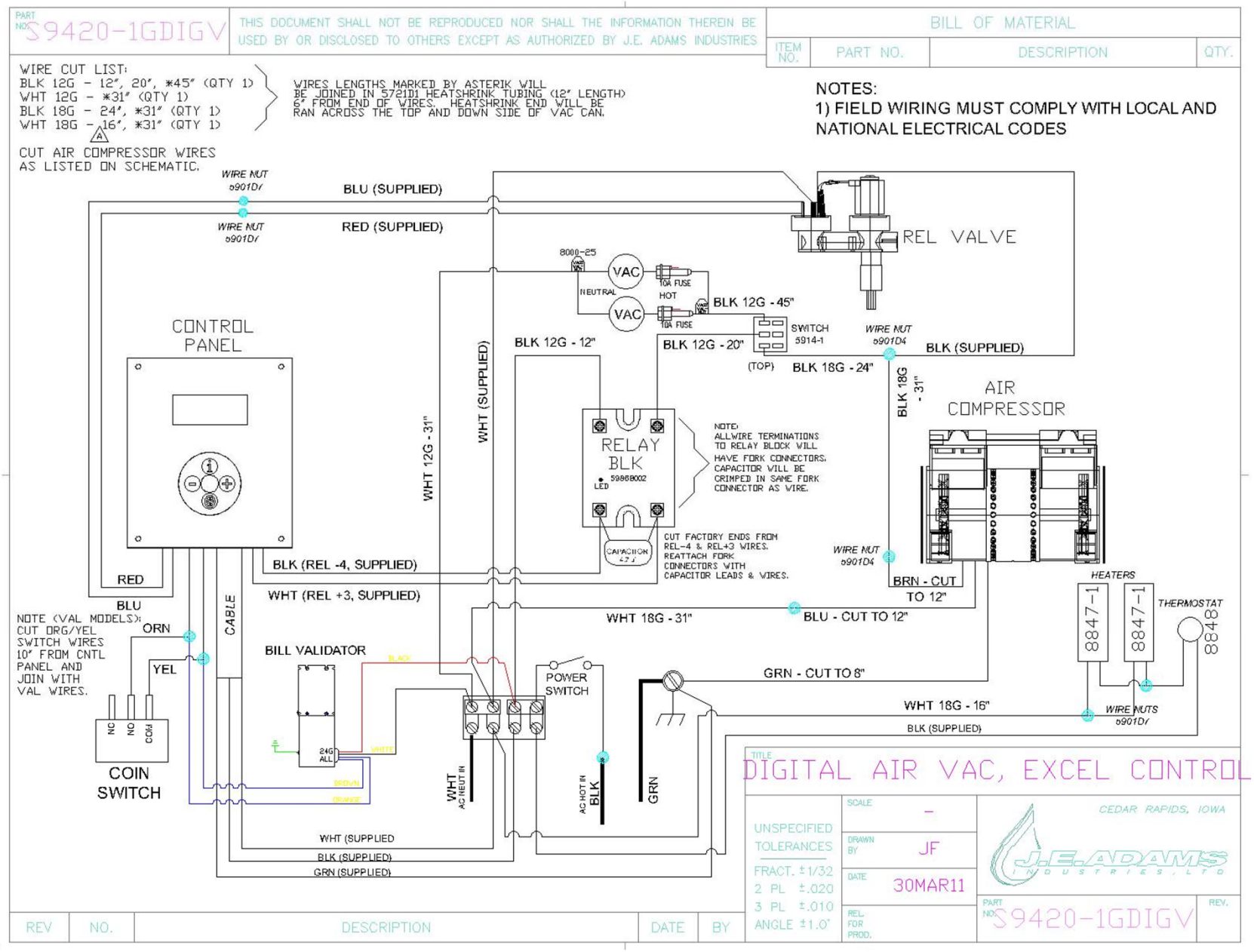


TITLE DIGITAL AIR VAC W/VALIDATOR, VR

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

UNSPECIFIED TOLERANCES		MATERIAL	CEDAR RAPIDS, IOWA
1 PL	±.030	SCALE	J.E. ADAMS INDUSTRIES, LTD
2 PL	±.010	DRAWN BY JOHN F.	
3 PL	±.003	DATE 3/14/2011	PART NO. 9420-1GDIGV-VR REV. ·
ANGLE	±1.0°		


PART NO. S9420-1GDIGV
THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION THEREIN BE USED BY OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY J.E. ADAMS INDUSTRIES
BILL OF MATERIAL
ITEM NO. | PART NO. | DESCRIPTION | QTY.
WIRE CUT LIST:
BLK 12G - 12", 20", *45" (QTY 1)
WHT 12G - *31" (QTY 1)
BLK 18G - 24", *31" (QTY 1)
WHT 18G - 16", *31" (QTY 1)
A
CUT AIR COMPRESSOR WIRES AS LISTED ON SCHEMATIC.
WIRES LENGTHS MARKED BY ASTERIK WILL BE JOINED IN 5721D1 HEATSHRINK TUBING (12" LENGTH) 6" FROM END OF WIRES. HEATSHRINK END WILL BE RAN ACROSS THE TOP AND DOWN SIDE OF VAC CAN.
NOTES:
1) FIELD WIRING MUST COMPLY WITH LOCAL AND NATIONAL ELECTRICAL CODES
WIRE NUT S901D/
BLU (SUPPLIED)
RED (SUPPLIED)
REL VALVE
8000-25
VAC
10A FUSE
NEUTRAL
HOT
BLK 12G - 45"
CONTROL PANEL
BLK 12G - 12"
BLK 12G - 20"
SWITCH 5914-1
(TOP)
WIRE NUT S901D4
BLK (SUPPLIED)
BLK 18G - 24"
BLK 18G - 31"
AIR COMPRESSOR
WHT 12G - 31"
WHT (SUPPLIED)
RELAY BLK
5986B002
LED
NOTE: ALL WIRE TERMINATIONS TO RELAY BLOCK WILL HAVE FORK CONNECTORS. CAPACITOR WILL BE CRIMPED IN SAME FORK CONNECTOR AS WIRE.
CAPACITOR 47J
CUT FACTORY ENDS FROM REL-4 & REL+3 WIRES. REATTACH FORK CONNECTORS WITH CAPACITOR LEADS & WIRES.
BLK (REL -4, SUPPLIED)
WHT (REL +3, SUPPLIED)
RED
BLU
BRN - CUT TO 12"
HEATERS
8847-1
8847-1
THERMOSTAT
8848
WHT 18G - 31"
BLU - CUT TO 12"
NOTE (VAL MODELS): CUT ORG/YEL SWITCH WIRES 10" FROM CNTL PANEL AND JOIN WITH VAL WIRES.
ORN
YEL
CABLE
BILL VALIDATOR
POWER SWITCH
GRN - CUT TO 8"
WHT 18G - 16"
BLK (SUPPLIED)
WIRE NUTS S901D/
NC
NO
COM
COIN SWITCH
24G ALL
WHT AC NEUT IN
AC HOT IN BLK
GRN
WHT (SUPPLIED
BLK (SUPPLIED)
GRN (SUPPLIED)
TITLE
DIGITAL AIR VAC, EXCEL CONTROL
UNSPECIFIED TOLERANCES
FRACT. ±1/32
2 PL ±.020
3 PL ±.010
ANGLE ±1.0°
SCALE -
DRAWN BY JF
DATE 30MAR11
REL. FOR PROD.
CEDAR RAPIDS, IOWA
J.E. ADAMS INDUSTRIES, LTD
PART NO. S9420-1GDIGV
REV.
REV | NO. | DESCRIPTION | DATE | BY