

SGO Series 3 Oil-Fired Steam Boiler



Maintenance and Service Guide

For future reference, leave this manual with other boiler instructions in the envelope provided with the boiler.



Hazard Definitions

Following terms are used to bring attention to the presence of hazards of various risk levels, or to important information concerning product life.



Symbol Definitions

These symbols indicate information for and procedures to be followed by:



Homeowner or person responsible for simple start-up and routine maintenance of boiler and system. Pages 2 through 6 must be followed to assure proper operation of your boiler. Page 7 lists common problems and possible corrections. In addition, it is your responsibility to:

- Have boiler and burner installed by a qualified installer.
- Have boiler and burner serviced annually by a qualified service technician.
- Review and understand start-up and routine maintenance procedures with qualified service technician.
- Perform routine maintenance as described on page 4.



Qualified service technician who has the necessary equipment to check the boiler and system performance, and is responsible for start-up and service of boiler and system. Pages 2 and 3 and 8 through 11 must be followed to assure proper operation of this boiler. In addition, it is the responsibility of this person to:

- Annually service boiler and burner to assure proper operation. See page 8 for service record.
- Review and explain start-up and routine maintenance procedures with homeowner.

For Your S afety



🛦 DANGER

Follow instructions below to

prevent severe personal injury, death or substantial property damage:

- **Do not** use crankcase drainings or any oil containing gasoline. See burner manual for proper fuel oil.
- **Do not** attempt to start burner when excess oil has accumulated in combustion chamber, when unit is full of vapor, or when combus tion chamber is very hot.
- **Do not** start burner unless collector hood, flue cap, jacket cap, breeching and burner mounting door are secured in place.
- Never burn garbage or paper in the boiler.
- **Never** leave combustible material around boiler.
- **DO NOT** TAMPER WITH UNIT OR CONTROLS. Always follow specific instructions when starting up boiler or performing routine maintenance or service.

AWARNING Follow instructions below to prevent severe personal injury, death or substantial property damage:

- To avoid electric shock, turn off electrical supply at switch on boiler and additional external switches before performing service.
- To avoid severe burns, allow boiler to cool before performing service.
- Do not block flow of combustion or ventilation air to boiler.
- Boiler must be connected to a flue with sufficient draft at all times to assure proper operation.
- Do not use this boiler if any part has been under water. Electrical and mechanical failures may cause electric shock and fire risks. Immediately call a qualified service technician to inspect chimney or vent, boiler and burner. Have the boiler flueways cleaned and have the following replaced:
 - all electrical and mechanical controls
 - electrical wiring
 - oil burner and controls
 - insulation and chamber lining

Tips for steam systems:

• Check boiler and system piping for leaks. Continual makeup water will reduce boiler life. Minerals can build up in sections, reducing heat transfer and causing cast iron to overheat, resulting in section failure.

CAUTION Failure to maintain recommended pH and to repair leaks can cause section iron corrosion, leading to section failure and leaks. Do not use petroleumbased sealing or stop-leak compounds in boiler systems. Damage to system components can result.

- Boiler water pH 7.0 to 8.5 is recommended. For pH conditions outside 7.0 to 8.5 range or unusually hard water areas (above 7 grains hardness), consult local water treatment company.
- Do not add cold water to hot boiler. Thermal shock can cause sections to crack.
- Clean newly installed steam boiler to remove oil, grease, and other foreign material. Failure to properly clean can result in violent water level fluctuations, water passing into steam mains, or high maintenance costs on strainers, traps and and vents. A qualified service technician should skim the boiler by following instructions on page 10 of this manual.



The schedule below is specifically designed for the homeowner. Please read pages 2 and 3 before proceeding.

Beginning each heating season:

✓ Call a qualified service technician to perform annual service.

Daily during heating season:

✓ Check that boiler area is free from combustible materials, gasoline and other flammable vapors and liquids.

Weekly during heating season:

- ✓ Check for and remove any obstructions to flow of combustion or ventilation air to boiler.
- Check that breeching is attached between boiler and chimney. If breeching is loose or damaged, immediately turn off switch on front of boiler and call qualified service technician to repair.
- Check for oil leaks in oil piping and around burner. If found, immediately call qualified service technician to correct situation.
- Check for water leaks in boiler and piping; also check for leaks around tankless heater plate. If found, immediately call qualified service technician to repair.
- ✔ Float-type low water cutoff, when used: Refer to control manufacturer's instructions.

A DANGER Scald potential. Do not blow down low water cutoff unless blowdown piping has been installed according to Boiler Manual. If piping is not in place, call qualified service technician to install.

Periodically during heating season:

✓ Probe-type low water cutoff, when used: Refer to control manufacturer's instructions for testing.

End of heating season:

- ✓ If tankless heater is installed, boiler will continue to operate. Check for the following:
 - All daily, weekly and monthly instructions listed on this page must be followed.
 - Burner motor may have to be oiled. Some motors are permanently lubricated and do not need additional oil. Check for oiling instructions on burner or motor.

Boiler shutdown:

- Do not drain boiler unless exposure to freezing temperatures will occur.
- Do not use antifreeze in steam systems.
- Always keep manual fuel supply shut off if burner is shut down for an extended period of time.
 - a. Turn off switch at boiler and any external switch to boiler.
 - b. Close fuel valves.
 - c. Turn off water feed valve.
 - d. Cover burner to protect from dust and dampness.

Start-up



SGO with float-type low water cutoff:

- 1. If burner does not fire, check for:
 - Switch on boiler or additional shut-off switches turned off.
 - Fuses or breaker switch tripped.
 - Thermostat set below room temperature.
 - Fuel valves turned off.
 - Not enough oil in tank to supply burner.
 - No water in gauge glass.

2. Correct problems found in step #1. If burner does not fire, press reset button on burner primary control only once. Repeated presses will deposit oil in combustion chamber.

A DANGER Burner must never be fired when oil is in combustion chamber. Immediately call qualified service technician.

3. If burner still does not fire, call qualified service technician.



SGO Boiler with Float-Type Low Water Cutoff (See Page 6 for Probe-Type Low Water Cutoff) Figure I



SGO with probe-type low water cutoff:

- 1. If burner does not fire, check for:
 - Service switch on boiler or additional switches turned off.
 - Fuses or breaker switch tripped.
 - Thermostat set below room temperature.
 - Fuel valves turned off.
 - Not enough oil in tank to supply burner.
 - No water in gauge glass.

2. Correct problems found in step #1. If burner does not fire, press reset button on burner primary control only once. Repeated presses will deposit oil in combustion chamber.

A DANGER Burner must never be fired when oil is in combustion chamber. Immediately call qualified service technician.

3. If burner still does not fire, call qualified service technician.



COMMON PROBLEMS	COMMON CAUSES	POSSIBLE CORRECTIONS					
Rapid cycling - burner turns on and off frequently.	Thermostat installed where drafts or heat affect reading.	Locate thermostat on inner wall away from heat sources or cool drafts.					
	Heat anticipator in thermostat adjusted incorrectly.	Adjust heat anticipator to match current draw. Refer to boiler wiring diagram.					
	Incorrect limit setting.	Have qualified service technician increase limit setting to decrease cycling. Normal operation is usually less than 5 psig.					
Need to frequently add makeup water.	Leaks in boiler or piping.	Have qualified service technician repair leaks at once to avoid constant use of makeup water.					
Popping or percolating noise heard in boiler.	Mineral deposits in sections due to constant use of makeup water. or incorrect pH.	Have qualified service technician de-lime boiler and repair leaks at once to avoid constant use of makeup water and check pH (7.0-8.5).					
Metal flakes found in flueway.	Contaminated combustion air supply.	Remove sources of hydrocarbons in or near boiler area. (Bleaches, cleaners, chemicals, sprays, fabric softeners, paint remover, etc.)					
	Condensation of combustion gases.	Have qualified service technician check boiler operation.					
lsolated radiation does not heat.	Air vents or traps inoperative.	Have qualified service technician repair, clean or replace air vents or traps.					
Water disappearing from gauge glass and back into	Incorrect Hartford Loop piping.	Have qualified service technician pipe boiler exactly as shown in Boiler Manual.					
system through return piping.	Check-valve inoperative.	Have qualified service technician clean or replace check-valve.					
	Vacuum-breaker inoperative.	Have qualified service technician clean or replace vacuum breaker.					
Violent waterline fluctuations	Dirt, oil or other impurities in water.	Have qualified service technician skim boiler.					
OR Water passing into steam mains - priming.	Waterline too high.	Have qualified service technician adjust waterline to normal height.					
mains - priming.	Incorrect piping.	Have qualified service technician pipe boiler exactly as shown in Boiler Manual.					
	Sudden release of boiler steam pressure by action of zone valves.	Have qualified service technician adjust valve operating time or install slow-opening valves.					
Domestic water from tankless heater is hot then suddenly	Mineral deposits insulate internal waterways of heater.	Have qualified service technician delime or replace coil.					
turns cold. OR Domestic water from tankless heater is always lukewarm.	Boiler stop-leak compound has been added to boiler water and is insulating outside of coil.	Have qualified service technician remove and clean coil AND drain and flush boiler to remove stop-leak.					
ncater is anyays lukewalli.	Incorrect mixing valve setting for tankless heater.	Have qualified service technican adjust mixing valve setting.					
	Domestic flow rate too high.	Have qualified service technician install flow check valve set to rating of tankless heater.					
	Incorrect setting on tankless heater control.	Have qualified service technician raise tankless control setting. Adjust differential on tankless control to lower setting.					

NOTICE The problems and corrections above represent common situations that can occur. There may be others not listed above. It is important always to contact a qualified service technician if you have any questions about the operation of your boiler or system.



A DANGER The procedures and information on pages 8 through 11 are intended only for a qualified service technician who has the necessary equipment to inspect and adjust boiler and burner. A homeowner should never attempt these procedures. Qualified service technician must read pages 2 and 3 before proceeding.

	Annual Service Call Check List (follow in order listed below)	D A T E	Comments									
I	Check that boiler area is free from combustible materials, gasoline and other flammable vapors and liquids.											
2	Check for and remove any obstruction to combustion and ventilation air flow to boiler.											
3	Check breeching and chimney or vent for obstructions, damage, etc. Repair or replace as necessary.											
4	Clean boiler flueways. See page 9.											
5	Perform service on low water cutoff, relief valve and gauge glass. See page 11.											
6	Check boiler and piping for leaks and repair if found.											
7	Inspect and adjust burner. See burner manual and: - change nozzle. - check ignition electrode settings. - clean blower housing and wheel. - make sure blower wheel turns freely. - oil burner motor if required. - clean air inlet. - clean or change fuel filter and strainer.											
8	Make sure boiler is filled to correct water level. See page 10.											
9	Start unit and verify combustion settings with combustion test equipment. See page 10.											
10	Verify operation of all controls on boiler. See page 11.											

Any parts of the boiler furnished by Weil-McLain must be replaced by parts listed in Weil-McLain Boiler and Repair Parts Book.



Cleaning boiler flueways:

A DANGER Make sure all electrical connections to boiler are turned off and wait until boiler is warm, not hot, before cleaning. Failure to do so will result in severe personal injury, death or substantial property damage.

1. **Top flue boilers** -remove breeching and jacket top panel.

Rear flue boilers - remove jacket top panel.

- 2. Remove flue collector hood, saving hardware for reassembly.
- 3. Shut off oil valves. Arrange drip pans under the areas of oil piping that will be disconnected. Disconnect oil line at burner so

that you can swing open the door completely.

- 4. Line combustion chamber floor with newspaper to catch any soot that will be loosened in the cleaning process.
- 5. Starting at the top of the boiler, use a wire flue brush to thoroughly clean between all pins at all angles. Be careful not to damage side wall of rear refractory.
- 6. Move to the bottom of the flueways and clean up between the sections to reach pins left uncleaned in step #5.

- 7. Once the flueways are cleaned, carefully remove the paper from the floor of the combustion chamber.
- 8. Verify sealing rope around flue area is intact. Visually check condition and position of insulation in combustion chamber floor, and the refractories at the rear of boiler and in the burner mounting door. Replace any parts as necessary.
- 9. Close burner mounting door and tighten nut securely. Place flue collector hood on top of boiler. Secure with hardware from step #2.

AWARNING Maintain a gas-tight seal to avoid possible flue gas leakage and carbon monoxide emissions, which can lead to severe personal injury or death.

- 10. Check breeching for sooting and clean if necessary. Install jacket top panel and breeching.
- 11. Reconnect oil line and all electrical connections.



Thoroughly clean flueways between all pins at all angles. Start on top of boiler, finish from the bottom.

Cleaning Boiler Flueways Figure 3



Fill the system:

- 1. Do not fill (except for leakage tests) until boiler is ready to be fired.
- 2. Fill to normal water line as indicated on jacket front panel.
- 3. Boiler water pH 7.0 to 8.5 is recommended.

NOTICE Failure to maintain recommended pH can cause section failure and leaks.

Skim steam boiler:

NOTICE Clean **new** steam boilers to remove any impurities. Failure to properly clean can result in violent water level fluctuations, water passing into steam mains, or high maintenence costs on strainers, traps or vents. Skim boiler only. Do not clean old piping or leaks can occur.

CAUTION Do not use petroleum-based compounds in boiler system. Damage to system components can result, causing property damage.

- 1. Provide 1-1/2" skim piping from skim tapping (located on front of boiler) to floor drain. Add a tee in piping to observe skim water level. Raise waterline to midpoint of skim tapping.
- 2. Fire burner to maintain water temperature below steaming temperature during skimming process.
- 3. Feed in water to maintain water level. Cycle burner to prevent rise in steam pressure. Continue skimming until discharge is clear.
- 4. While boiler is warm, but not **hot**, drain boiler through drain valve.
- 5. Remove skim piping. Close drain valve. Fill with fresh water to normal waterline. Start burner and steam for 15 minutes to remove dissolved gases. Stop burner.
- 6. Check traps and air vents for proper operation.
- 7. Process may need to be repeated after several weeks of operation.

To place in operation:

A DANGER Follow information below to prevent severe personal injury, death or substantial property damage:

- Do not use crankcase drainings or any oil containing gasoline. See burner manual for proper fuel oil.
- Do not attempt to start burner when excess oil has accumulated in combustion chamber, when unit is full of vapor, or when combustion chamber is very hot.
- Do not start burner unless collector hood, flue cap, jacket cap, breeching and burner mount-ing door are secured in place.
- Never burn garbage or paper in the boiler.
- Never leave combustible material around boiler.
- 1. Verify boiler is filled with water to normal waterline as indicated on jacket front panel.
- 2. Open burner door and verify rear target wall, floor and burner door insulations are in proper condition and position.
- 3. Verify burner mounting door is closed and bolted tightly and burner plug is connected.
- Refer to burner manual for burner start-up, adjustment and check-out procedures. Factory burner adjustment and settings may **not** be suitable for specific job conditions.

AWARNING Make final burner adjustments using combustion test equipment to assure proper operation. Do not fire boiler without water. Sections will overheat, damaging boiler and resulting in substantial property damage.

- 5. Check boiler and system piping for leaks.
- 6. Inspect breeching and venting for proper operation.



Controls requiring annual service:

FLOAT-TYPE LOW WATER CUTOFF:

Follow instructions to blowdown cutoff on page 4. Also refer to instructions from cutoff manufacturer in envelope assembly provided with boiler.

PROBE-TYPE LOW WATER CUTOFF:

Cutoff must be removed and inspected and cleaned annually. Refer to cutoff manufacturer's instructions in envelope assembly provided with boiler.

STEAM RELIEF VALVE:

Check operation of steam relief valve. Follow instructions on label fastened to relief valve.

A DANGER Scald potential. Do not check operation of relief valve unless discharge piping has been installed according to Boiler Manual. If piping is not in place, a qualified service technician must properly install piping.

GAUGE GLASS:

To clean glass:

- 1. Close lower gauge glass cock and carefully open petcock below glass to blow water and sediment out of glass by steam pressure.
- 2. Slowly open lower gauge glass cock and allow a small amount of water to flush out through the open petcock.
- 3. Close petcock and fully open lower gauge cock. The water level should immediately rise to its proper level.
- 4. If gauge glass breaks, close off both gauge cocks and loosen glass retaining nuts to

remove gauge glass. Do not use thin glass tubing as a replacement.

General description of control operation:

LOW WATER CUTOFF:

Shuts down boiler if there is a low water condition.

STEAM RELIEF VALVE:

Provides discharge if boiler pressure exceeds 15 psig.

PRESSURE LIMIT CONTROL:

If high steam pressure occurs, control shuts down burners until pressure drops. Limit should be set higher than design pressure of system. Operating control can be set at 5 psig and adjusted to comfort level. Normal operation is usually less than 5 psig. At certain times the system may operate under vacuum conditions.

GAUGE GLASS:

Indicates boiler water level. Cold fill water level should correspond to line stamped on boiler jacket. When boiler operates, water level will fluctuate.

PRESSURE GAUGE:

Provides reading of boiler pressure. Maximum boiler pressure is 15 psig.

TANKLESS WATER HEATER:

Weil-McLain tankless heater ratings are based on 200° F boiler water temperature. To get rated output, set tankless heater control to 200° F. Control can be adjusted to meet system hot water requirements.

Weil-McLain Limited Warranties

Residential & Commercial Cast Iron Boilers

Residential Water Warranty — Limited Lifetime
Residential Steam Warranty — Limited 10 Year

Commercial Warranty — Limited 10 Year

First Year - (All Residential & Commercial Cast Iron Boilers) Weil-McLain warrants that its cast iron boilers are free from defects in material and workmanship for one year from date of installation. If any parts are found to be defective from such defects, Weil-McLain will provide replacement of such defective parts.

Second Through Tenth Year — (Residential & Commercial Water/Steam) Weil-McLain warrants that the cast iron sections of its water and steam boilers are free from defects in material and workmanship from the date of installation for the second through the tenth year. If, during such time, any section is found to be defective, Weil-McLain will provide replacement of such defective section(s).

Eleventh Year and Beyond - (Residential Water Only) Weil-McLain warrants that the <u>cast iron sections</u> of its residential water boilers are free from defects in material and workmanship for the eleventh year and beyond from the date o installation. If, during such time period, any section(s) is found to be defective, Weil-McLain will provide replacement of such defective section(s) upon the payment of a proportionate charge based on the time the boiler has been in service. The proportionate charge will be equal to the appropriate percentage of the list price of such section(s) at the time the warranty claim is made, and will be determined as follows: 11th year-5%; 12th year-10%; 13th year-15%; 14th year-20%; 15th year-25%; 16th year-30%; 17th year-35%; 18th year-40%; 19th year-45%; 20th year-50%; 21st year-55%; 22nd year-60%; 23rd year-65%; 24th year-70%; 25th year & beyond -75%.

These warranties do not cover boilers operated with combustion air contaminated externally by chemical vapors or with improper fuel additives, or with water conditions which may have caused unusual deposits in the cast iron sections See section "For all Weil-McLain Products" for additional warranty information.

Weil-McLain Ultra Cast Aluminum Boilers

PResidential Warranty — Limited 15 Year

First Through Fifth Year — Weil-McLain warrants that its cast aluminum boilers are free from defects in material and workmanship for one year from the date of installation and the heat exchanger is free from defects in material and workmanship for five years from the date of installation. If any parts in the first year, or the heat exchanger in the first five years are found to be defective from such defects, Weil-McLain will provide replacement of such defective parts or heat exchanger. In addition, Weil-McLain will provide a 5-Year "Utrue" Homeowner Protection Plan ("UHPP") to cover parts and labor for five years from the date of installation provided only if the Ultra boiler is properly registered with the UHPP Administrator within one month of the date of installation. UHPP claims must be processed directly through the Plan Administrator and not through Weil-McLain.

Sixth Through Tenth Year - Weil-McLain warrants that the heat exchangers of its cast aluminum boilers are free from defects in material and workmanship for the sixth through the tenth year from the date of installation. If, during such time, the heat exchanger is found to be defective, Weil-McLain will provide replacement of such defective heat exchanger.

Eleventh Through Fifteenth Year - Weil-McLain warrants that the heat exchangers of its cast aluminum boilers are free from defects in material and workmanship for the eleventh through fifteenth year from the date of installation. If, during such time period, the heat exchanger is found to be defective, Weil-McLain will provide replacement for such defective heat exchanger upon the payment of a proportionate charge based on the time the boiler has been in service. The proportionate charge will be equal to the appropriate percentage of the list price of such heat exchanger at the time the warranty claim is made, and will be determined as follows: 11th year - 10%; 12th year - 20%; 13th year -40%; 14th year - 60%; 15th year - 80%; 16th year & beyond - 100%

This warranty does not cover boilers operated with combustion air contaminated externally by chemical vapors or with improper fuel additives, or with water/ system conditions which may have caused heat exchanger failure.

See section "For all Weil-McLain Products" for additional warranty information

For All Weil-McLain Products: These warranties are subject to the condition that the Weil-McLain Product(s) must have been installed in accordance with manufacturers' instructions by a heating contractor whose principal occupation is the sale and installation of plumbing, heating and/or air conditioning equipment. These warranties extend only to the first retail purchaser of the products and only to a product that has not been moved from its original installation site.

In addition to each product warranty listed, Weil-McLain warranties do not cover. 1. Components that are part of the heating system (products) but were not fur-nished by Weil-McLain as a part of the heating system (products).

- 2. The workmanship of any installer of Weil-McLain's product(s). In addition, this warranty does not assume any liability of any nature for unsatisfactory performance caused by improper installation.
- 3. Any costs for labor for removal and reinstallation of the alleged defective part, transportation to Weil-McLain, if necessary, and any other materials necessary to perform the exchange
- 4. Any products that have a failure or malfunction resulting from improper or negligent operation, accident, abuse, freezing, misuse, unauthorized alteration or improper repair or maintenance.
- 5. Improper adjustments (including boiler/burner), control settings, care or maintenance. Information is in the installation, start-up, operations, owner/user's manuals, service/maintenance instructions, and other printed/technical information provided with the product or direct from Weil-McLain or weil-mclain.com.



Indirect-Fired Water Heaters

Residential Water Heater Warranty — Limited Lifetime

Commercial Water Heater Warranty — Limited 15 Year

First Year — (Residential and Commercial Water Heaters) Weil-McLain warrants that its indirect-fired water heaters are free from defects in material and workmanship for one year from the date of installation. If any parts are found to be defective from such defects, Weil-McLain will provide replacement of such defective parts.

Second Year and Beyond — (Residential Only) Second Through Fifth Years — (Commercial Only)

Weil-McLain warrants that the tank assembly components of its indirect-fired water heaters are free from defects in material and workmanship for the second through the fifth year from the date of installation (commercial only), or for the second year from the date of installation and beyond (for residential only). If, during such time periods, a leak in the tank assembly should occur, Weil-McLain will provide replacement for the original tank assembly.

Sixth Year through Fifteenth Year -- (Commercial Only) Weil-McLain warrants that the tank assembly components of its commercial indirect-fired water heaters are free from defects in material and workmanship for the sixth year through the fifteenth year following the date of installation. If, during such time period, a leak in the tank assembly should occur, Weil-McLain will provide replacement for such defective tank assembly. Such replacement will be furnished with the nearest comparable model available from Weil-McLain at the time of such replacement and upon payment of a proportionate charge. Proportionate charges will be equal to the appropriate percentage of the current list price of such commercial indirect-fired water heater at the time warranty claim is made and will be determined as follows: 6th & 7th year-55%; 8th & 9th year-60%; 10th & 11th year-65%; 12th & 13th year-70%; 14th & 15th year-75%.

These warranties do not cover:

- 1. Any water heater not initially installed with a new temperature-pressure relief valve bearing the listing of the American Society of Mechanical Engineers (A.S.M.E.) at the time of the water heater installation.
- 2. Any water heater that has a failure or malfunction resulting from a.) failure to keep the tank full of potable water; b.) failure to assure that water in the tank is free to circulate at all times; or c.) failure to keep the tank free of water sediment or scale deposits.
- 3. Any water heater that has potable water in the unit with a chloride or chlorine content higher than 80 mg/liter
- 4. Any water heater installed in a residence containing any type of water softener system that is not installed and maintained in accordance with manufacturer's specifications.
- Any water heater installation where non-metallic piping products without an oxyger barrier are used. 6. Any water heater used for non-potable application such as pool or process heating.

See section "For all Weil-McLain Products" for additional warranty information.

Radiant Heating Products

Radiant Heating Products Warranty — Limited 30 Year

IPP & IPC Products Warranty — Limited 3 Year

Weil-McLain warrants that its AlumiPex and Qual-Pex radiant heating products are free from defects in material and workmanship for thirty years (three years for IPP and IPC products) from the date of installation. If any parts are found to be defective from such defects during such time period, Weil-McLain will provide replacement of such defective parts. It is expressly understood that failure as a result of freezing of water within the pipes (tubing) does not constitute a defect in material or workmanship and shall not be covered by this warranty.

See section "For all Weil-McLain Products" for additional warranty information.

Parts and Accessories

Parts and Accessories Warranty — Limited 1 Year

Weil-McLain warrants that parts and accessories that were purchased through Weil-McLain are free from defects in material and workmanship for one year from the date of installation. If any parts and/or accessories are found to be defective from such defects during such time period, Weil-McLain will provide replacement of such defective parts. Parts and accessories covered under this warranty include only those items that are notcovered under other Weil-McLain product warranties. See section "For all Weil-McLain Products" for additional warranty information.

NOTE: Residential warranties do not cover any residential products installed in buildings other than one or two family dwelling units, unless they are buildings with individual residential products for each dwelling unit.

THE WARRANTIES DESCRIBED HEREIN ARE IN LIEU OF ALL OTHER WAR-RANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IM-PLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MER-CHANTABILITY. WEIL-MCLAIN EXPRESSLY DISCLAIMS AND EXCLUDES ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, INDIRECT OR PUNITIVE DAM-AGES FOR BREACH OF ANY EXPRESS WARRANTY. For prompt product warranty claims, notify the installer who, in turn, will notify the Weil-McLain distributor from whom he purchased the boiler. If this action does not result in warranty resolution, contact Weil-McLain Consumer Relations Department, 500 Blaine Street, Michigan City, Indiana 46360, with details in support of the warranty claim. Alleged defective part or parts must be returned through the same trade channel in accordance with the Weil-McLain procedure currently in force for handling returned goods for the purpose of inspection to determine cause of failure. Weil-McLain will furnish new part(s) to an authorized Weil-McLain distributor who, in turn will furnish the new part (s) to the heating contractor who installed the boiler. If you have any questions about the coverage of this warranty, contact Weil-McLain at the address above.

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