

Trade Price Book Addendum

Effective 5/1/2017

Olsen



Olsen Oil Fired Furnaces

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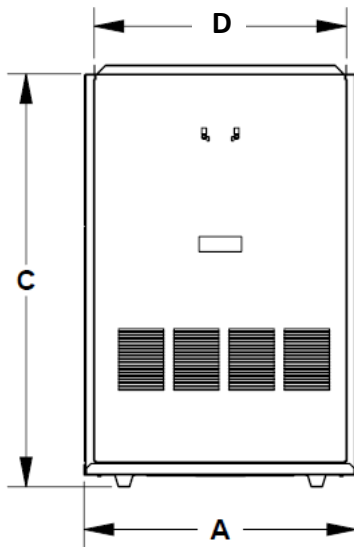
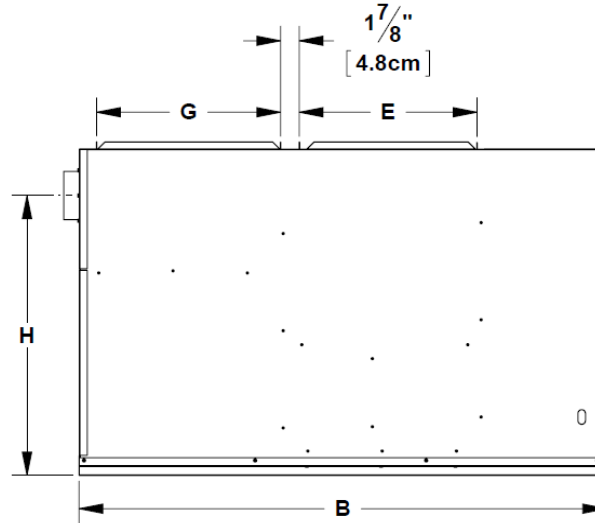


ECR international
EST. 1928

A Family of Heating & Cooling Brands.

P/N 240005041 Addendum

LRF/LRFV LOWBOY SERIES
LOWBOY OIL FURNACES



General Information (See IOM for complete instructions)

Clearance to Combustibles

Location	LRF and LRFV
Top	1" (26mm)
Bottom	0"
Plenum Top	1" (26 mm)
Rear	6" (152 mm)*
Sides	1" (26 mm)**
Front	1" (26 mm)*
Flue Pipe	5" (127 mm)
Enclosure	Closet

***24" (610 mm) Service Clearance**
****18" (457 mm) required from one side for access to rear**

Electrical

Power requirement for all LRF models is: 120 VAC, 1 Ø, 60 Hz., 12A, MCA 10.8 amps, MOP 15.0 amps

Dimensions

Model	Cabinet			Plenum Openings	Flue Diam.	Filter (Permanent)
	Width	Depth	Height			
	A	B	C	Supply (D x E)		
LRF/LRFV	22"	53.5"	33.6"	20-1/2" x 18"	5" (12.7 cm) Flue Hgt (H) 29" (73.7 cm)	20" x 20" x 1" (51 cm x 51 cm x 2.5 cm)
	(55.9 cm)	(135.9 cm)	(85.4 cm)	(52.1 cm x 45.7 cm)		
	Shp. Wgt. 240 lbs (108 Kg.)			Return (D x G)		
				20-1/2" x 18-5/8"		
				(52.1 cm x 47.3 cm)		

LRF/LRFV LOWBOY SERIES CONTINUED

LRF/LRFV LOWBOY - CHIMNEY VENT - REAR FLUE

MODEL	SKU	TRADE PRICE	FIR. RATE GPH	INPUT/ OUTPUT MBH	AFUE	BURNER	BLOWER	AC RANGE IN TONS (CFM RANGE) @ 0.5" ESP
LRF80	LRF080010413006	\$2,637	0.65	91/78	85.9%	BECKETT AFG	1/2 HP BELT	N/A
LRF80	LRF080210411006	\$2,531					1/2 HP PSC DIRECT	Up to 3 Tons (766-1249)
LRFV80*	LRF080210412006	\$3,351					1/2 HP ECM	Up to 4 Tons (680-1600)
LRF80RF	LRF080040413006	\$2,922		91/77	86.4%	RIELLO 40F3	1/2 HP BELT	N/A
LRF80RF	LRF080240411006	\$2,816					1/2 HP PSC DIRECT	Up to 3 Tons (766-1249)
LRFV80RF*	LRF080240412006	\$3,636					1/2 HP ECM	Up to 4 Tons (680-1600)
LRF80C	LRF080080413006	\$2,637		91/78	85.9%	CARLIN EZ-LF	1/2 HP BELT	N/A
LRF80C	LRF080280411006	\$2,531					1/2 HP PSC DIRECT	Up to 3 Tons (766-1249)
LRFV80C*	LRF080280412006	\$3,351					1/2 HP ECM	Up to 4 Tons (680-1600)

*Indicates an ENERGY STAR rated model.

Four Firing Rates: .55, .75 and .85 gph - Alternative nozzles furnished with furnace.

LRF/LRFV LOWBOY - CHIMNEY VENT - LESS BURNER

MODEL	SKU	TRADE PRICE	FIR. RATE GPH	INPUT/ OUTPUT MBH	AFUE	BLOWER	AC RANGE IN TONS (CFM RANGE) @ 0.5" ESP
LRF80LB**	LRF080060413006	\$2,033	Dependent on Burner Application			1/2 HP BELT	N/A
LRF80LB**	LRF080260411006	\$1,927				1/2 HP PSC DIRECT	Up to 3 Tons (766-1249)
LRFV80LB**	LRF080260412006	\$2,747				1/2 HP ECM	Up to 4 Tons (680-1600)

**Model number is less burner. Burner must be purchased separately.

USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING

	PN	TRADE
Blocked Vent Safety Switch (Optional for US)	30690	\$83
Burner In A Box - Beckett AFG - Chimney Vent	550003220	\$604
Burner in A Box - Riello 40F3 - Chimney Vent	550003221	\$889
Burner in A Box - Carlin EZ-LF - Chimney Vent	550003222	\$604

LRF/LRFV STANDARD EQUIPMENT

STANDARD EQUIPMENT:

Three-Pass Chamberless Heat Exchanger - 409 stainless steel first pass drum and aluminized steel tube second and third passes. Stainless steel turbulators in each second pass tube maximizes efficiency. Combination offers low pressure drop and large heat transfer surface ensuring high efficiency. 100% pressure tested.

Fan Limit - A snap disc limit is smartly located to eliminate potential overheating and premature heat exchanger fatigue.

Electronic Fan Timer Control - Located in vestibule for easy access for wiring, adjustment and service. Wiring is color coded, equipped with connections for easy air conditioning, humidifier and air cleaner installation. A terminal strip is also supplied for thermostat connections.

Beckett AFG Oil Burner - Includes factory supplied solenoid valve on pump for cleaner and quieter operation with reduced maintenance. Loosen the mounting bolts from the keyhole flange to easily remove/mount the burner. Four Firing rates to serve a wide range of applications. Alternative nozzles furnished with furnace. Optional Riello and Carlin oil burners also available.

Blower Assembly - Direct Drive PSC 4 speed or Direct Drive ECM constant CFM variable speed or belt drive single speed.

Sight Glass and Sample Port - Large sight glass for observing flame and separate sample port for measuring draft overfire.

Washable Filter System - Features filter rack and a washable filter.