

Oneida Royal

Quality Furnaces Since 1822

LHO-SERIES • LOW BOY OIL FIRED FURNACE, FRONT/REAR FLUE



Engineered for Heating Comfort and Efficiency

Get the most out of your fuel dollars with the Oneida Royal LHO-Series.

LHO-Series Low Boy oil-fired, front/rear flue furnaces achieve up to 83.4% efficiency through a unique heat exchanger design and high performance oil burners. Large washable filters provide greater air filtration for cleaner indoor air.

Built to Last

Since 1822, Oneida Royal has been a recognized leader for heating technology, quality and performance.

Key Features of the LHO Series

- Dual Pass Heat Exchanger with unique design for enhanced heat transfer and increased efficiency
- Beckett oil burner
- Barometric Draft Regulator
- Fan Limit Control
- Dual Clean-Out Ports
- Washable Filter System
- Equipped to handle air conditioning
- Blower Assembly slides out for easy maintenance
- Heavy duty cabinet with powder coat finish
- Oneida Royal Limited Lifetime Warranty on residential installations, 5 Year Commercial Warranty

LHO-SERIES LOWBOY OIL-FIRED REAR AND FLUE FURNACE SPECIFICATIONS

MODELS	LHO-145	LHO-190	LHO-225
AFUE	83.4%	78.0%	78.0%
MBH INPUT	168	231	280
MBH OUTPUT	143	188	224
COOLING CAPACITY	48,000	42,000	60,000
C.F.M. HEATING @ .20ESP	1810 DD/1535 BD	2190	2449
C.F.M. COOLING @ .50ESP	1585 DD/1065 BD	1476	2164
BLOWER DRIVE	DIRECT DRIVE/BELT	BELT	BELT
BLOWER SIZE	10-10	12-12	12-12
MOTOR HP	1/2	3/4	1
BURNER	BECKETT AF65YB	BECKETT AF81WF	BECKETT AF81WF
NOZZLE (DELAVAN®)	1.20/60A	1.65/70B	2.00/70B
PUMP PRESSURE	100 PSI	100 PSI	100 PSI
JACKET HEIGHT" (A)	41	56	56
JACKET WIDTH" (B)	22	26	26
JACKET LENGTH" (C)	51.5	46	46
WARM AIR PLENUM" (D X E)	20.5 X 18.625	24 X 22	24 X 22
RETURN AIR PLENUM" (D X G)	20.5 X 18.625	24 X 22	24 X 22
FLUE SIZE"	6	7	7
FILTER" (QTY. & SIZE)	20 X 25 X 1	20 X 25 X 1	20 X 25 X 1
WEIGHT (LBS.)	290	390	390

Standard Equipment:

Dual pass heat exchanger, Beckett flame retention oil burner, ceramic fiber combustion chamber, barometric draft fan and limit control, dual clean-out ports, washable filter system, insulated baked enamel jacket, direct drive blower motor on LHO-145, belt drive on the LHO-190/225.

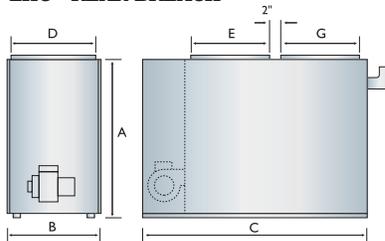
Optional Equipment

Riello oil burner factory installed on LHO-145. Belt drive blower and motor on LHO-145.

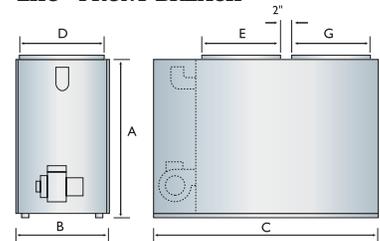
Clearances:

Standard clearance 3" to top, 24" rear and front, 18" from flue pipe, Side 1-6", Side 2-18" (18" required on one side as service access to rear).

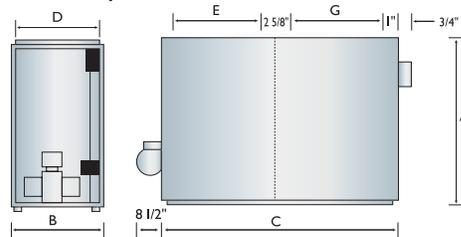
LHO - REAR BREACH



LHO - FRONT BREACH



LHO - 190/225 REAR BREACH



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