For your safety: Do not use this heater in a space where gasoline or other liquids having flammable vapors are stored.
IMPORTANT INFORMATION! READ FIRST

The heater is designed for use as a construction heater under ANSI Z83.7a-1993. The primary purpose of construction heaters is to provide temporary heating of buildings under construction, alteration, or repair and to provide emergency heat. Properly used, the heater provides safe, economical heating. Products of combustion are vented into the area being heated.

The heater IS NOT designed as an Unvented Gas Fired Room Heater under ANSI-Z21.11.2 and SHOULD NOT be used in the home.

ANSI A119.2(NFPA 501C)-1987 Recreational Vehicle Standard prohibits the installation or storage of LP-gas containers even temporarily inside any recreational vehicle. The standard also prohibits the use of Unvented Heaters in such vehicles.

NFPA-58 1989 STANDARD FOR THE STORAGE AND HANDLING OF LIQUEFIED PETROLEUM GASES

Use of the heater must be in accordance with this Standard and in compliance with all governing state and local codes. Storage and handling of propane gas and propane cylinders must be in accordance with NFPA 58 and all local governing codes.

We cannot anticipate every use which may be made for our heaters. CHECK WITH YOUR LOCAL FIRE SAFETY AUTHORITY IF YOU HAVE QUESTIONS ABOUT LOCAL REGULATIONS.

Other standards govern the use of fuel gases and heat producing products in specific applications. Your local authority can advise you about these.

FOR YOUR SAFETY

DO NOT USE THIS HEATER IN A SPACE WHERE GASOLINE OR OTHER LIQUIDS HAVING FLAMMABLE VAPORS ARE STORED OR USED.

CONSTRUCTION HEATER GENERAL HAZARD WARNING:

Failure to comply with the precautions and instructions provided with this heater, can result in death, serious bodily injury and property loss or damage from hazards of fire, explosion, burn, asphyxiation, carbon monoxide poisoning, and/or electrical shock.

Only persons who can understand and follow the instructions should use or service this heater.

If you need assistance or heater information such as an instruction manual, labels, etc. Contact your local Heat Wagon dealer or the manufacturer.

WARNING

Fire, burn, inhalation, and explosion hazard. Keep solid combustibles, such as building materials, paper or cardboard, a safe distance away from the heater as recommended by the instructions. Never use the heater in spaces which do or may contain volatile or airborne combustibles, or products such as gasoline, solvents, paint thinner, dust particles or unknown chemicals.

Not for home or recreational vehicle use!

If you have read this entire manual and you still have questions, please call us at 888-heatwagon
Table of Contents:

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WARRANTY

All new Heat Wagon and Sure Flame heaters and fans are guaranteed against defective materials and workmanship for one (1) year from invoice date.

Warranty repairs may be made only by an authorized, trained and certified Heat Wagon dealer. Warranty repairs by other entities will not be considered. Warranty claims must include model number and serial number.

LIMITATIONS

Warrant claims for service parts (wear parts) such as spark plugs, igniters, flame rods will not be allowed. Diagnostic parts such as voltage meters and pressure gauges are not warrantable.

Evidence of improper fuel usage, fuel pressures outside of manufacturer’s specification, poor fuel quality, and improper electric power, misapplication or evidence of abuse may be cause for rejection of warranty claims.

Travel time, mileage and shipping charges will not be allowed. Minor adjustments of heaters are dealers’ responsibility. Defective parts must be tagged and held for possible return to the factory for 60 days from date of repair. The factory will provide a return goods authorization, (RGA) for defective parts to be returned.

No warranty will be allowed for parts not purchased from Heat Wagon.

342 N. Co. Rd. 400 East • Valparaiso, IN 46383
219-464-8818 • 888-432-8924 • Fax 800-255-7985
www.heatwagon.com


**DESIGN RELATED SAFETY FEATURES**

1) **FLAME FAILURE**
   The electronic ignition control shuts off the gas supply in .8 seconds if flame is lost to prevent raw gas from leaving the heater.

2) **OVERHEATING**
   The totally enclosed motor is protected by thermal overload. A manual reset high temperature limit switch is mounted in the heated air stream.

3) **LOW SUPPLY VOLTAGE**
   A panel mounted voltmeter indicates supply voltage before heater start up and also during heater operation.

4) **BLOCKED AIR SUPPLY**
   An airflow switch detects the differential pressure in the combustion chamber and shuts off the gas flow when airflow is insufficient.

5) **LOCKING GAS SELECTOR LEVER**
   To avoid over firing of the heater and damage to property, make sure the lever is locked in position when using propane.

6) **LOW SHELL TEMPERATURE**
   The Model 1800(SL) is designed with a burner heat shield to keep the outside shell cool for added safety in the work place.

7) **DURABLE CONSTRUCTION**
   The Model 1800(SL) uses a heavy gauge steel housing and a stainless steel burner for long life and consistent performance.

**NOTE:** In order to maintain the highly efficient combustion of the heater, the combustion chamber must remain as manufactured. Any change or distortion could alter the fuel/air mixture and create excessive products of combustion.

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**SPECIFICATIONS**

**Model No. 1800 & 1800SL**

Designed to ANSI Z83.7-1990 Standard Construction Heater

**Gases:** Natural or Propane

**Capacity:** 750,000 Btu/h maximum

**Orifice Size:** 36DMS (X18)

**Blower:** 4,200 CFM

**Electrical Rating:** 115V 60Hz 15 amps, single phase

**Minimum Temperature Rating:** Minus 40 degrees F

<table>
<thead>
<tr>
<th>Gas Supply</th>
<th>Inlet Pressure</th>
<th>Manifold Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Max PSI</td>
<td>Min PSI</td>
</tr>
<tr>
<td>Propane</td>
<td>50 lbs.</td>
<td>5 PSI</td>
</tr>
<tr>
<td>Natural Gas</td>
<td>50 lbs.</td>
<td>5 PSI</td>
</tr>
</tbody>
</table>

(Minimum inlet pressure as low as 9.5” W.C. can be achieved by removing 2nd stage 40SV06 regulator)

**Inlet Connection:**

- Model 1800SL: 1/4” FNPT
- Model 1800: 3/4” FNPT

**Weight (approximate):** 200 lbs.

**Maximum Duct Length Straight:** 50 Ft. @ 18” Diameter
The Heat Wagon Model 1800(SL) is a direct fired gas heater intended to be used primarily for the temporary heating of building under construction, alteration, or repair. Since all the products of combustion are released into the area being heated, it is imperative that adequate ventilation is provided. The flow of supply air and combustion gases must not be obstructed in any way.

1. The heater is designed for indoor or outdoor installation in a horizontal position. Allow the following clearances from any combustible material or fuel containers.

<table>
<thead>
<tr>
<th>Component</th>
<th>Clearance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front Outlet</td>
<td>10 feet</td>
</tr>
<tr>
<td>Intake</td>
<td>1.5 feet</td>
</tr>
<tr>
<td>Sides</td>
<td>2 feet</td>
</tr>
<tr>
<td>Top</td>
<td>4 feet</td>
</tr>
</tbody>
</table>

Also make sure that no flammable vapors are present in the space where the heaters is being used.

2. The heater should be inspected before each use, and at least annually by a qualified service person.

3. The hose assembly must be inspected prior to each use of the heater. If it is evident that there is excessive abrasion or wear, or the hose is cut, it must be replaced prior to the heater being put into operation. The replacement hose assembly shall be that specified by the manufacturer. See parts list.

4. When connecting the heater to a natural gas or propane supply line ensure that the pressure at the heater inlet is within the specified range. Excessive pressure (over 50 psig) will damage the controls and void the warranty.

5. Connect the hose assembly to the heater gas inlet elbow. The 1800 elbow has 3/4” Female NPT thread, 1800SL elbow has a 1/4” Female NPT thread. The hose assembly is supplied with a swivel connector to avoid kinking or twisting the hose. Use a minimum inside diameter of 1/2” on LP or 3/4” on natural gas installations. Ensure that the hose assembly is protected from traffic, building materials, and contact with hot surfaces.

6. After installation, check hose assembly for gas leaks by applying a soap and water solution to each connection.

7. Connect the heater to an adequate 115 volt electrical supply as specified on the rating plate. For protection against shock hazard the supply cord should be plugged directly into a properly grounded three-prong receptacle.

8. Replacement parts are available from any Heat Wagon distributor or by calling 1-888-432-8924 for parts information.

**CLEANING**

Heater housing may be cleaned with soap and water.

- Place a plastic plug into the 1” pipe inlet on valve train
- Do not get the inside of the control box wet
- Allow heater to dry before connecting to power
- Pay attention to decals so they remain legible
MODEL 1800 & 1800SL

PROPER SET UP:
Model 1800SL is a liquid withdrawal unit. This unit will use 8.25 gal of LP per hour. Use at least (1) 200 gal. withdrawal tank. This will insure 20 hours of continuous operation. Since the 1800(L) is a Liquid Propane unit, it must be set up outside of the building. Force its heat through an opening. Use 3/8” or 1/2” LPG approved hose or copper tube.

Model 1800S is a Vapor Propane or Natural Gas unit. When using Propane (liquid or vapor) turn the fuel selector valve (located on the lower manifold) to the Propane position. When using Natural Gas turn the selector valve to the Natural Gas position. This unit can be set up indoors or out.

If using Vapor Propane, the unit needs a vapor withdrawal tank large enough to vaporize 750,000 BTUs per hour. Use at least one 1,000 gal. tank per unit. This will support approximately 90 hours of continuous use.

When operating the heater on Natural Gas you must know the available supply pressure. If the supply pressure is under 1 psi the high pressure regulator (located at inlet of the manifold) will be removed.

<table>
<thead>
<tr>
<th>TANK SIZE:</th>
<th>MAXIMUM WITHDRAWAL RATE (BTUH):</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 gallon</td>
<td>480,000 420,000 360,000 300,000</td>
</tr>
<tr>
<td>1000 gallon</td>
<td>850,000 740,000 640,000 530,000</td>
</tr>
</tbody>
</table>

HOSE SIZING:
Use 1/2” up to 25’, over 25’ use LPG approved 3/4” O.D. hose

Check all hose connections for leaks.

EXTENSION CORDS:
Properly Wired and Grounded
Use #14 wire up to 100’
Use #12 wire up to 200’
Use #10 wire up to 300’

Proper hose sizing and extension cord usage is essential for maximum heater performance.
INSTALLATION USING A PROPANE SUPPLY TANK(S)

1) When installing the heater for use with propane gas, set the gas selector to “Propane” and lock in position.

2) The propane supply system must be set up for vapor withdrawal from the operating tank(s). Liquid Propane can cause the heater to overfire and will damage valve train components.

3) The heater must be located at least 6 ft from any LP-Gas container, and not directed toward any LP-Gas container within 20 ft.

4) Minimum Tank Size
   - 500 Gal.
   - 1000 Gal.
   - 2 x 1000 Gal.

   Outdoor Temperature
   - Above +25°F
   - +25°F to +10°F
   - Below +10°F

5) The installation must conform with local codes, or in the absence of local codes, with the Standard for Storage and Handling of Liquefied Petroleum Gasses ANSI/NFPA 58.

6) Turn off the propane supply valve at the tank(s) when the heater is not in use.

7) When the heater is to be stored indoors the propane tank(s) must be disconnected from the heater and the tank(s) stored in accordance with Chapter 5 of the above National Standard.

COMMON INSTALLATION AND OPERATIONAL PROBLEMS

1) LOW VOLTAGE AT THE HEATER
   This is one of the most common problems and is usually the result of the supply cord having too small a wire gauge for its length, or low voltage at the power source. Low voltage results in the motor overheating, burnt relay contacts, or a relay that will not make contact. Check voltmeter on heater before start-up.

2) SUPPLY LINE TOO SMALL
   Minimum Size: 1/2” for LP, 3/4” for Natural Gas.

3) INSUFFICIENT VAPORIZATION AT SUPPLY
   Normally caused by undersized supply tank.

4) IMPROPER GAS SUPPLY PRESSURE
   Usually a result of propane supply pressure being too high because of improper or lack of regulation or too low of natural gas pressure at meter.

5) DIRTY GAS SUPPLY
   Dirty gas can cause strainers to plug or form a build-up in the burner orifice.

6) LACK OF PREVENTIVE MAINTENANCE
   Heaters must be cleaned as required, especially when used in a dirty environment.

7) IMPROPER SUPPLY OF FRESH AIR
   It is strongly recommended that the intake air of the heater be taken from outside the enclosed area. This provides a slight pressurization and prevents any problems associated with redculation of products of combustion.
ON-SITE SAFETY PROBLEMS

1) SHORTING OUT OF DEFECTIVE COMPONENTS
   This is a very common problem which saves short term expense at the risk of a large future cost. Any heaters found in this condition should be removed immediately.

2) IMPROPER ENCLOSURES
   When heaters are installed partially to the outside for fresh air intake, strict adherence must be made to the minimum clearance to combustibles given on the instruction plate. Wood framing around a heater can cause a safety hazard.

3) SUPPLYING LIQUID PROPANE TO HEATER NOT EQUIPPED WITH A BUILT IN VAPORIZER
   This problem has occurred upon initial start-up. To minimize the damage, shut off the gas supply and let the heater run until all of the liquid in the lines had been consumed.

OPERATING INSTRUCTIONS

1) Set the gas selector valve for fuel being used. Check for proper gas pressure.
2) Open manual shut-off valve on heater.
3) Connect power supply (115 volt). Check voltmeter to confirm full voltage.
4) Slowly open shut-off valve at gas meter or propane tank. Check for leaks.
5) Set fan and burner switches to “on” position.
6) Set thermostat for desired room temperature.
7) To stop, turn thermostat down or turn fan switch “off”.
   (Burner will turn off; after 5 seconds fan will turn off.)
8) Close manual shut-off valve on heater.

NOTE: If the heater will be shut down over night, close valve at fuel supply first and burn all gas out of line.

The appliance area should be kept clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

Ensure that the flow of supply air and combustion gases is not obstructed.

The installation and operation of the heater shall comply with the code requirements specified by the authorities having jurisdiction.

General criteria for the use of construction heaters may be found in the applicable sections of American National Standard A-10.10-1987, Safety Requirements for Temporary and Portable Space Heating Devises and Equipment Used in the construction industry.

THE INSTALLATION AND MAINTENANCE OF THE HEATER MUST BE ACCOMPLISHED BY A QUALIFIED SERVICE PERSON.
MODEL 1800 & 1800 SL
SEQUENCE OF COMPONENT OPERATION

1) **POWER SUPPLY**
   Plug the heater into a 120 Volt grounded receptacle. Power is now at the 20 amp fuse and the 3 amp circuit breaker.

2) **20 AMP FUSE & 3 AMP BREAKER**
   If the circuit breaker and fuse are good there will be power at the thermostat and at the motor relay (normally open).

3) **THERMOSTAT**
   When the thermostat calls for heat there will be power at the fan switch.

4) **FAN SWITCH**
   With the fan switch ON it sends power to the burner switch and the control relay.

5) **BURNER SWITCH**
   This sends power to the airflow switch.

6) **CONTROL RELAY**
   After receiving power from the fan switch it closes, sending power to the fan delay timer.

7) **FAN DELAY TIMER**
   Receives power from the control relay and closes. Energizes the motor relays holding coil.

8) **MOTOR RELAY**
   With its coil energized it closes its contacts, sending power to the fan motor.

9) **FAN MOTOR**
   Turns the fan blade causing the air flow switch to close.

10) **AIR FLOW SWITCH**
    Received its power from the burner switch and sends the power to the indicator light and the flame safeguard control.

11) **FLAME SAFEGUARD CONTROL**
    This sends power to transformer and the igniter and sends power out to the high temperature limit switch.

12) **HI TEMPERATURE LIMIT SWITCH**
    This switch has normally closed contacts, it sends power to the gas solenoid valve.

13) **GAS SOLENOID VALVE**
    With its coil energized, the valve opens, gas passes through to the burner and ignites.

14) **FLAME SAFEGUARD CONTROL**
    This is now sensing flame through the flame rod and the spark stops. The heater is operating.

15) **THERMOSTAT**
    When it is satisfied, the contacts open taking power away from the ignition control, the gas valve closes, and the fan delay timer is activated.

16) **FAN DELAY TIMER**
    This will operate the fan motor for approximately 10 seconds and turns the fan off.
PREVENTIVE MAINTENANCE

Heat Wagon Construction Heaters are built to withstand the rigors of operating on construction sites, for mining applications, and a multitude of other locations where heaters are used. To maintain the reliable performance required it is necessary to do a certain amount of regular maintenance.

1) CHECK POWER CORD
   A. Insulation not frayed or cracked.
   B. Ground peg is there on male end.
   C. Polarity is correct (Black wire on fuse, white wire on motor relay).

2) CHECK ALL WIRING FOR TIGHT AND CORRECT CONNECTIONS

3) CHECK MOTOR RELAY
   A. If it buzzes, clean contacts or replace.
   B. Check for voltage drop through L1 or T1 contacts if its more than 2 volts replace.

4) CHECK AIR FLOW SWITCH
   A. Blow out the inlet tube and negative pressure fitting.
   B. Adjust the switch, light on control panel stays on if the heater is bumped and shuts off if fan inlet is blocked off.

5) CLEAN THE BURNER
   A. Clean out port holes (Gas outlet).
   B. Clean air mixture holes.

6) CHECK IGNITER/SENSOR
   A. Move sensor probe; if rubbery, replace.
   B. If stiff; clean and re-gap at 1/8”

7) CHECK FOR GAS LEAKS
   A. Operate the heater, (with leak detector or soapy water) check all pipe connections for leaks.

8) TIGHTEN ALL BOLTS
   A. Motor mounts
   B. Fan blade
   C. Burner mount
   D. Pipe train mounts
TROUBLE SHOOTING

DIRECTIONS: Find the specific symptom. Refer to the Sequence of Component Operation Guide. Check the components listed with a voltmeter for proper operation as described. Replace any components not operating correctly.

Fan will not start when fan switch & thermostat are ON.
• Check sequences 1 through 4 (Page 4)

Fan runs, no spark for ignition.
• Check sequences 5, 10 and 11 (Page 4-5)
• Check continuity of igniter leads. Replace if shorted or broken.
• Check igniter for carbon buildup, gap spacing (1/8”), secure mounting.
• Replace igniter if porcelain is cracked or if electrodes are rubbery

Have spark but no flame.
• Check sequences 11, 12 and 14 (Page 5)
• Check for gas pressure on the manifold gauge, if gas is present clean the port holes in the burner

Flame occurs but burner locks out after a few seconds.
• Check sequence 1 (Page 4)
• Check for proper polarity of incoming voltage
  A) Place one lead of voltmeter on ground and the other lead on the 20 amp fuse
  B) Place one lead of voltmeter on ground and the other lead on the neutral or white wire from power cord. Reading should be “0” volts.
• Check the igniter sensor electrodes, if the porcelain is cracked or the electrodes are rubbery replace them
• If the 1st 4 steps check, replace the ignition control

Flame occurs but small.
• Check proper pressure at manifold gauge. If yes:
  A) Clean port holes in burner
  B) Check proper position of gas selector valve (For Natural Gas)
• Not enough pressure
  A) Check fuel supply
  B) Check liquid strainer for restriction (1800L)
  C) Check for restriction at Hi pressure regulator
  D) Check for restriction at solenoid valve

Fan does not shut off when thermostat turns off burner.
• Check for proper wiring on fan delay timer
• Fan should run for 5 to 7 seconds after burner shuts off. Replace fan delay timer if fan runs over 10 seconds.
1800
VAPOUR PIPE TRAIN

<table>
<thead>
<tr>
<th>Item#</th>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>*1</td>
<td>HWP 40SV06</td>
<td>1ST STAGE REGULATOR 3/4” x 1”</td>
</tr>
<tr>
<td>2</td>
<td>HWP HV1162</td>
<td>1” LOW PRESSURE REGULATOR</td>
</tr>
<tr>
<td>3</td>
<td>HWP HV1169</td>
<td>15” W.C. LOW PRESSURE GAUGE</td>
</tr>
<tr>
<td>4</td>
<td>HWP HV1032</td>
<td>115V. GAS SOLENOID VALVE 1” DIAMETER</td>
</tr>
<tr>
<td>5</td>
<td>HWP HV1035</td>
<td>1” BALL VALVE</td>
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<tr>
<td>6</td>
<td>HWP HV1160</td>
<td>1” LOCKING GAS SELECTOR VALVE</td>
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<tr>
<td></td>
<td>HWP HV1032RK</td>
<td>REBUILD KIT FOR HV1032</td>
</tr>
<tr>
<td></td>
<td>HWP HV1032C</td>
<td>COIL COVER FOR HV1032</td>
</tr>
</tbody>
</table>

*If you have an 1800L (Liquid Propane Heater) use part #HR1053 1st stage regulator
## Controls Breakdown

<table>
<thead>
<tr>
<th>Item#</th>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SFP 5989</td>
<td>SUPPLY VOLTAGE METER (0-150)</td>
</tr>
<tr>
<td>2</td>
<td>SFP 2505</td>
<td>INDICATOR LIGHT</td>
</tr>
<tr>
<td>3</td>
<td>HWP HC1011</td>
<td>FAN ON/OFF SWITCH</td>
</tr>
<tr>
<td>4</td>
<td>HWP HC1011</td>
<td>BURNER ON/OFF SWITCH</td>
</tr>
<tr>
<td>5</td>
<td>SFP 2453</td>
<td>REMOTE THERMOSTAT</td>
</tr>
<tr>
<td>6</td>
<td>HWP HC1016</td>
<td>VAPORIZER RECEPTACLE</td>
</tr>
<tr>
<td>7</td>
<td>HWP HC1019B</td>
<td>3 AMP. CIRCUIT BREAKER</td>
</tr>
<tr>
<td>8</td>
<td>HWP HC1004B</td>
<td>ELECTRODE ASSEMBLY</td>
</tr>
<tr>
<td>9</td>
<td>HWP HC1010</td>
<td>AIRFLOW SWITCH</td>
</tr>
<tr>
<td>10</td>
<td>SFP 4512</td>
<td>CONTROL RELAY</td>
</tr>
<tr>
<td>11</td>
<td>HWP HC1003A</td>
<td>FAN DELAY TIMER</td>
</tr>
<tr>
<td>12</td>
<td>SFP 2446</td>
<td>HIGH-LIMIT CONTROL</td>
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<tr>
<td>13</td>
<td>HWP HC1001C</td>
<td>IGNITOR CONTROL BOARD W/TIME DELAY</td>
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<tr>
<td>14</td>
<td>SFP 2436</td>
<td>MOTOR RELAY</td>
</tr>
<tr>
<td>15</td>
<td>HWP HC1115</td>
<td>20 AMP. FUSE (SC-20)</td>
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<tr>
<td>16</td>
<td>HWP HC1122</td>
<td>FUSE BLOCK</td>
</tr>
<tr>
<td>17</td>
<td>HWP HC1020</td>
<td>POWER CORD</td>
</tr>
<tr>
<td>Item#</td>
<td>Part #</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>-----------</td>
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</tr>
<tr>
<td>1</td>
<td>HWP HV1039</td>
<td>SAFETY RELIEF VALVE</td>
</tr>
<tr>
<td>2</td>
<td>HWP HV1137</td>
<td>LIQUID PROPANE SOLENOID VALVE</td>
</tr>
<tr>
<td>3</td>
<td>HWP HV1123</td>
<td>MANUAL SHUT-OFF VALVE</td>
</tr>
<tr>
<td>4</td>
<td>HWP HV1054</td>
<td>LIQUID PRESSURE GAUGE</td>
</tr>
<tr>
<td>5</td>
<td>HWP HV1129</td>
<td>LIQUID STRAINER</td>
</tr>
<tr>
<td>6</td>
<td>HWP HV1140</td>
<td>COIL</td>
</tr>
<tr>
<td>7</td>
<td>HWP HV1042B</td>
<td>HOSE</td>
</tr>
<tr>
<td>8</td>
<td>HWP HR1053</td>
<td>HIGH PRESSURE REGULATOR</td>
</tr>
</tbody>
</table>
## Model 1800(SL) Series

<table>
<thead>
<tr>
<th>Item#</th>
<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>HWP HC1069B</td>
<td>LID/CONTROL BOX</td>
</tr>
<tr>
<td>2</td>
<td>HWP HC1069A</td>
<td>CONTROL BOX W/LID</td>
</tr>
<tr>
<td>3</td>
<td>N/S</td>
<td>COPPER TUBE/AIR SWITCH</td>
</tr>
<tr>
<td>4</td>
<td>HWP HP1161</td>
<td>FAN BLADE</td>
</tr>
<tr>
<td>5</td>
<td>HWP HG1167</td>
<td>FAN GUARD</td>
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<tr>
<td>6</td>
<td>HWP HM1166</td>
<td>MOTOR 1 HP</td>
</tr>
<tr>
<td>7</td>
<td>HWP HB1177</td>
<td>HEAT SHIELD</td>
</tr>
<tr>
<td>8</td>
<td>HWP HB1800</td>
<td>BODY</td>
</tr>
<tr>
<td>9</td>
<td>HWP HB1171</td>
<td>BURNER</td>
</tr>
<tr>
<td>10</td>
<td>HWP HW1164</td>
<td>WHEEL 8”x 1.75” x 1/2” HUB</td>
</tr>
<tr>
<td></td>
<td>HWP HW1164B</td>
<td>AXLE FOR 1800</td>
</tr>
</tbody>
</table>
*Note - New Fenwal Control Board
NOTE:
ALL 16 GA STRAN GE RED, UNLESS OTHERWISE SPECIFIED.