EMAX designs and manufactures products for safe operation. However, operators and maintenance persons are responsible for maintaining safety. All safety precautions are included to provide a guideline for minimizing the possibility of accidents and property damage while equipment is in operation. Keep these instructions for reference.
EMAX Electric Operated, Piston Air Compressors

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EMAX Electric Operated, Two-Stage, 5-10 Hp Piston Air Compressors

<table>
<thead>
<tr>
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<td>Weight (±5 lbs.)</td>
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EMAX Electric Operated, Two-Stage, 15-25 Hp Piston Air Compressors

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<td>Max PSI</td>
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<td>Motor HP</td>
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<tr>
<td>Tank Size</td>
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<td>Pump Model</td>
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<td>Pump RPM</td>
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<td>Outlet Connection</td>
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<td>Weight (lbs.)</td>
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<td>1410</td>
<td>1500</td>
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<td>1512</td>
<td>1512</td>
<td>1609</td>
<td>1810</td>
</tr>
</tbody>
</table>

Description

Unit configuration and appearance varies by model.
Callouts are for general identification.

[Diagram of air compressor with callouts]
Safety

This manual contains very important information to know and understand. This is provided for SAFETY and to PREVENT EQUIPMENT PROBLEMS. To help understand this information, observe the following:

⚠️ **DANGER**  Danger indicates an imminently hazardous situation which, if not avoided, **will** result in death or serious injury.

⚠️ **WARNING**  Warning indicates a potentially hazardous situation which, if not avoided, **could** result in death or serious injury.

⚠️ **CAUTION**  Caution indicates a potentially hazardous situation which, if not avoided, **may** result in minor or moderate injury.

⚠️ **NOTICE**  Notice indicates important information, that if not followed, may cause damage to equipment.

---

**Basic Guidelines**

**CALIFORNIA PROPOSITION 65**

⚠️ **WARNING**  *This product or its power cord may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.*

1. Allow only trained, authorized persons who have read and understood these operating instructions to use this compressor. Failure to follow the instructions, procedures and safety precautions in this manual can result in accidents and injuries.

2. **NEVER** start or operate the compressor under unsafe conditions. Tag the compressor, disconnect and lock out all power to it to prevent accidental start-up until the condition is corrected.

3. Install, use and operate the compressor only in full compliance with all pertinent OSHA regulations and all applicable Federal, State & Local Codes, standards and regulations.

4. **NEVER** modify the compressor and/or controls in any way.

5. Keep a first aid kit in a convenient place. Seek medical assistance promptly in case of injury. Avoid infection by caring for any small cuts and burns promptly.

---

**Breathable Air**

1. **NEVER** use air from this compressor for breathable air except in full compliance with OSHA Standards 29 CFR 1910 and any other Federal, State or Local codes or regulations.

⚠️ **DANGER**  *Death or serious injury can result from inhaling compressed air without using proper safety equipment. See OSHA standards on safety equipment.*

2. **DO NOT** use air line anti-icer systems in air lines supplying respirators or other equipment used to produce breathable air. **DO NOT** discharge air from these systems in unventilated or other confined areas.

---

**Pressurized Components**

This equipment is supplied with a ASME designed pressure vessel protected by an ASME rated relief valve. Pull the ring **before each use** to make sure the valve is functional. Refer to figure 10. **DO NOT** attempt to open valve while the machine is under pressure.

---

**Personal Protective Equipment**

Be sure all operators and others around the compressor and its controls comply with all applicable OSHA, Federal, State and Local regulations, codes and standards relating to personal protective equipment. This includes respiratory protective equipment, protection for the extremities, protective clothing, protective shields and barriers, electrical protective equipment, and personal hearing protective equipment.

---

**Inspection**

Inspect compressor prior to any use. Check for external damage that might have occurred during transit. **Be careful of moving parts** then test pulley by turning it freely by hand. **Report any damage to delivery carrier immediately.**

⚠️ **CAUTION**  *Make sure pallet-mounted compressors are firmly secured to the pallet before moving. NEVER attempt to move a compressor that is not secure as serious injury or property damage could occur.*

A forklift may be necessary for unloading the EMAX compressor. Use all forklift safety measures and require a certified forklift operator. Refer to figure 1 for safe unloading procedure.
Forklift Safety

1. Make sure lift operator stays aware while moving compressor.
2. Be sure load is secure and well balanced before moving the compressor.
3. Make sure forks are fully engaged and level before lifting or moving compressor.
4. Keep load as low as possible and observe safe operating practices.

Lifting Safety

1. Carefully inspect all lifting equipment and make sure it is in good condition. Rated capacity should exceed compressor weight. Make sure lifting hook has a functional safety latch or equivalent and is properly attached to lifting feature.
2. Make sure lifting points are in good condition and tighten any loose nuts or bolts before lifting.
3. Use provided lifting feature or appropriate sling. A sling must be used when moving compressor with a helicopter or other air-borne equipment. Be sure to follow OSHA standards 29 CFR 1910 Subpart N.
4. Use guide ropes or equivalent to prevent twisting or swinging of the compressor while it is in the air and NEVER attempt to lift in high winds. Keep compressor as low to the ground as possible.
5. Keep persons away and make sure no one is under the compressor while it is lifted.
6. Only use lifting features provided for entire compressor package. NEVER use bolts or other hooks on individual components to move the compressor.
7. Make sure to put compressor on a level surface that can support the weight of the compressor and loading equipment.

**WARNING**  Do not operate unit if damaged during shipping, handling or use.

**Damage may result in bursting and cause injury or property damage.**

Installation

Area

1. Install compressor in a clean, dry and well-lit area. Be sure installation area can maintain a temperature range between 35° - 110° F.

**CAUTION**  If ambient temperature drops below 32°F, be sure to protect safety/relief valves and drain valves from freezing. NEVER operate compressor with temperatures below 15°F or above 125°F.

2. Allow sufficient space around compressor for maintenance access and adequate airflow. Mount unit with pulley towards wall and leave a minimum of 15 inches of clearance.
3. Use shims to level compressor if installation area is not flat. This will avoid excessive vibration and premature pump wear.

**DANGER**  DO NOT install compressor in boiler room, paint spray room, or area where sandblasting occurs. Make sure inlet air is away from exhaust fumes or other toxic, noxious or corrosive fumes or substances.

4. If acid is used in operating environment or air is dust laden, pipe intake to outside, fresh air. Increase pipe size by one size for every 20 feet of run. Be sure to install protective hood around intake filter.

5. In operating environments where excessive water, oil, dirt, acid or alkaline fumes are present, a TEFC (totally enclosed, fan cooled) motor is recommended. Check nameplate for motor type.

6. Insulate cold water or other low temperature pipes that pass overhead to avoid condensation dripping on compressor which could cause rust and/or motor shorting.

Piping

Safety Steps

1. Install appropriate flow-limiting valves as necessary according to pipe size(s) used and run lengths. This will reduce pressure in case of hose failure, per OSHA Standard 29 CFR 1926.302(b)(7).

2. Flow-limiting valves are listed by pipe size and rated CFM. Select appropriate valves accordingly, in accordance with the manufacturer's recommendations.
Piping / Tank Installation

1. Place tank feet on 1/4” thick rubber pads. Thicker padding will increase vibration and the possibility of cracking the tank or other unit damage. **Do not place unit on dirt floor or uneven surface.**

2. Fasten anchor bolts snugly but do not overtighten so normal vibration will not damage unit.

⚠ **DANGER** **Compressor unit is top heavy and must be bolted to solid, flat surface to avoid falling and premature pump wear. Splash lubrication will not operate properly if unit is not level.**

3. Use a flexible connector between compressor tank and piping system to minimize noise, vibration, unit damage, and pump wear.

4. Install appropriate ASME code safety valves and make sure piping system is equipped with adequate condensate drains. See figure 2. Refer to figure 3 for recommended closed loop installation.

5. Make sure any tube, pipe or hose connected to the unit can withstand operating temperatures and retain pressure.

⚠ **WARNING** **Never install a shut-off valve such as a glove or gate valve, between the pump discharge and the air tank unless a safety valve is installed in the line between valve and pump.**

6. Never use reducers in discharge piping. Keep all piping and fittings the same size in the piping system.

<table>
<thead>
<tr>
<th>SCFM</th>
<th>25 ft.</th>
<th>50 ft.</th>
<th>100 ft.</th>
<th>250 ft.</th>
</tr>
</thead>
<tbody>
<tr>
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<td>3/4</td>
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<td>125</td>
<td>1-1/4</td>
<td>1-1/4</td>
<td>1-1/2</td>
<td>1-1/2</td>
</tr>
</tbody>
</table>

**Minimum Pipe Size For Compressed Air Lines**

(Pipe size shown in inches)

**Plan View**
Closed loop system
Install tee fitting in piping from air supply to minimize pressure drop and to allow airflow in two directions.

**Elevation**
Air Drop:
Install tee fitting with branch to top to minimize condensation in air drop

**Figure 2: Basic Piping Diagram**

**Figure 3: Closed Loop Installation**

7. For permanent installations of compressed air systems, determine total length of system and select correct pipe size. Make sure underground lines are buried below frost line and avoid areas where condensation could build up and freeze.

8. Test entire piping system before underground lines are buried. Be sure to find and repair all leaks before using compressor.

⚠ **WARNING** **Never exceed recommended pressure or speed while operating compressor.**

**Electronic Auto Drain (if equipped)**
One auto drain can be used for multiple compressor units. Install necessary piping with appropriate fittings.
Improperly grounded electrical components are shock hazards. Make sure all the components are properly grounded to prevent death or serious injury.

9. Make sure proper overload protection for the motor is installed.

Wiring Installation
Install power leads into terminals opposite motor wires.

WARNING When wiring unit with magnetic starter, do not install power directly to pressure switch to avoid possible fire and property damage.

Ensure power supply and internal wiring is adequate according to voltage and frequency stated on motor nameplate and starter. Voltage should not vary more than 12% to ensure proper operation of compressor.

Single Phase Motors - No Magnetic Starter
1. Connect first power lead to 1L1.
2. Connect second power lead to 3L2.
3. Connect ground wire to existing motor ground wire.

Single Phase Motors - With Magnetic Starter
1. Connect first power lead to 1L1. Leave existing jumper wire installed. See Figure 6.
2. Connect second power lead to 3L2. Leave existing jumper wire installed.
3. Connect ground wire to ground lug.
4. Ensure all wiring and terminals are properly tightened.
Three Phase Motors (See figure 7)

1. Connect first power lead to 1L1.
2. Connect second power lead to 3L2.
3. Connect third power lead to 5L3.
4. Connect ground wire to existing motor ground wire.
5. Check for proper motor rotation. When facing motor shaft, pulley should turn counterclockwise. If rotation is reversed, turn off power then switch two power leads.

⚠️ CAUTION Ensure wiring is installed according to voltage required for proper motor operation (220V or 460V).

Operation

Safety Rules

1. Make sure all operators receive product training, read and understand all instructions.

⚠️ WARNING Keep all flammable, combustible, poisonous and noxious materials away from operating area. Make sure there are no oily rags, trash, leaves, litter or other combustible materials in operating area. Keep suitable, fully charged fire extinguishers nearby when servicing and operating the compressor.
Keep all persons away from the discharge opening of hoses or tools or other points of compressed air discharge. If the machine is installed in an enclosed area, be sure to vent the relief valve outside of the structure or to an unoccupied area.

11. DO NOT use air tools that are rated below the maximum rating of the compressor. Select air tools, air hoses, pipes, valves, filters and other fittings accordingly. DO NOT exceed manufacturer’s rated safe operating pressures for these items.

12. Make sure all hose connections are adequately secured to prevent tools or hose ends from being accidentally disconnected.

Start-Up

1. This unit is shipped with pump break-in oil and should be ready to operate. Be sure to check for proper oil level before operating the compressor. Oil should be in center of sight glass. See figure 8.

2. Check for proper belt tension. There should be 1/2 inch slack. Refer to maintenance section if adjustment is necessary.

3. Lightly push power switch to make sure system is working.

4. If motor shaft is not turning counter clockwise, disconnect power to terminal block then exchange any two of the three power leads. Re-check rotation.

Continuous Run Feature (if equipped)

For heavy use applications such as sandblasting, the continuous run feature is available. This feature keeps main feed line open to eliminate numerous motor starts/stops and to help cool pump.

To engage continuous run feature, open ball valve found by following copper tubing across cylinder heads to tank. See figure 9.

Stop continuous run feature by closing valve so compressor will start and stop according to pressure switch.

Maintenance

Safety Steps

1. Make sure repairs are done in a clean, dry, well lighted and ventilated area.

2. When cleaning, use air pressure less than 30 psig (2.1bar). NEVER use flammable solvents for cleaning purposes. Also use effective chip guarding and personal protective equipment per OSHA standard 29 CFR 1910.242 (b).

3. Relieve all internal pressure prior to opening any line, fitting, hose, valve, drain plug, connection or other component, such as filters and line oilers, and before refilling optional air line anti-icer systems with antifreeze compound.

4. Keep electrical wiring, including all terminals and pressure connectors in good condition. Replace any wiring that has cracked, cut, or otherwise damaged insulation. Replace terminals that are worn, discolored or corroded. Keep all terminals and pressure connectors clean and tight.
5. Keep all body parts and any hand-held tools or other conductive objects away from exposed live parts of the electrical system. When making repairs or adjustments, stand on a dry, insulated surface and DO NOT contact any other portion of the compressor.

6. DO NOT leave compressor unattended with exposed electrical components. Be sure to tag and disconnect all power if temporary absence is necessary.

**CAUTION**
Compressor components can become hot during operation. Avoid bodily contact with hot liquids, hot surfaces and sharp edges and corners.

**Belt Adjustment**

**WARNING**
Be sure to relieve all system pressure then lock out power and tag compressor to prevent unexpected movement of the unit.

Inspect belt tension after first 30 hours of operation then every 30 days.

1. Proper belt tension is determined by pressing on belt midway between motor pulley and flywheel. There should be approximately 1/2 inch of deflection.

2. Adjust belt tension as needed by loosening the four motor frame nuts then adjusting single bolt head on belt tensioner. See figure 11. Remember to tighten motor bolts after adjustment is made.

3. Always replace all belts with the same brand, at the same time. Make sure belts are unmatched. Do not replace belts independently.

**Changing Oil**

All units are shipped with break-in oil. Change oil within first 50 hours or 30 days of operation, whichever comes first. DO NOT use automotive type oil.

**NOTICE**
Use only Airbase Industries Oil (PN: APOL03000G1). Use of any other product will cause product damage and void the warranty.

Change oil every 90 days or if oil becomes milky.

**Safety Valve**

**DANGER**
NEVER attempt to regulate or tamper with safety valve. Valve is sealed and certified by ASME code and is designed to relieve system pressure when necessary.

Check proper operation of safety valve before each use. Refer to figure 12. If valve does not open manually, replace immediately. Discharge pressure is generally set at 175 PSI (12.1 bar). DO NOT attempt to open valve while machine is under pressure.

**Tank**

Drain daily.

If unit is equipped with electronic auto drain:

1. Check daily to ensure proper operation.

2. Clean filter daily. Refer to figure 13.

**Not included on all units**

2. Remove filter cap and filter.
3. Clean filter.
4. Reassemble drain.
5. Open manual valve.
Maintenance Schedule

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<thead>
<tr>
<th>Frequency</th>
<th>Task</th>
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<tbody>
<tr>
<td>Daily</td>
<td>☐ Check oil level</td>
</tr>
<tr>
<td></td>
<td>☐ Check for unusual operation. Correct before damage occurs.</td>
</tr>
<tr>
<td></td>
<td>☐ Check safety valve</td>
</tr>
<tr>
<td></td>
<td>☐ Drain tank and traps</td>
</tr>
<tr>
<td>Weekly</td>
<td>☐ Clean air filter</td>
</tr>
<tr>
<td></td>
<td>☐ Change oil <em>(after first 50 hours)</em></td>
</tr>
<tr>
<td></td>
<td>☐ General unit cleaning</td>
</tr>
<tr>
<td></td>
<td>☐ Check for unusual operation. Correct before damage occurs.</td>
</tr>
<tr>
<td>Monthly</td>
<td>☐ Check and tighten all bolts as required</td>
</tr>
<tr>
<td></td>
<td>☐ Check all connections for air leaks</td>
</tr>
<tr>
<td></td>
<td>☐ Change oil</td>
</tr>
<tr>
<td></td>
<td>☐ Inspect oil for contamination. Change if necessary.</td>
</tr>
<tr>
<td></td>
<td>☐ Check all unloading lines for leaks. <em>Air leaks in unloader lines will cause unloaders and pilot valve to chatter and could cause short cycling of motor.</em></td>
</tr>
<tr>
<td></td>
<td>☐ Check belts for proper tension, wear, and alignment</td>
</tr>
<tr>
<td></td>
<td>☐ Check safety valve</td>
</tr>
<tr>
<td></td>
<td>☐ Check for unusual operation. Correct before damage occurs.</td>
</tr>
<tr>
<td>Every 3 months</td>
<td>☐ Change oil</td>
</tr>
<tr>
<td></td>
<td>☐ Inspect valve assemblies</td>
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Troubleshooting Chart

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Causes</th>
<th>Resolutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low air pressure</td>
<td>1. Clogged inlet filter</td>
<td>1. Disassemble valve, clean thoroughly</td>
</tr>
<tr>
<td></td>
<td>2. Air leak(s) in system</td>
<td>2. Use soapy water to locate leaks, replace or tighten threaded parts</td>
</tr>
<tr>
<td></td>
<td>3. Application exceeds rated air output of compressor</td>
<td>3. Check CFM requirements, change tool or use compressor with higher air output</td>
</tr>
<tr>
<td></td>
<td>4. Cylinder head valves not sealing</td>
<td>4. Remove valves from cylinder head, repair or replace as necessary</td>
</tr>
<tr>
<td></td>
<td>5. Insufficient power</td>
<td>5. Check power supply, rewire as necessary</td>
</tr>
<tr>
<td>Overheating</td>
<td>1. Duty cycle exceeded</td>
<td>1. Keep duty cycle at 60/40 to maintain pump life</td>
</tr>
<tr>
<td></td>
<td>2. Improper rotation</td>
<td>2. When facing flywheel, ensure counter-clockwise rotation</td>
</tr>
<tr>
<td></td>
<td>3. Head valve(s) not seating properly</td>
<td>3. Clean or replace</td>
</tr>
<tr>
<td></td>
<td>4. Blown cylinder head gasket(s)</td>
<td>4. Replace gasket(s)</td>
</tr>
<tr>
<td></td>
<td>5. Restriction in head, intercooler or check valve</td>
<td>5. Clear blockage</td>
</tr>
<tr>
<td></td>
<td>7. Dirt in intercooler fins or cylinder fins</td>
<td>7. Use low pressure air to blow dirt away from compressor</td>
</tr>
<tr>
<td></td>
<td>8. Poor ventilation / ambient temperature too high</td>
<td>8. Increase ventilation around operating area. Ensure compressor has adequate clear space from walls and other possible obstructions. Ambient temperature should not exceed 110˚ F.</td>
</tr>
</tbody>
</table>

**NOTICE** *Use only Airbase Industries Oil (PN: APOL03000G1). Use of any other product will cause product damage and void the warranty.*
Eemax, INC. (also known as EATON-MAX, Inc. and each of its subsidiaries) makes the following Warranties:

1. THAT EACH ROTARY SCREW AIR COMPRESSOR PUMP TO BE FREE FROM DEFECTS IN MATERIAL, WORKMANSHIP, AND PARTS FOR 10 YEARS ON THE ROTARY SCREW AIR COMPRESSOR PUMP FROM THE DATE OF PURCHASE. Emax (and each of its subsidiaries) is not responsible for downtime during warranty service. If downtime is necessary, it is the Purchaser’s discretion and obligation (at Purchaser’s expense) to have a redundant UNIT. Warranty repairs shall not include freight costs. Purchaser is responsible for returning unit to Emax, Inc. This pump must have Emax Inc. lubricant Synthetic exclusively, the same which must be purchased from Emax Inc. (Mixing different brands of oil will void this warranty). A service kit must be purchased from Emax or an Emax dealer for this warranty to apply. Service kit contain an air filter and synthetic oil that must be changed annually. Annual proof of purchase of all oil programs must be maintained by the original purchaser of the compressor pump. If the unit runs out of oil, this warranty is void. Failure to fully comply with this warranty and fully comply with the manual herein will void this warranty.

Exclusions include: service such as OIL CHANGES, FILTER REPLACEMENTS, GASKET TIGHTENING TO CORRECT OIL SEEPAGE or DRIVE BELT TIGHTENING and VALVE CLEANING and are not covered under warranty.

2. THAT EACH BARE COMPRESSOR PUMP UNIT TO BE FREE FROM DEFECTS IN MATERIAL, WORKMANSHIP, AND PARTS FOR 5 YEARS FOR THE UNIT FROM THE DATE OF PURCHASE. Emax (and each of its subsidiaries) is not responsible for downtime during warranty service. If downtime is necessary, it is the Purchaser’s discretion and obligation (at Purchaser’s expense) to have a redundant UNIT. Warranty repairs shall not include freight costs. Purchaser is responsible for returning unit to Emax, Inc. This pump must have Emax Inc. lubricant Synthetic exclusively, the same which must be purchased from Emax Inc. (Mixing different brands of oil will void the pump warranty). A service kit must be purchased from Emax or an Emax dealer for this warranty to apply. Service kit contain an air filter and synthetic oil that must be changed annually. Annual proof of purchase of all oil programs must be maintained by the original purchaser of the compressor pump. If the unit runs out of oil, this warranty is void. Failure to fully comply with this warranty and fully comply with the manual herein will void this warranty.

Exclusions include: service such as OIL CHANGES, FILTER REPLACEMENTS, GASKET TIGHTENING TO CORRECT OIL SEEPAGE or DRIVE BELT TIGHTENING and VALVE CLEANING and are not covered under warranty.

3. THAT EACH COMPRESSOR UNIT TO BE FREE FROM DEFECTS IN MATERIAL, WORKMANSHIP, AND PARTS FOR 5 YEARS FOR THE COMPRESSOR PUMP AND 2 YEARS ON THE REMAINDER OF THE UNIT FROM THE DATE OF PURCHASE. The UNIT also carries a 1-year labor warranty. Emax (and each of its subsidiaries) is not responsible for downtime during warranty service. If downtime is necessary, it is the Purchaser’s discretion and obligation (at Purchaser’s expense) to have a redundant compressor. Warranty repairs shall not include freight costs. Purchaser is responsible for returning unit to Emax, Inc. This pump MUST have Emax Inc. lubricant Synthetic exclusively, the same which must be purchased from Emax Inc. (Mixing different brands of oil will void this warranty). A service kit must be purchased from Emax or an Emax dealer for this warranty to apply. Service kits contain an air filter and synthetic oil that must be changed annually. Annual proof of purchase of all oil programs must be maintained by the original purchaser of the compressor unit. If the unit runs out of oil, this warranty is void. Failure to fully comply with this warranty and fully comply with the manual herein will void this warranty.

Exclusions include: service such as OIL CHANGES, FILTER REPLACEMENTS, GASKET TIGHTENING TO CORRECT OIL SEEPAGE or DRIVE BELT TIGHTENING and VALVE CLEANING and are not covered under warranty.

Warranty shall be void under the following conditions: Failure to routinely change oil and to maintain a clean filter, or exceeding 70% duty cycle resulting in overheating and excessive wear and tear, or exposing electrical components to rain or water, or installing the unit in a hostile environment such as acid vapors or any caustic or abrasive matter that may be ingested into the pump, or installing the unit in an enclosed area where lack of cooling ventilation is present, such as in boiler or equipment rooms where the ambient air exceeds 100˚F.

4. THAT EACH DRYER UNIT TO BE FREE FROM DEFECTS IN MATERIAL, WORKMANSHIP, AND PARTS FOR 5 YEARS on the HEAT EXCHANGER and 2 YEARS on the DRYER UNIT FROM THE DATE OF PURCHASE. Emax (and each of its subsidiaries) is not responsible for downtime during warranty service. If downtime is necessary, it is the Purchaser’s discretion and obligation (at Purchaser’s expense) to have a redundant DRYER UNIT. Warranty repairs shall not include freight costs. Purchaser is responsible for returning unit to Emax, Inc. Each DRYER UNIT must have a coalescing filter attached to the intake of the dryer to remove any oil or dirt before air enters the dryer. Failure to install coalescing filter will void the warranty.

5. GENERAL PROVISIONS: Emax (and each of its subsidiaries) is not responsible for downtime during warranty service. If downtime is necessary, it is the Purchaser’s discretion and obligation (at Purchaser’s expense) to have a redundant compressor. Warranty repairs shall not include freight costs. If necessary, the Purchaser is responsible for returning unit and/or applicable part(s) to Emax, Inc.

Exclusions include: service such as OIL CHANGES, FILTER REPLACEMENTS, GASKET TIGHTENING TO CORRECT OIL SEEPAGE or DRIVE BELT TIGHTENING and VALVE CLEANING and are not covered under warranty.

Further Exclusions include failure to fully and completely follow the guidelines set forth in the manual. Of specific note is where a product is used where granite and/or concrete work is performed or conditions are dusty and the product is required to be housed in a separate room from the adverse conditions where the product has access to fresh air intake.

Parts used for warranty purposes must be supplied by Emax, Inc. Warranty work will be performed by an approved Emax, Inc. Technician. If any maintenance (other than routine maintenance) is performed by a non-approved Emax, Inc. Technician, written pre-approval must be obtained from Emax, Inc. to prevent voiding this Warranty. Failure to fully comply with this warranty and fully comply with the manual herein will void this warranty.

All warranties are nontransferable.

The Oil Purchase Program is effective as of January 1, 2011.