

Cast Iron Gas-Fired Boilers

Quality Engineered for Efficiency and Dependability

OSC Series



Olsen

Heating & Cooling Products

A Division of ECR International Ltd.

An ISO 9001 Certified Company

OSC Series Boilers

Gas-Fired/Natural or Propane, Hot Water

The Safety, Comfort and Efficiency of Sealed Combustion Technology!

The OSC Series boilers combine simple, time-proven heat transfer technology with quality components - such as stainless steel burners and cast-iron heat exchangers - delivering years of worry-free performance. With the highest energy efficiency rating and maximum installation flexibility, the OSC Series boiler is the ideal choice for any home.

Sealed Combustion Technology for Safer, Cleaner Heat

The OSC Series boiler draws in outdoor air to mix with fuel in the combustion process. This guarantees consistent air supply and optimizes clean burning. Sealed combustion design not only protects against harmful CO due to poor combustion, but also conserves heated air within the living space.

Installation Flexibility

The OSC boiler has a low profile design and can be installed virtually anywhere. The boiler can be placed adjacent to any exterior wall and vented directly outdoors or vented vertically utilizing stainless steel vent pipe. This makes it easy to incorporate the OSC into new home construction or as a replacement to an existing boiler. The OSC is an ideal choice when converting from electric heat to a hot water system.

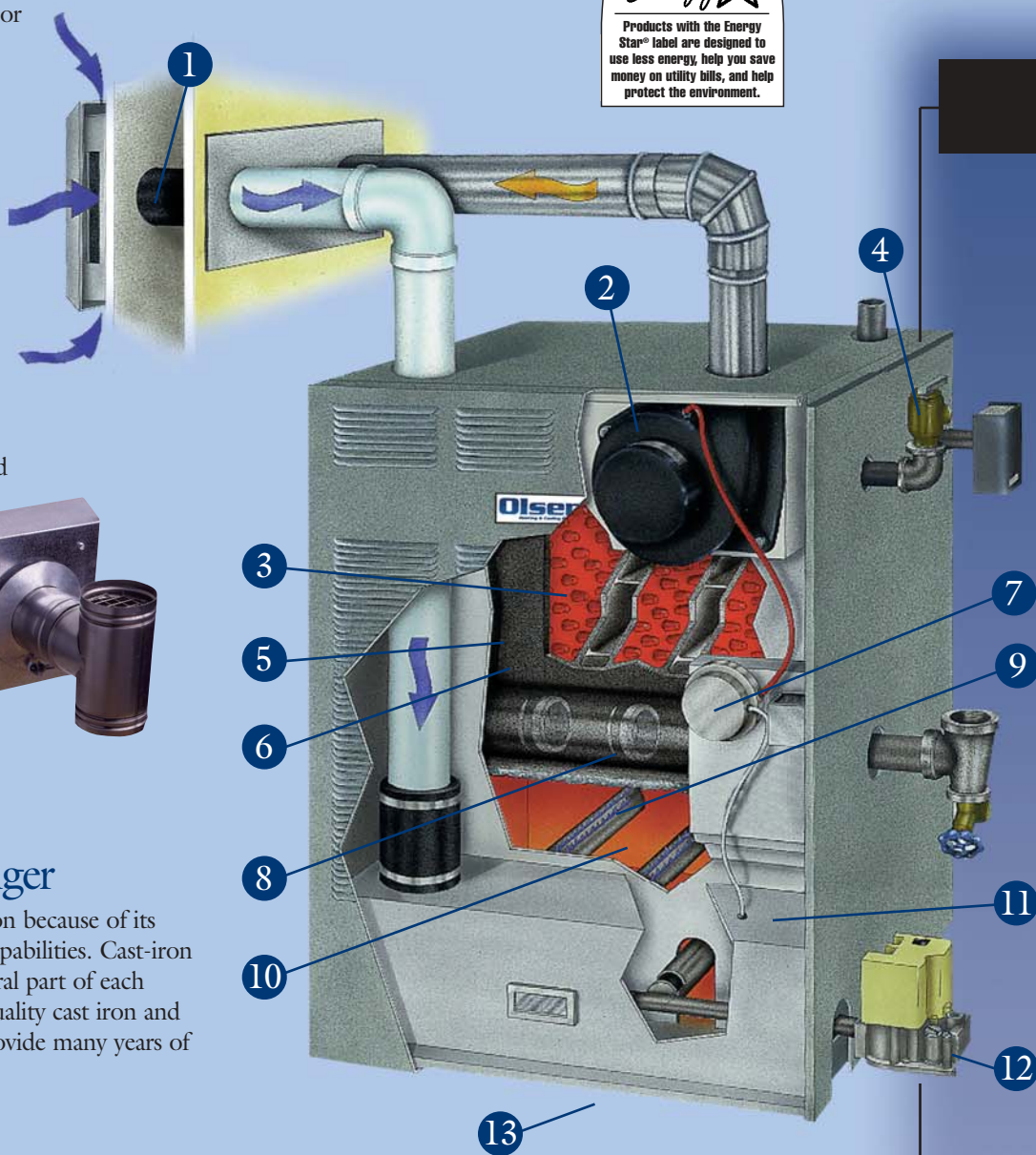
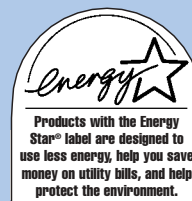


Cast Iron Heat Exchanger

The OSC utilizes cast-iron construction because of its durability and efficient heat transfer capabilities. Cast-iron sections and push nipples are an integral part of each OSC boiler. Using only the highest quality cast iron and heat transfer designs, the OSC will provide many years of efficient and trouble-free operation.

Stainless Steel Burners

Corrosion resistant stainless steel burners are incorporated into each OSC boiler delivering uniform flame patterns that optimize combustion efficiency and quiet operation.





Come Home To The Safety And Comfort Of Scaled Combustion Technology

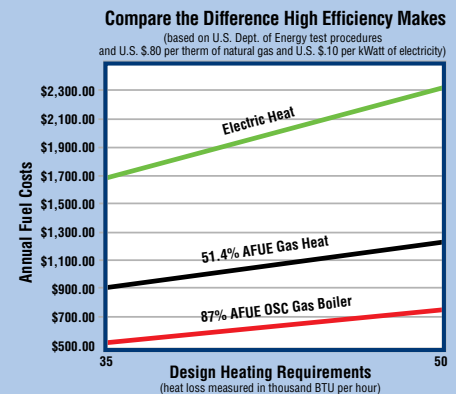
OSC Boiler Features.

- 1 Protective Wall Thimble
- 2 UL-Approved® Safety-Tested Exhaust Fan
- 3 Computer Designed Heat Transfer Pin Configuration
- 4 Pressure Relief Valve
- 5 A.S.M.E.-Approved Cast-Iron Sections (Lifetime Warranty)
- 6 Solid Cast-Iron Heat Exchanger
- 7 Positive Vent Safety Shut-Off
- 8 Metal Connecting Push Nipples
- 9 Whisper-Quiet Flame
- 10 Corrosion-Resistant Stainless Steel Burners
- 11 Reliable Electronic Pilot Ignition Sensor
- 12 Safety Redundant Valve
- 13 Optional Combustible Floor Installation Kit

High Energy Efficiency and Lower Home Heating Costs

With an 87% efficiency rating, the OSC boiler offers the highest cast iron to Btu heating capacity ratio in the industry. Once the OSC boiler is installed, the payback will begin immediately due to reduced energy consumption and lower heating costs.

Homeowners may even be eligible for utility rebates, depending on geographic location and energy provider.



Factory Tested, Pre-Wired & Packaged

The OSC boiler arrives ready to install. Prior to leaving the factory, nine quality assurance checks ensure trouble-free start-up and performance.

Manufacturer's Lifetime Warranty

The most straightforward warranty in the industry — lifetime warranty to the original homeowner covering the entire heat exchanger — not just the sections.

Key OSC Boiler Features

- 87% AFUE Efficiency
- Sealed Combustion Technology
- Venting Flexibility - Side Wall or Vertical
- Quiet Operation
- 3 Sizes-Capacities From 50,000 to 140,000 BTU/h
- Reliable Honeywell Ignition Components
- Made in America

OSC Series Boilers

Cast-Iron, Direct Vent Sealed Combustion, Gas-Fired, Hot Water Boiler

BOILER NO.	A.G.A. INPUT BTU/HR.	HEATING CAPACITY BTU/HR.	I=B=R NET OUTPUT BTU/HR.	NATURAL GAS INLET	DIMENSIONS				SUP. & RET. TAPPINGS	NO. OF BURNERS	SHIPPING WEIGHT	AFUE RATINGS
					A	B	C	D				
OSC3	50,000 (14.7 KW)	44,000 (12.9 KW)	38,000 (11.1 KW)	1/2" (1.27 cm)	15 1/8" (38 cm)	3 1/2" (9 cm)	3 1/2" (9 cm)	5" (12.7 cm)	1 1/4" (3.2 cm)	2	315	87%
OSC4	100,000 (29.3 KW)	87,000 (25.5 KW)	76,000 (22.3 KW)	1/2" (1.27 cm)	19" (48 cm)	3 1/2" (9 cm)	3 1/2" (9 cm)	6 1/2" (16.5 cm)	1 1/4" (3.2 cm)	3	365	87%
OSC5	140,000 (41.0 KW)	122,000 (35.7 KW)	107,000 (31.3 KW)	1/2" (1.27 cm)	22 7/8" (58 cm)	4 1/4" (11 cm)	4 1/4" (11 cm)	8 3/8" (21.3 cm)	1 1/4" (3.2 cm)	4	430	87%

STANDARD EQUIPMENT: Boiler Jacket, Cast-Iron Boiler, Limit Control, Removable Transformers, Plug-In Relay, Thermostat Gauge, Circulator, Main Gas Burners, Hot Surface Pilot, A.S.M.E. Relief Valve, Drain Cock, Induced Draft Fan and Safety Pressure Switch, Combination Intake/Exhaust Termination Kit.

Specifications and dimensions are subject to change without notice.

Explanation Notes

For equivalent square feet of radiation, divide I=B=R output by 150.

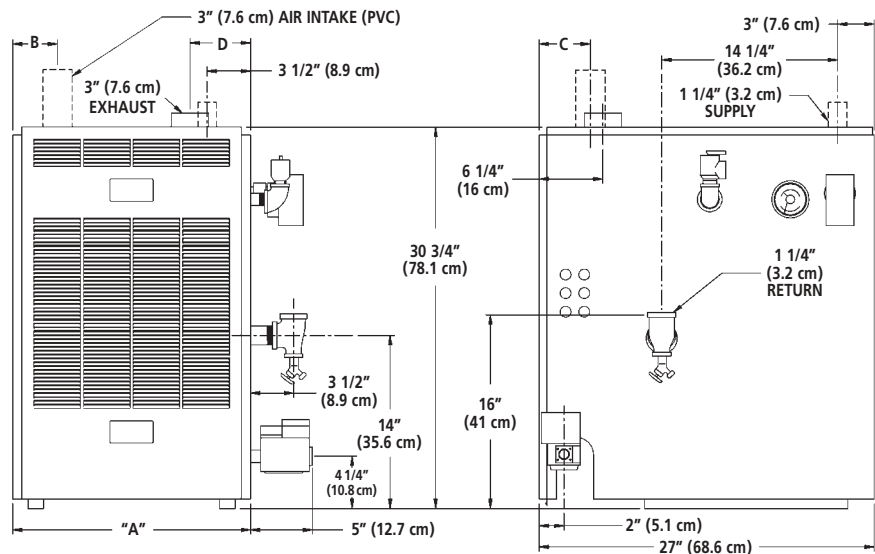
All boilers are design certified for installation on non-combustible floors. For installation on combustible floors, use combustible floor kit.

This boiler is a Direct Vent Designed Certified appliance which requires a special horizontal through-the-wall venting system.

Only HEAT-FAB®, SAF-T-VENT™, FLEX-L® STAR-34™, PRO-TECH™, FasNSeal®, and Z-FLEX® Z-VENT™ venting material products shall be used.

A condensate tee/drain is only needed when horizontal vent lengths exceed 10 feet or for vertical venting.

Consult installation instructions for maximum vent lengths and proper configurations.



MEA#131-01-E

Your Assurance Of Quality

Olsen products are designed, tested, and assembled to ensure that you receive the very best in home heating and cooling comfort, and value. Each product meets or exceeds all recognized safety, performance efficiency standards.



Tested for 100 lbs.
ASME Working
Pressure

For more information on Olsen heating and cooling products and systems, contact your local Olsen distributor. Or call the Olsen Customer Service Department at 1-888-259-7253.

Olsen

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