OPW
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SERVICE MANUAL

MODELS 101 & 102

TELEPHONE 800-422-2525 In US
513-870-3315 Outside US
FAX 800-421-3297 In US
513-870-3157 Outside US

Revision 02/02
X32056

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GENERAL OPERATION

OVERVIEW

This manual has been prepared as an aid in installing, diagnosing, and repairing ECO BY OPW units in all of their configurations. In general they are supplied in two styles:

***Self Contained Units (with their own compressor)**
***Remote Units (operate off a remote compressor)**

Units may come with a variety of optional features. Please read closely to identify the components on your machine.

TECHNICAL SUPPORT

Our technical support staff is available at 1-800-422-2525 during normal business hours (7:00 - 6:00 E.S.T.) to answer any questions regarding machine operation, components or spare parts. When calling technical support **it is extremely helpful to have the serial number and the machine model number readily available.**

OPERATING INSTRUCTIONS

1. Activate unit by pressing the push button or dropping coin.
2. Apply chuck to the tire and check pressure. **NOTE:** Hand gauges are rarely accurate. A properly calibrated gauge is recommended to ensure safe and proper inflation.
3. To add air squeeze gauge.
4. When finished inflating, replace hose.

UNPACKING

Immediately inspect your unit for concealed loss or damage, which occurred in transit. If any such condition is found contact the carrier's agent and file a claim immediately. There is a specific time limit for requesting a claim.

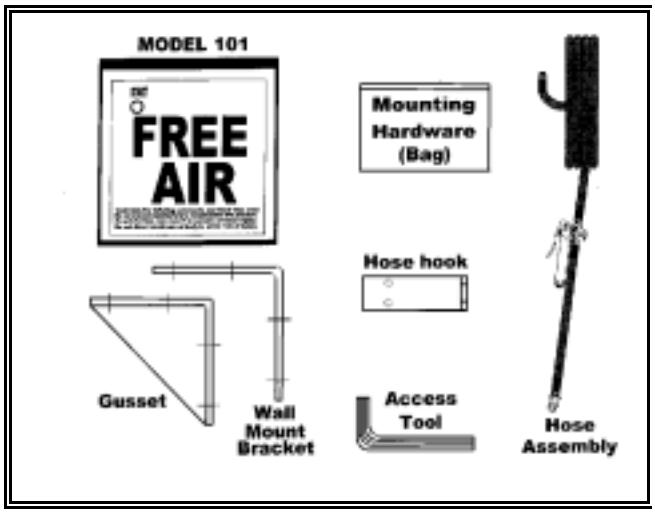
ECO BY OPW strongly recommends that you save the original factory packaging. For some models warranty service requires that you return the unit to the factory via UPS. Factory packaging should prevent damage in shipment. If you require new packaging contact the factory.

PACKING LIST

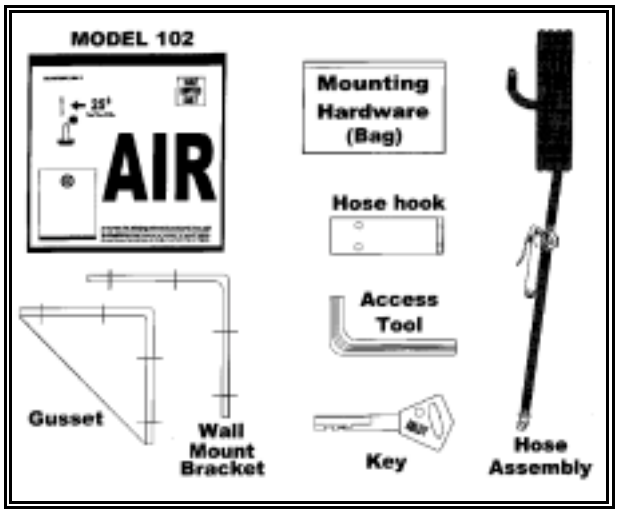
Check the contents of your shipment against the diagram below. If you have any questions or any parts are absent please contact the factory immediately.

**** Note: The gusset and wall mount bracket is optional -- (for wall mounting only).**

MODEL 101



MODEL 102



101 / 102 HARDWARE PACKET

QTY	PART#	DESCRIPTION	CONNECTION
4	33109	_-20x3/4 Flush Mount Stud	Gusset to Wall Mount Bracket
4	30617	_-20 Nuts W/Lockwashers	Gusset to Wall Mount Bracket
4	817137	_" Flat Washer	Gusset to Wall Mount Bracket
2	816253	5/16-18x3/4 Hex Head Bolt	Hose Hook to Machine
6	30023	5/16 Lockwasher	Machine Mount and Hose Hook
3	817429	Wire Connectors	Machine To Bracket Or Post
1	30029	5/16 Nut	Machine To Bracket Or Post
4	33122	Washer Rubber 3/8 X 1 In. Dia	Machine To Bracket Or Post
3	30030	5/16-18x1 Hex Head Bolts	Machine To Bracket Or Post
1	32151	5/16-18x1 Flush Mount Stud	Machine To Bracket Or Post
4	33125	3/8x3" Concrete Sleeve Anchor	Wall Mount Bracket To Wall
4	33127	3/8 Flat Washer	Wall Mount Bracket To Wall
4	33128	3/8 Nut	Wall Mount Bracket To Wall

INSTALLATION

STEP BY STEP OVERVIEW

÷		INSTALLATION CHECKLIST
	1	Prepare site in accordance with Site Preparation And Assembly Instructions.
	2	Install proper power lines as per Electrical Service.
	3	Run supply lines (air and / or water) if needed per Installation of Supply Lines.
	4	Install wall mount bracket or post and mount cabinet. (See Mounting)
	5	(Water Option only) Install water valve in post and connect. Connect hose and hang up.
	6	Push START button or insert quarter(s). Check operation.

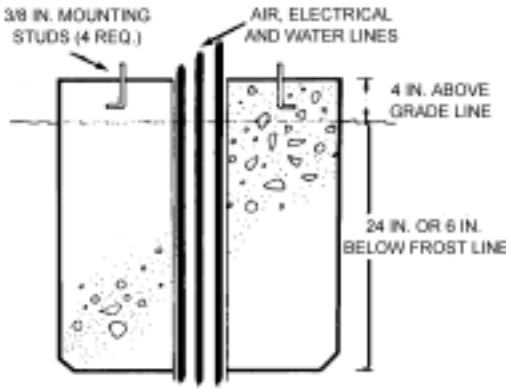
SITE PREPARATION

SITE SELECTION

Before selecting a location, refer to the Electrical Code information. Also make sure you are in compliance with local codes.

****IMPORTANT NOTE** - Never install this equipment where its use cannot be observed and/or supervised. Unobserved equipment invites vandalism and theft.**

SITE PREPARATION



ECO BY OPW tire inflators should be mounted on a 26" X 26" concrete pad which should extend 4" above, and 24" below grade level, or 6" below frost line, whichever is deeper.

Utility Requirements:

Outdoor approved electrical conduit. Refer to electrical specification information on specific machine installation requirements and air supply line for units without on-board compressor (remote). Air line for remote air service 1/4" MPT. Water line for water service units equipped with 1/4" MPT.

ELECTRICAL SERVICE

SPECIFICATIONS

ECO BY OPW Tireflators are not classified for use in Class I locations. Accordingly, if installed within 20 feet of a gas dispenser, the unit must be placed so that the compressor is 18 inches away from the gas dispenser and 18 inches above ground level. All motors in ground-mount units are already mounted well above the 18-inch Class I Division 2 requirement. All underground wiring must be installed in rigid metal conduit or threaded steel intermediate

conduit. Rigid non-metallic conduit complying with Article 347 (NEC 1993) is permitted where buried under not less than 24 inches (610 mm) of earth.

Where rigid non-metallic conduit is used, threaded rigid metal conduit or threaded steel intermediate metal conduit shall be used the last 24 inches (610 mm) of the underground run to emergence or to the point of the connection to the underground raceway. An equipment-grounding conductor shall be included to provide electrical continuity of the raceway system and for ground of non-current-carrying metal parts. All underground and branch circuit wire should be type THHN or THWN solid wire.

CONNECTIONS & GROUNDING

This product should be connected to a grounded, metallic, permanent wiring system, or equipment grounding terminal lead on the product. Each tireflator should have a separate branch circuit as below.

			Copper Wire Gauge for Length of Run From Breaker	
	Circuit Protection (115V)	AMP Rating	0 – 50ft.	50 – 200ft.
Without Compressor	5A	.07	14	14
With Thomas Compressor	20A	10.6	12	10
With Vacuum Only (2000V)	15A	10.0	12	10
Combination Air & Vac	30A	20.6	10	10

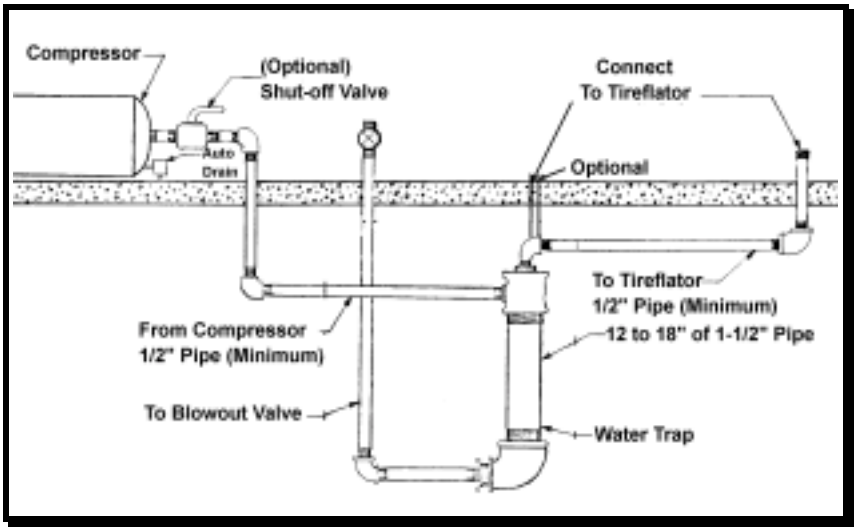
NOTE: Voltage at the unit must be within +/- 10% of the motor nameplate voltage (115V). Undersized circuits or wiring can lead to premature motor failure or circuit breaker tripping.

INSTALLATION OF SUPPLY LINES

(REMOTE AIR UNITS ONLY) Before connecting any ECO by OPW tireflator completely clear air lines with pressurized air. Clean, dry air is required for all installations. Pipe scale, water and other contaminants will be pumped through the unit into customer tires and can damage components within the machine. Water in the lines or tank will collect in the hose and can cause the chuck to freeze.

NOTE: If air compressor is installed in basement, slope supply pipe toward compressor. No water trap is necessary.

AIR SUPPLY LINES



An automatic drain on the tank is strongly recommended. If an automatic drain is not installed, the tank must be drained frequently. All sections of supply line should be below the frost line and slope toward water trap as shown. A valve should be attached to the outlet pipe and trap should be blown out frequently.

MOUNTING

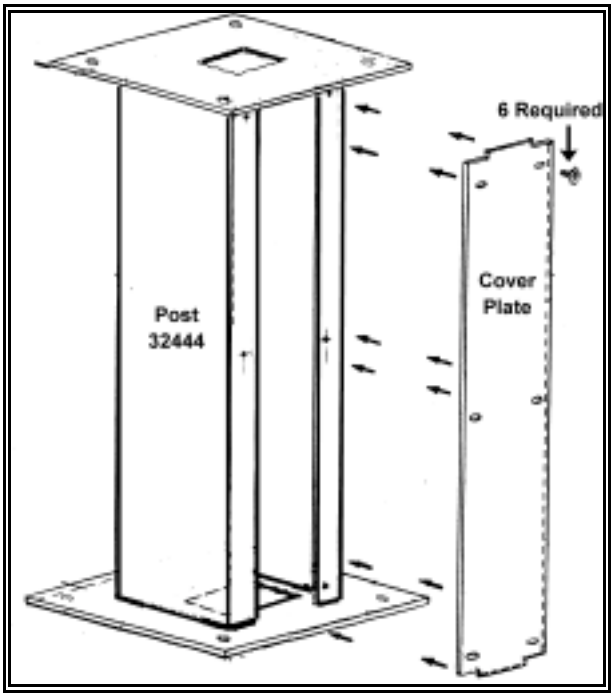
INSTALLATION BOLT PATTERNS

WALL		POST	
WIDTH	HEIGHT	WIDTH	HEIGHT
8.00	8.00	8.75	8.75

UTILITY LOCATIONS

For wall mount units utility inlets should be run to a position 14" above and 1" left of the upper left of the mounting pattern. For post mount units the utility inlets should be in the center of the concrete pad.

POSTMOUNT (Assembly to Ground)



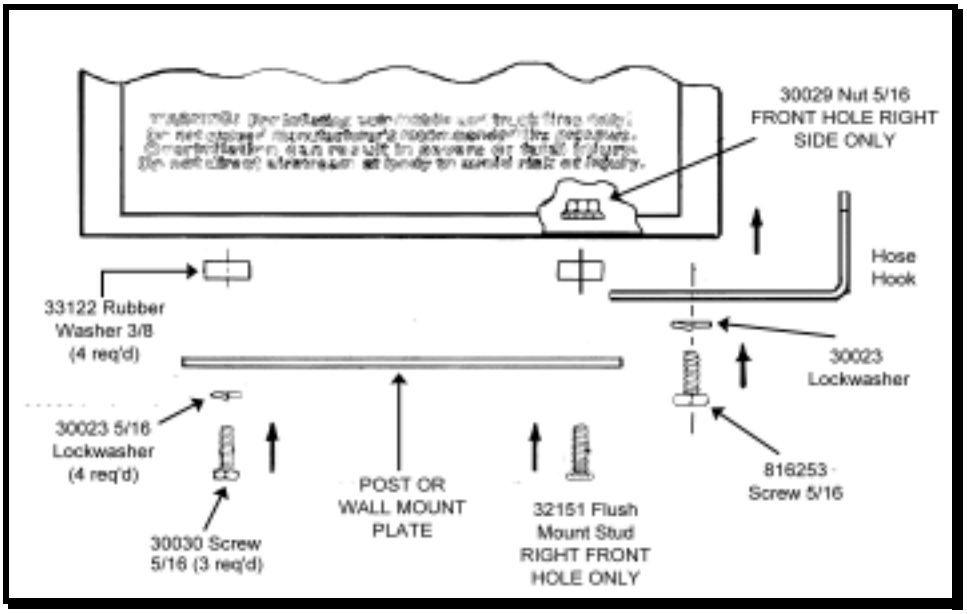
1. Use a carbide drill bit with a 3/8" diameter and drill 4 holes 1.5 to 2.0 inches deep. NOTE – The hardware provided is to be used on solid concrete only. Use the correct mounting anchors for the surface selected for your installation. Mounting pattern is 8.75 x 8.75 square. A 4" diameter hole must be provided in the center of the pad to route electrical and optional air and water service to the machine.

2. Place nut on end of anchor sleeve and tap sleeves into holes. When sleeves bottom out, remove nuts. Slide post over exposed ends of sleeve anchors. Mount post to pad with flat washers and nuts (3/8) supplied in the hardware package. DO NOT OVERTIGHTEN!

3. Secure base of post to the concrete pad.
4. Remove the machine cover using the access tool provided (8 screws and washers)
5. Insert rubber washer mounts between unit and post. (See Machine Mounting)
6. Secure the unit to the post using the hardware provided (3 bolts and 1 flush mount stud with nut)
7. Route power cord through bottom of machine to base of post. Make electrical connection with incoming power.
8. (Remote units only) Route air hose through machine to base of post. Make connection to incoming air supply (1/4" MPT fitting).
9. Install cover plate on post as shown.
10. Replace cover on unit.
11. Start unit by pushing button or dropping quarter. Check for loose hardware or excessive vibration.

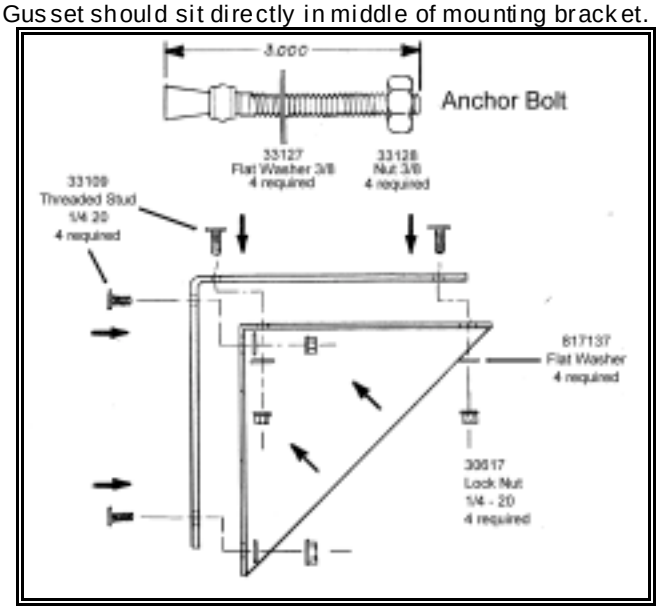
****NOTE** Before tightening mounting nuts make sure post is plumb and base plate is level.**

MACHINE MOUNTING - POST OR BRACKET



WALL MOUNT

1. Select a flat vertical surface within view of the station attendants.
2. Mount gusset to wall mount bracket (See Drawing). Gusset should sit directly in middle of mounting bracket.
3. Using the supplied wall mount bracket as a template drill four (4) holes in wall. The bracket should be located approximately 32" from ground level to the top surface of the bracket.
4. An additional 2" hole is required for utilities. This should be run approximately 14" above and 1" left of the upper left hole in the mounting pattern.
5. Use a 3/8" carbide drill bit and drill 4 holes 1.5 to 2.0 inches deep. **NOTE – The hardware provided is to be used on solid concrete walls only. Use the correct mounting anchors for the surface selected for your installation.**
6. Place nut on end of anchor sleeve and tap sleeves into holes. When sleeves bottom out, remove nuts
7. Slide bracket over exposed ends of sleeve anchors. Mount bracket to wall with flat washers and nuts (3/8) supplied in the hardware package. DO NOT OVERTIGHTEN!



8. Remove cover of unit using access tool provided (8 screws).
9. Remove electrical access plug in upper back of cabinet.
10. Rest complete unit on the wall mount bracket
11. Route 110-volt electrical cord through access hole. Connect to incoming power.
12. (Remote units only) Route air hose through access hole. Connect to incoming air supply.
13. Insert rubber washers over mounting holes between the cabinet and the bracket. Bolt cabinet to mounting bracket using 3 bolts and the flush mount stud with nut. (See Machine Mounting)
14. Install hose hook bracket. Hang up air hose.
15. Re-install cover on unit.
16. Start unit by either pushing button or inserting quarter(s). Check for proper operation

**** NOTE ** - Before tightening mounting nuts make sure bracket is plumb and level. Shim if necessary.**

TROUBLESHOOTING

OVERVIEW

This guide lays out a simple, step-by-step guide to isolating and solving technical problems that will ensure that the unit is repaired properly and completely the first time. ECO BY OPW tire inflation products come in a variety of configurations. There are three major component areas which may fail:

- Electrical / Switches
- Compressor
- Mechanism (Optional Feature)

Units may have any combination of the above components to meet the requirements of the installation. To properly diagnose problems which may arise, the service technician must first...**ISOLATE THE PROBLEM.** This guide lays out a simple, step-by-step guide to isolating and solving technical problems that will ensure that the unit is repaired properly and completely the first time. In order to isolate the problem follow this guide to first check all electrical components. If the unit you are working on does not have a particular component skip to the next section. If all of the electrical components are operating correctly and your unit has a balanced inflation mechanism (optional feature) move on to the MECHANISM section.

CHECK POWER

Before checking electrical components first confirm that the installation of the unit conforms to the electrical specifications and connections detailed in the installation section of this manual.

!! WARNING !!

DO NOT attempt to service or repair this unit unless ALL ELECTRICAL POWER HAS BEEN DISCONNECTED. Install a wall-mounted safety switch near the unit. The switch should be enclosed in a box that may be locked in the OFF position. ALWAYS place the switch to OFF and LOCK the switch BEFORE servicing the unit.

FAILURE TO OBSERVE THIS SAFETY PRECAUTION MAY RESULT IN FATAL ELECTRICAL SHOCK OR PROPERTY DAMAGE.

CHECK ELECTRICAL COMPONENTS/SWITCHES

1. Activate unit (push button or drop coin(s))
2. If compressor switches on (self-contained compressor) or solenoids open (remote compressor) then skip to **COMPRESSOR**.
3. If the unit does not come on then see **ELECTRICAL**.

CHECK COMPRESSOR

1. Check compressor CFM and PSI output with a gauge of known accuracy.
2. If compressor output is below requirements or if compressor operates intermittently then see **COMPRESSOR**.

ABBREVIATED ELECTRICAL TROUBLESHOOTING GUIDE

Note - This section is designed to help isolate and troubleshoot problems with electrical components (switches, timers, and compressors). More detailed information concerning individual electrical components is available in the Component section of this manual.

ELECTRICAL

PROBLEM	SOURCE	TEST	REPAIR
UNIT WILL NOT START	No power	Breaker Tripped	Reset and retest
	Inadequate power	Check voltage and circuit for 120 volts at Timer	Restore power
	Coin Drop Failure	Check Micro switch continuity	Replace
		Trip wire missing, broken, or out of adjustment.	Repair or replace.
	Pushbutton Failure	Test continuity with pushbutton depressed.	Replace defective switch
	Timer failure	Activate timer with pushbutton or coin drop. Check voltage at terminal 9.	Replace timer with 31211 timer kit (standard) or 33031 (multicoin)
	Compressor failure	Hook up compressor direct to power.	If compressor runs, timer or switch is bad. If compressor does not run make sure the thermal overload is not tripped. (automatic reset when motor cools) If it is not – replace compressor.

COMPRESSOR

Problem	*Source*	*Test*	*Repair*
EXCESSIVE VIBRATION	Improper installation	Check installation for loose mounting or worn vibration mounts	Re-tighten hardware or replace vibration mounts
NO AIR PRESSURE	Chuck frozen	Remove chuck and restart. Air should flow freely out hose.	Keep extra chuck at location to switch with frozen
LOW AIR PRESSURE	Leaks	Check loose fittings	Tighten or replace.
	Dirty compressor filter	Examine compressor filter	Replace
	Worn compressor	Make sure compressor is putting out at least 50 psi	Repair / rebuild compressor.
COMPRESSOR RUNS INTERMITTENTLY	Compressor overheating	Check compressor fan. Check for blocked vents.	Replace fan. Clear vents.
	Power supply problem	Check incoming power versus electrical requirements.	

ELECTRICAL COMPONENT INFORMATION

SOLENOIDS (REMOTE UNITS ONLY)

Solenoids are used in ECO by OPW tire inflators to control a remote air or water source. To check solenoid switch:

1. Check to insure that unit has proper incoming electric and air supply.
2. Activate unit (push button or drop coin(s)).
3. The solenoid should open for the factory pre-set time (2 to 5 minutes).
4. If no air is supplied or if solenoid "hums," debris has fouled the valve gate and the solenoid must be replaced.

REPLACEMENT PARTS

31653	Solenoid Assembly (Air or Water)

PUSH BUTTON

The push button contact activates the timer in a free air machine. To test continuity:

1. Depress center of mounting for the switch.
2. Test continuity at the electrical contacts of the switch.
3. If there is no continuity when center of switch is depressed, replace contact.

REPLACEMENT PARTS

33189	Kit Button Base/Contact (push button units)

COIN ACCEPTOR

Unit Does Not Come On When Coin Is Dropped:

1. Check power connections from coin drop to timer.
2. Check for loose connections to the coin drop (2 wires).
3. Coin trip wire is out of adjustment. If wire is adjusted properly, you should hear one click pushing down on trip wire to activate and one click on the way back up. There should be about 1/16" to 1/8" clearance from coin drop housing to trip wire on the second click on the way back up. Wire can be adjusted by bending to allow proper clearance.
4. Test switch - check continuity across terminals when switch is activated.

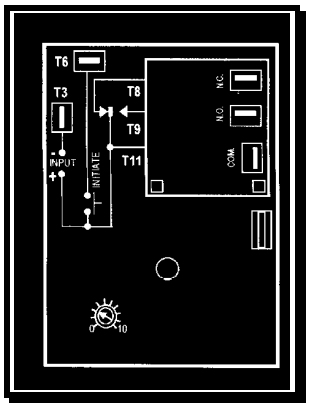
Unit Will Not Turn Off At End Of 5 Minutes:

1. Check coin drop trip wire to make sure it clicks off. Bend tip of wire gently downward to adjust. Test with a quarter.
2. Check all connections for tightness. Use of wall receptacle is not recommended. However, if power plug is used check plug connections.
3. Check timer. See Timer.

REPLACEMENT PARTS

31666	Coin acceptor Imonex (102 W/ Recessed coin door & all 2000 vacs
33378	Micro switch for 31666 coin drop
31760	Coin acceptor square with slot (102 W/Hinged access door & single drop 708 vacs)
31181	Coin acceptor square with slot (double drop 708 vacuums only)
33054	Token acceptor square with slot (102 W/Hinged access door & single drop 708 vacs)
33055	Token acceptor square with slot (double drop 708 vacuums only)
33037	Micro switch for 31760 / 31181 / 33054 / 33055 coin drops

TIMERS



All cabinet style units (self-contained or remote) are supplied with a solid state timer with a variable time set resistor. Run time is preset at the factory. To check timer operation:

1. Check incoming power (T11) See Electrical Specifications.

2. Check to make sure pushbutton switch or coin drop is working then activate timer with the button or coin drop. There should now be voltage on terminal T9. If there is not, then replace timer with appropriate kit. The resistor is built into the timer. IF the unit does not time out properly the complete timer must be replaced.

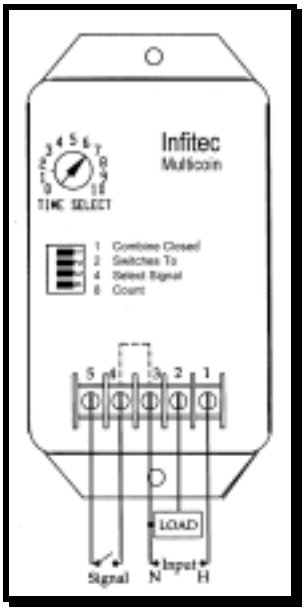
3. For multicoin timers only - check to make sure the dip switch settings match the intended # of coins required to activate the unit. (i.e. Dip # 2 for 50 cent operation).

WIRING LOCATIONS

WIRE LOCATION	TERMINAL
ALL UNITS	
Incoming Power	
Black Wire	T11
White Wire	T3
Ground Wire	Center of timer*
REMOTE AIR UNITS	
Pushbutton or Coin Drop Switch	
Wire1	T11
Wire2	T6
Remote Air Solenoid (N.C.)	
Wire1	T9
Wire2	T3
Coin Counter (Optional)	
Wire1	T9
Wire2	T6
SELF-CONTAINED UNITS	
Pushbutton or Coin Drop Switch	
Wire1	T11
Wire2	T6
Compressor	
Blue Wire	T9
Brown Wire	T3
Coin Counter (Optional)	
Wire1	T9
Wire2	T6
* Note: Incoming ground wires can be connected to the side of the	

timer enclosure in some units.

INFITEC MULTICOIN TIMER



WIRE LOCATION	TERMINAL
ALL UNITS	
Incoming Power	
Black Wire	T1
White Wire	T3
Ground Wire	Side of the timer enclosure
REMOTE AIR UNITS	
Remote Air Solenoid (N.C.)	
Wire1	T2
Wire2	T3
SELF-CONTAINED UNITS	
Coin Drop Switch	
Wire1	T4
Wire2	T5
Compressor	
Blue Wire	T2
Brown Wire	T3
Coin Counter (Optional)	
Wire1	T2
Wire2	T3

REPLACEMENT PARTS

31211	Timer Kit Infitec (120v)
31784	Timer Kit Infitec (220V)
33031	Timer kit Multicoin

COMPRESSORS

The Thomas compressor is designed to operate in conjunction with a pressure relief valve. Under normal operation the compressor will charge the hose and as the hose reaches a certain pressure the pressure relief valve will open relieving pressure". If the chuck is placed on a tire, the pressure drop in the hose causes the unloader to open allowing air to flow into the tire.

Specifications

Horsepower	**3/4**
Voltage	115V
Phase	1
CFM @ 0 PSI	3.78
CFM @ 90 PSI	2.14
Max Amp Draw	10.6
Outlet Pressure	125

Preventive Maintenance

These compressors are oil-less with teflon rings and piston sleeves. DO NOT LUBRICATE THIS COMPRESSOR! The piston cups are designed to run dry and the grease packed sealed bearings require no additional lubrication. Replace compressor air filter every 6 months or sooner in dusty locations.

Pressure Relief Valve

All ECO BY OPW machines are supplied with a pressure relief valve to protect the compressor. DO NOT REMOVE THIS VALVE.

!! WARNING !!

DO NOT REMOVE OR PLUG THIS VALVE! The valve is designed to relieve head pressure. Removing or blocking this port can cause irreparable damage to the compressor!

Troubleshooting

Compressor Will Not Start:

1. Unit not plugged in, wiring connections loose or circuit breaker tripped. (20-amp delay type circuit breaker recommended.)
2. Hook up compressor direct to power, bypassing timer and start button. If unit will not start, thermal overload switch has tripped. (This switch automatically resets when motor cools, see below.)
3. If compressor starts and runs properly when hooked direct to power, timer is defective and should be replaced.

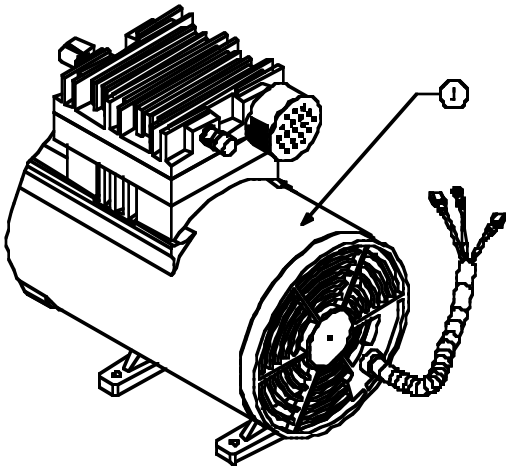
Compressor Starts and Runs But:

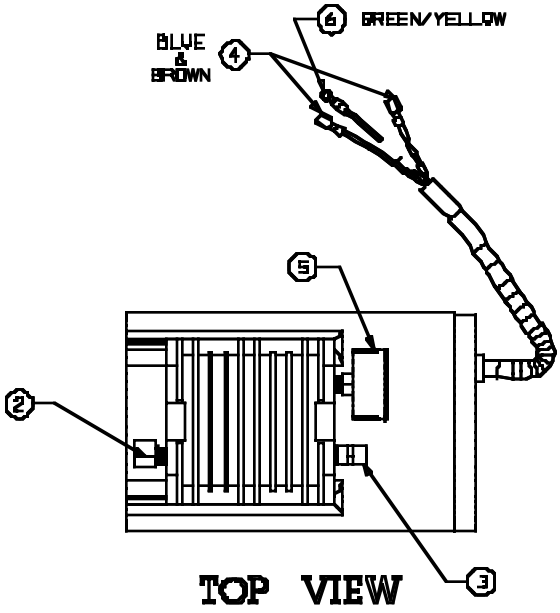
1. Operation is intermittent - usually motor overheats causing circuit breaker or internal thermal overload switch to trip. (This switch automatically resets when motor cools.)
   a) Check for proper voltage (115V +/- 10%) and amp draw. High amp draws are caused by overloaded branch circuits or undersized power wires for length of run.
   b) Check for proper output pressure - Air should relieve at the valve when the unit reaches its max pressure. If no air escapes, the valve has failed or the compressor piston is worn. **WARNING!! OPERATING THIS EQUIPMENT WITOUT A PRESSURE RELIEF VALVE WILL CAUSE IRREPARABLE DAMAGE TO THE COMPRESSOR!!!**
   c) Check for blocked air vents - a high heat environment or lack of ventilation will shorten the life of your compressor.

2. Air pressure generated is below 50 psi.
   a) Check for loose fittings.
   b) Clean air filter.
   c) Piston cup may be worn or damaged. Estimated service life - 10,000 hours minimum.
   d) Check head gasket.

THOMAS COMPRESSOR SUB-ASSEMBLY

	PART #	DESCRIPTION	QTY
1	X30373	COMPRESSOR, 3/4 HP THOMAS 1/6/1	1
2	X30676	ELBOW, 90 DEG X 1/4 NPT, BRASS	1
3	X32200	PRESSURE RELIEF VALVE, 100PSI	1
4	X30577	TERMINAL, 1/4 FEMALE QUICKSLIDE	2
5	X40382	AIR FILTER, THOMAS	1
6	X31648	TERMINAL, RING	1





SERVICE / REPLACEMENT PARTS

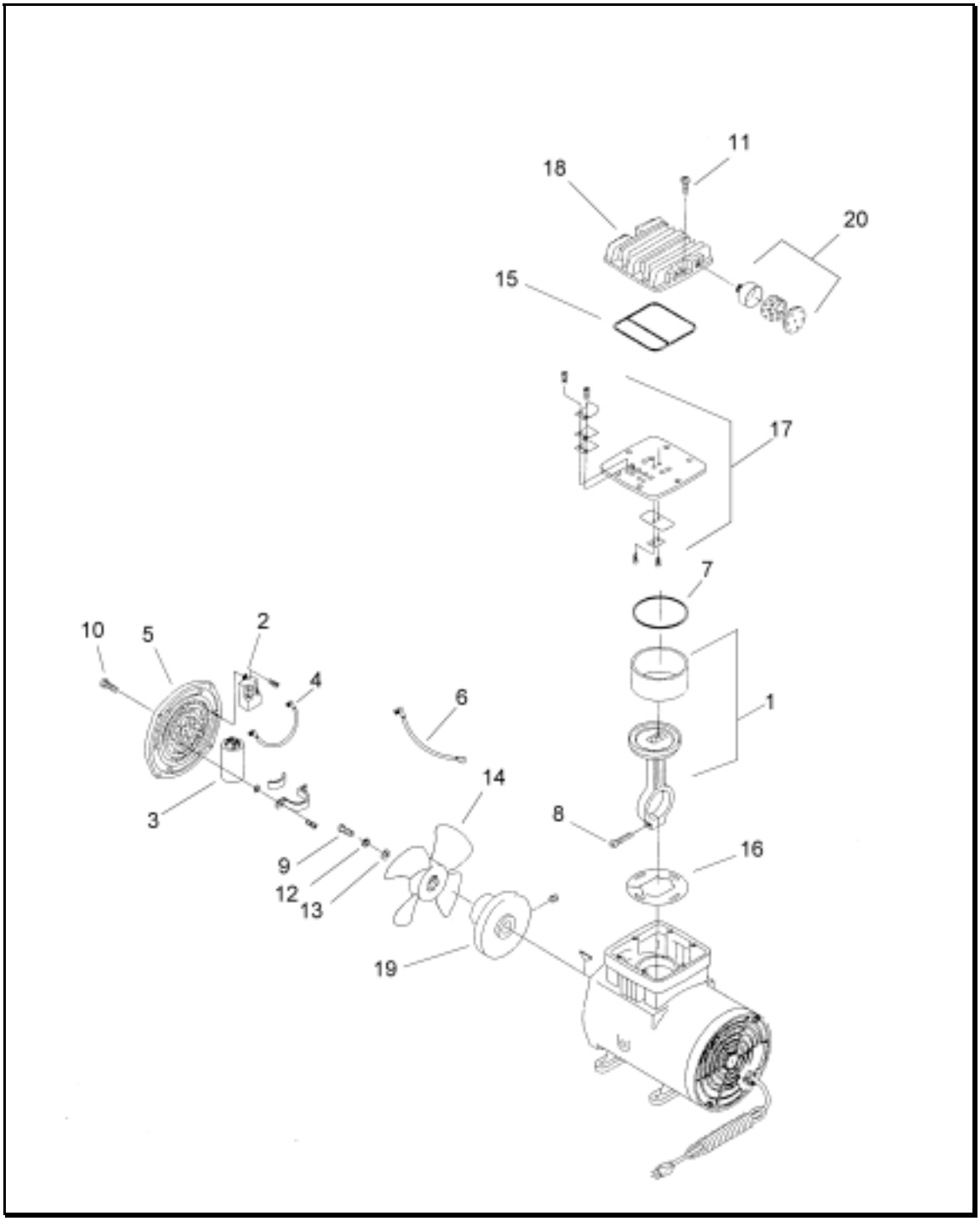
DIAGNOSTIC KITS

32596	CFM Gauge Kit
30446	Master PSI Gauge Kit

COMPRESSOR

	Part #	Description	QTY
1	X40397	Connecting Rod Assembly	1
2	X40398	Relay, 115V 60 Hz	1
3	X40399	Capacitor	1
4	X40400	Lead Wire Assembly- Blue	1
5	X40401	Front Cover	1
6	X40402	Lead Wire Assembly- Brown	1
7	X40403	O-Ring- Valve Plate	1
8	X40404	Screw-Connecting Rod	1
9	X40405	Screw-Fan	1
10	X40406	Screw-Front Cover	4
11	X40407	Screw-Head	6
12	X40408	Lock-washer	1
13	X40409	Washer-Fan	1
14	X40410	Fan	1
15	X40411	O-Ring- Head	1
16	X40412	Dust Shield	1
17	X40413	Valve Plate Assembly	1
18	X40414	Head	1
19	X40415	Eccentric, Bearing, & Set Screw Assembly	1
20	X40382	Air filter Assembly	1

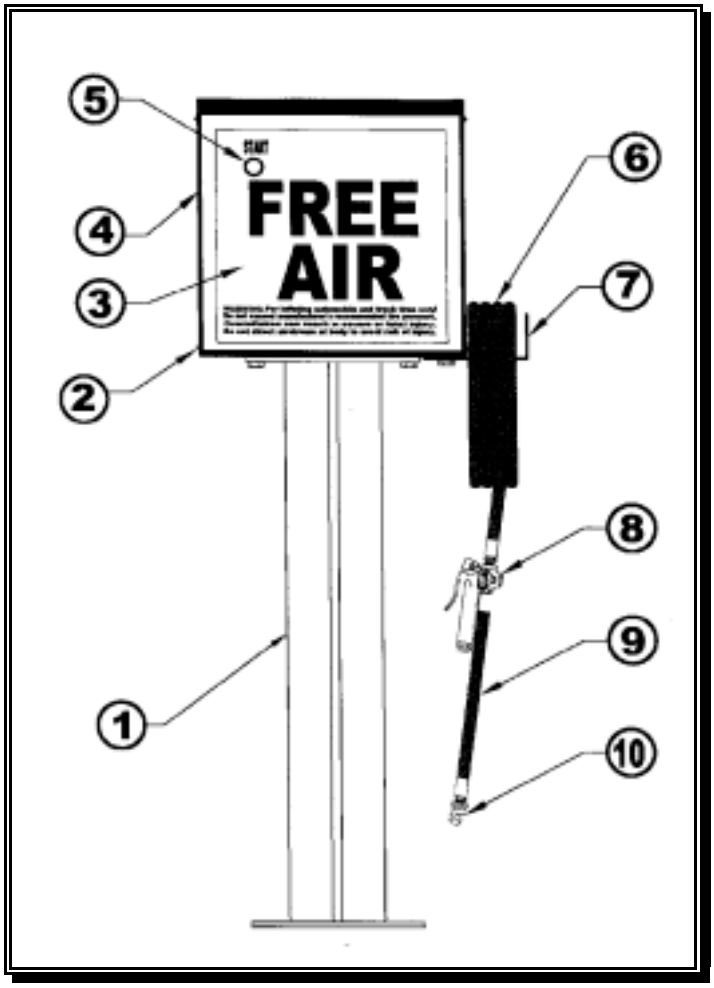
THOMAS COMPRESSOR ASSEMBLY



PARTS IDENTIFICATION

MODEL 101 OUTSIDE VIEW

Ref#	Part Name	Part#
1	Post	32444
2	Screws Security Button Head (Qty 8)	33075
2A	Washers (Qty 8)	938628
3	Face 101	33076
4	Cover SS	33084
5	Push button/Contact	33189
6	Hose 25ft Cut Resist Goodyear	30947
7	Hose Hook	33130
8	Gauge 95 psi	31887
9	Hose Whip	31885
10	Chuck Free Flow Ball Foot	31886
	Hose Assembly With Gauge (6,8,9,10)	33120

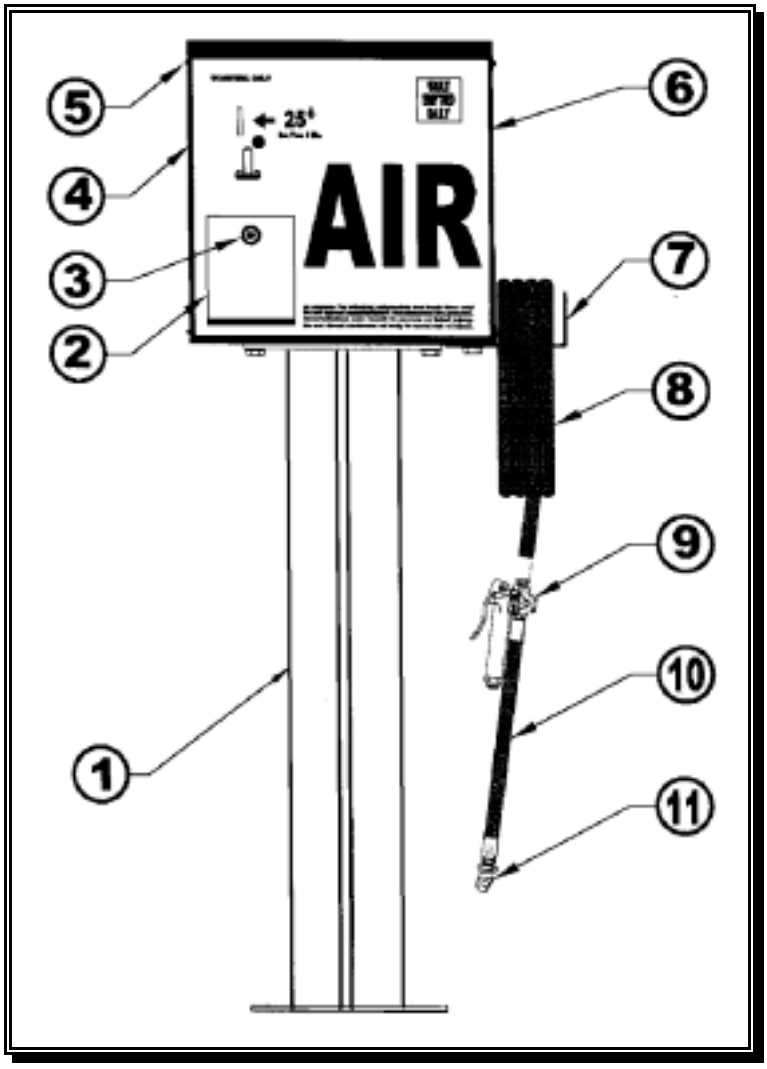


MODEL 101 INSIDE COMPONENTS

Ref#	Part Name	Part#
1A	Thomas Compressor Assembly, 120V 60hz 1ph	40364
1B	Thomas Compressor Assembly, 2/5/1 220V 50hz 1 ph	33224
2	Hose Hook	33130
3	Timer	31528
4	Push Button / Contact Black	33189
5	Compressor mounting hardware	
	Screw 1/4 x 1/2 Hex (Qty 4)	816214
	Lock washer (Qty 4)	31828
	Vibration mount (Qty 4)	33081

MODEL 102 OUTSIDE VIEW

Ref#	Part Name	Part#
1	Post	32444
2	Coin Box Access Door	33357
3	Lock	30588
3A	Lock Spacer (Not Shown)	33301
3B	Lock Cam (Not Shown)	33306
3C	Key (Not Shown)	33322
4	Cover SS	33084
5	Screw Security Button Head (Qty 8)	33075
5A	Washer 1/4 Flat SS (Qty 8)	938268
6	Face 102 (.25 Cents)	33095
7	Hose Hook	33130
8	Hose 25ft Cut Resist Goodyear	30947
9	Gauge 95 psi	31887
10	Hose Whip	31885
11	Chuck Free Flow Ball Foot	31886
	Hose Assembly With Gauge (8,9,10,11)	33120



MODEL 102 INSIDE COMPONENTS

Ref#	Part Name	Part#
1A	Thomas Compressor Assembly, 102CK 120V 60hz 1 ph	40364
1B	Thomas Compressor Assembly, 102CKM 120V 60hz 1 ph	40383
1C	Thomas Compressor Assembly, 102CK 220V 60hz 1 ph	33224
2	Hose Hook	33130
3	Timer, Single Coin	31528
4A	Timer, Multi Coin	33031
4B	Timer, Single Coin 220V	31719
5	Coin Acceptor	31666
6	Coin Drawer	33363
7	Compressor mounting hardware	
	Screw 1/4 x 1/2 Hex (Qty 4)	816214
	Lock washer (Qty 4)	31828
	Vibration mount (Qty 4)	33081

REPLACEMENT PARTS - GENERAL

NOTE: For parts breakdowns and more detailed spare parts listings check the appropriate component section of this manual

DIAGNOSTIC KITSKITS

32596	CFM Gauge Kit
30446	Master PSI Gauge Kit

POST (Models 101 - 107)-600 SERIES REPAIR OR MODIFICATION

32444	Bottom Mount Post Assembly
70086	Post Guards Kit

HOSE REPAIR& HOSE REPAIR

30947	Wire braid hose Flexsteel 25' (Air or Water)
31311	Hose Assembly 25' With Ball Foot Sealing Chuck (For Mechanism Units)
30944	Hose Assembly 25' With Gauge, Whip and Non-sealing Chuck (For Non-Mechanism Units)
31886	Chuck, non-sealing type (Non-Mechanism Units)
31169	Chuck, ball foot sealing type (Mechanism Units)
30948	Gauge Hand Held With Whip and Non-sealing Chuck (For Non-Mechanism Units)
30653	Water Nozzle (For water hose option)
31114	Male Plug _ inch MPT for Quick Connect

KEYS / LOCKS / TOOLS/ LOCKS

30588	Abloy Lock (Model 102 W/ Recessed Coin Door)
33301	Spacer For 30588 Lock
33322	Key For 30588 Lock
33306	Cam For 30588 Lock
33151	Tubular Lock (Model 102 W/ Hinged Access Door)
33152	Key For 33151 Lock
33096	Cam For 33151 Lock
33108	Access Tool (101,102,103)
33029	Tubular Lock (Models 105, 106, 107, 108, 708)
33030	Key for 33029 Lock

WARRANTY

Notice: OPW products must be used in compliance with applicable federal, state, and local laws and regulations. Product selection should be based on physical specifications and limitations and compatibility with the environment and material to be handled. OPW makes no warranty of fitness for a particular use. All illustrations and specifications in this literature are based on the latest production information available at the time of publication. Price, materials, and specification are subject to change at any time, and models may be discontinued at any time, in either case, without notice or obligation.

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