



CONSERVATOR™ SERIES

OIL-FIRED WATER BOILER

IN NEED OF COMFORTABLE HOME HEATING?

YOU'RE GETTING WARMER...

A cup of hot cocoa, the warmth of a crackling fire, your favorite wool sweater — all of these things can keep you warm. But only Lennox can provide comfort that lasts beyond the last drop of cocoa, the last log in the fire and that sweater you outgrew last winter.

With many options to choose from, Lennox' Conservator™ Series boilers offer exceptional comfort in a variety of configurations to accommodate nearly every home.

For more than 100 years, people have trusted Lennox to make their lives more comfortable. Our boilers continue that tradition by offering reliable comfort, exceptional value and long-term savings. That's the kind of quality you've come to expect from Lennox.



When the fuel choice is oil, Lennox offers the Conservator Series oil-fired water boiler. At an efficiency rating of

UP TO
85.2%
AFUE

up to 85.2%, this boiler offers excellent fuel economy.

In addition, this oil-fired water boiler is proud to display the ENERGY STAR® logo, which means this



product meets stringent guidelines for energy efficiency.

What's more, the Conservator Series oil-fired water boilers offer an optional tankless coil which can produce hot water for many domestic needs. Taking advantage of this coil can provide you with virtually-free hot water throughout the heating season.

Lennox Conservator Series boilers use only the finest materials available. Our oil-fired water boiler features a Beckett® oil burner, the standard of excellence in the industry. Beckett oil burners burn efficiently and are extremely reliable. And, the heat exchanger is made of cast iron, a highly efficient and durable material for heat transfer in boilers. These features translate into long-lasting performance, giving you...One Less Thing To Worry About.®



COWB2



HYDRONIC HEATING IS A SEALED SYSTEM, WHICH MEANS RECIRCULATION OF AIR IS ELIMINATED. THIS MEANS NO OPEN DUCTS TO TRANSMIT DUST OR ALLERGENS, SO YOU'LL BREATHE EASIER.



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FEATURE BENEFIT

ECONOMICAL ENERGY EFFICIENCY AND QUIET OPERATION

Domestic Hot Water Coil Option	Optional tankless coil provides virtually-free hot water throughout the heating season.
Solenoid Oil Valve	Guards against fuel “after drip” and promotes cleaner, quieter operation.
Combustion Chamber	Enhances efficient burner operation and provides for quieter operation.

QUALITY CONSTRUCTION, BUILT TO LAST

Cast Iron Heat Exchanger	Cast iron is extremely durable and will provide years of reliable service.
Beckett® Oil Burner	Industry-leading, high-efficiency oil burner provides cost effective and reliable service.
Swing-Out Burner Door	Provides complete access for thorough boiler cleanings that ensure reliable performance.

ADDITIONAL FEATURES

Warranty	Twenty-year limited heat exchanger warranty with non-prorated coverage. One-year limited covered parts warranty.
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COWB2 Oil-Fired Hot Water Boilers Data and Capacities

Model #	Heating Cap* Input Low/High Btuh(kW)	Heating Cap* Output Low/High Btuh(kW)	Net I=B=R ¹ Low/High Btuh(kW)	Nozzle Rating** U.S. Gals/hr Low/High (L/HR)	Tank Htr. GPM	DIMENSIONS			A.F.U.E.*** Low/High
						Width(mm)	Depth(mm)	Height(mm)	
COWB2-3BLR *03E100/75-2	105,000/140,000 (30.8/41.0)	92,000/119,000 (27.0/34.9)	80,000/105,000 (23.4/30.2)	0.75/1.00 (2.8/5.8)	3.00/3.25* (11.4/15.5)	20.50" (521)	28.25" (718)	36.00" (915)	85.2/83.4
COWB2-4BLR *04E150/125-2	175,000/210,000 (51.3/61.5)	153,000/181,000 (44.8/53.0)	133,000/157,000 (39.0/46.0)	1.25/1.50 (4.7/5.7)	3.50/3.75* (13.2/14.2)	20.50" (521)	31.50" (800)	36.00" (915)	83.9/82.4
COWB2-5BLR *05E200/175-2	245,000/280,000 (71.8/82.0)	210,000/239,000 (61.5/70.0)	183,000/209,000 (53.3/60.1)	1.75/2.00 (6.6/7.6)	4.00/4.25* (15.1/16.1)	20.50" (521)	34.75" (883)	36.00" (915)	83.6/82.0

◆ Coil Model Only ■ Canada Only

*Heating capacity is based upon D.O.E. (Department of Energy) test procedures.

¹I=B=R ratings indicate the amount of equivalent direct radiation each boiler will produce under normal conditions and thermostatic control. Ratings based on an allowance of 1.15 in accordance with the factors shown on the I=B=R Standard as published by The Hydronics Institute. Selection of boiler size should be based on “Net I=B=R Rating” being equal to or greater than the calculated heat loss of the building.

**Based on 140,000 Btuh per gallon (10.8 kW per Liter)

***Annual Fuel Utilization Efficiency based on U.S. DOE test procedures and FTC labeling regulations.

Note: Due to Lennox’ ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without notice.

As an EnergyStar® partner, Lennox Industries Inc. has determined that some or all models of this product meet the EnergyStar guidelines for energy efficiency.



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