

Olsen

Heating & Cooling Products

UP TO 85% AFUE

High-Efficiency Variable Speed Oil Furnaces

- HMLV - Highboy
- BMLV - Lowboy
- WMLV - Multiposition

Keeping families warm for more than 60 years

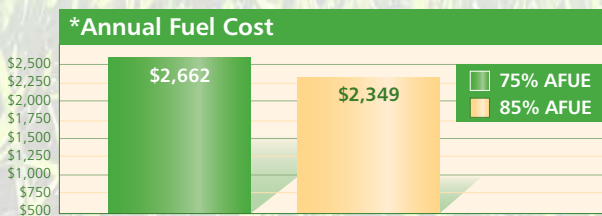


*85% AFUE translates into significantly lower fuel bills

Higher AFUE = More comfort for every dollar spent. The Annual Fuel Utilization Efficiency (AFUE) measures the amount of fuel converted to space heat in proportion to the amount of fuel entering the furnace. This is commonly expressed as a percentage. AFUE works much like the miles-per-gallon rating on a car – the higher the rating, the lower the fuel costs.

If your furnace is 25 years old or older, chances are that it has a rating of only 75% AFUE.

Refer to the chart below to see the savings that could be realized by installing an Olsen 85% AFUE furnace today.



Variable speed (ECM) technology uses less electricity

ECM (Electronically Commutated Motor) = Lower operating costs. At full load the ECM motor is 20% more efficient than a conventional motor. On continuous fan speed, the ECM motor consumes 60-80 watts compared to 400 watts for a conventional motor.

Soft Start = Less noise and more comfort. The ECM variable speed motor will slowly ramp up to the required operating speed, which minimizes noise and increases comfort.

Soft Stop = Increased efficiency. At the end of the heating cycle, the ECM motor will slowly ramp down in speed for increased efficiency and reduced noise levels.



Reliability and peace-of-mind

Every furnace comes with our guarantee that it will be free from defects in materials and workmanship:

- Limited Lifetime Warranty – The heat exchanger is warranted as long as you own the appliance... or we'll supply a **replacement heat exchanger** free of charge!*
- Five-Year Parts Warranty – Any component of the furnace is warranted for a period of five full years... or we'll supply a **replacement part** free of charge!*

* Subject to the limitations set out in the warranty.

* This chart depicts potential energy costs. Data used for this example was 80,000 BTU heat load, 6000 Degree Days F per annum, fuel cost @ \$3 per gallon or \$0.79 per litre. Actual costs may vary, depending on your local weather patterns and fuel rates, lifestyle and the air infiltration integrity of your building envelope. This chart is for demonstration purposes only and does not constitute a guarantee of performance for any product.

Specifications - Variable Speed Oil Furnaces



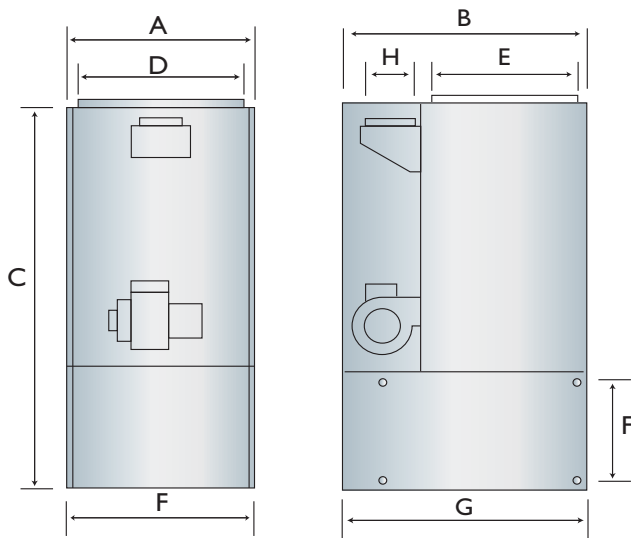
Model	Highboy		Lowboy		Multiposition	
	HMLV 80C	HMLV 80C RF	BMLV 80B	BMLV 80B RF	WMLV 80C	WMLV 80C RF
BTU Input	91,000	91,000	86,000	86,000	91,500	91,500
Firing Rate*	0.65	0.65	0.65	0.65	0.65	0.65
Nozzle (Factory Std.)	0.65/80°A	0.60/60°W	0.65/80°A	0.60/60°W	0.65/80°A	0.60/60°W
Burner Model	Beckett AF	Riello 40F3	Beckett AF	Riello 40F3	Beckett AF	Riello 40F3
Motor	1/2 HP ECM	1/2 HP ECM	1/2 HP ECM	1/2 HP ECM	1/2 HP ECM	1/2 HP ECM
Cooling Capacity (Tons)	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3
Breach	Front	Front	Rear	Rear	Front	Front
AFUE**	83%	85%	83%	85%	83%	85%

* Additional firing rates available. Please consult the Installation and Operation Manual for proper nozzle sizing.

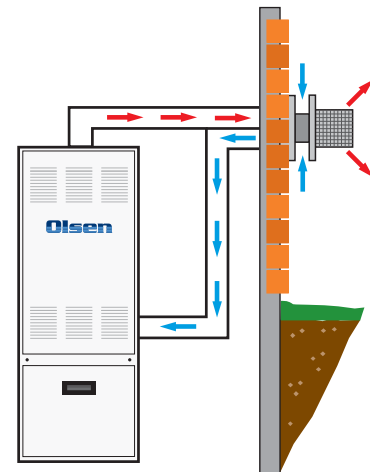
** Refer to www.energystar.gov or www.oee.nrcan.gc.ca for current Energy Star AFUE criteria.

Unit Dimensions (all measurements in inches)

	Cabinet			Plenum Opening		Flue Dia. (H)	Shipping Weight
	Width (A)	Depth (B)	Height (C)	Supply (DxE)	Return (FxG)		
HMLV	22	31	49 5/8	20 1/2 x 20	14 x 22	5	250 lbs.
BMLV	22	51 1/2	32	20 1/2 x 19	20 1/2 x 18 5/8	5	240 lbs.
WMLV	22	22 1/8	55 1/4	19 x 19	18 x 18	5	265 lbs.



Direct Sidewall Venting is an effective alternate method of venting combustion products through an outside wall of the house, rather than up a traditional chimney. This method utilizes the burner to efficiently exhaust products of combustion from the heating equipment.



Direct vent models are available. Please consult your dealer for details.

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Ask your installer about our central air conditioners and heat pumps!

