# Olsen *Airco*

# **Heating & Cooling Products**



Customer Service Technical Support

Phone: 800-325-5479 Fax: 315-724-9319/866-432-7329

www.olsenhvac.com

Corporate Sales

Phone: 877-386-5475 Fax: 716-366-4670 Literature

literature@ecrinternational.com



	TABLE OF CONTENTS
Terms & RMA Policy	3-4
Multiposition Oil Furnaces UML/UMLV WML/WMLV/MPL	5-7 8-10
<b>Lowboy Oil Furnaces</b> LRF/LRFV BCL/BCL-S/BFL BML/BMLV	11-12 13-15 16-17
Highboy Oil Furnaces HML/HMLV HTL/HTLV	18-19 20-21
Air Conditioning GSX Condenser CC & CE Cooling Coils	22 23

#### **TERMS & CONDITIONS OF SALE - GENERAL TERMS**

**PRICES & SPECIFICATIONS:** All pricing and specifications subject to change without notice. The prices herein supersede all prior quotations.

PAYMENT TERMS: Net 30 Days

**ORDERS:** Orders will be accepted on the basis of prices in effect at the time the order is received. No order or contract will become an obligation on our part until accepted by the General Sales Department. ECR International shall not be liable for any delay or failure in the delivery or shipment of goods due to any cause or causes beyond its control.

**TAXES:** Add to the prices and terms quoted any manufacturers' or sales tax payable on the transaction under any effective statute.

#### SHIPMENT

**TRUCK LOADS:** \$40,000 Net Order Value - Freight Prepaid. Indirect Water Heaters and Commercial Boiler lines can be added to any residential order for freight purposes.

Authorized Distributors can combine Argo, Airco, Dunkirk, EMI, Olsen, Pennco and Utica and on one purchase order to earn free freight.

Stop off charges of \$150 will apply to stop off locations within 100 miles of final destination. Please call for pricing for stop off special handling for a location further than 100 miles or for special handling pricing for services such as lift gate, unloading assistance, etc.

#### LESS THAN TRUCKLOAD SHIPMENT: F.O.B. ECR INTERNATIONAL - FACTORY OR WAREHOUSE

## ORDER INFORMATION CHECKLIST

The following information must be included on equipment or parts orders to insure proper shipment & invoicing:

- 1) Purchase Order Number
- 2) Bill To Address
- 3) Ship To Address
- 4) Method of Shipment (i.e. trailer load, UPS, etc.)
- 5) Requested Ship Date
- 6) Special Instructions (i.e. "Carrier to call...")
- 7) Pricing
- 8) Product Description (i.e. Model, Size, Series, etc.)
- 9) Fuel Characteristics (i.e. Oil, Natural Gas, Propane)
- 10) Electrical Characteristics (i.e. Operating Voltage, Cycles, Phases, etc.)
- 11) Non-Standard Equipment (Indicate "Optional" when substituted for standard equipment at extra cost listed. Indicate "Additional" when added to standard equipment).
- 12) Kits or Parts (Orders for kits or parts must indicate equipment size and series).
- 13) Send orders to:

E-Mail: ecrorderentry@ecrinternational.com

Fax: 315-724-9319

14) Please note the following Remit To Address:

ECR International, Inc. P.O. Box 8000 Department 039 Buffalo, NY 14267

Continued on Next Page

# TERMS & CONDITIONS OF SALE - GENERAL TERMS CONTINUED U.S. DISTRIBUTOR - RETURN MATERIAL POLICY - EFFECTIVE 8/18/2014

To assist in providing the best service to our valued customers, ECR International has developed the following guidelines to help you in the unlikely event that you will need to return merchandise purchased from us. These guidelines have been developed after carefully reviewing common industry practice. We trust that you find them fair and easy to follow.

<u>Prior Approval Required</u> - All returns for <u>exchange, credit, repair service or warranty claim</u> must be approved by ECR and require an RMA number prior to return of the material. A request must be completed via ECR International's online web portal. Please log on to www.ecrcustomerportal.com (hyperlink below) to complete your request for return. If you do not already have access to the customer web portal please contact ECR Customer Service at 1-800-325-5479 to be set-up.

<u>Eligibility</u> - An RMA Request must be received within 60 days from the date of invoice for returns of New & Unused product in original packaging. A restocking fee of 15% will be charged for all new and unused returns that are approved for return. Special Order Products (items not offered as standard in ECR trade price book) are not eligible for return as new and unused product. Request for Warranty Returns must be made within the period covered by the warranty and must fall under the terms and conditions specified in the warranty.

<u>Repair Service</u> - Request for repair or rework of product damaged by customer is classified as Repair Service. Repair Service is billed at \$75.00 per hour for labor and net price for parts used in repair/rework. ECR's Return Material (RM) department will evaluate the items returned for repair service. The customer will receive an estimate for the dollar amount, determined by ECR's RM department, required to complete the repairs requested. A Purchase Order (PO) from the customer for that amount will be required before any work is performed.

<u>RMA Expiration</u> - Once the RMA number is issued, the product must be returned within 90 days of the RMA date, or the RMA will be canceled. Products approved for return that are received after 90 days from the RMA date will not be accepted.

<u>Shipping & Packaging</u> - All returns must have a valid RMA number clearly displayed on the exterior of the package or the package will not be accepted. All returns of new and unused product must be in the original packaging. All returns must be shipped prepaid by the customer unless otherwise directed by ECR as indicated on the RMA Verification. Ship all approved return material to the facility indicated on the approved RMA Request by the date indicated.

<u>Replacement Product</u> - If replacement product is desired it must be indicated on the RMA Request. A PO# is required for the replacement shipment and must be indicated on the RMA Request. All replacement products will be invoiced at the time of shipment.

<u>Application of Credit</u> - Credit for returned product will be applied to the customer's account (less restocking fees for New and Unused returns) only after confirmation of receipt by ECR and inspection of the product. Issuance of a credit for a partial return of product does not relieve the customer from the obligation to remit payment for the merchandise not returned in accordance with the payment terms referenced on the customer's invoice(s). Customer will have the option to have any product that is denied for credit returned at their expense.

http://www.ecrcustomerportal.com

#### **UML/UMLV SERIES A** MULTIPOSITION OIL FURNACES 17 3/4" 18 3/4" 42 3/4" General Information (See IOM for complete instructions) Clearance to Combustibles **UMLA** and **UMLVA** Location Upflow Downflow Horizontal Тор N/A N/A 1" (26 mm) 0"\*\* 1" (26 mm) **Bottom** 0" Plenum Top 2" (52 mm) 1" (26 mm) 1" (26 mm) 20 3/16" **Horizontal Duct** 1" (26 mm) 2" (52 mm) 1" (26 mm) Clearances \*24" (610 Rear 1" (26 mm) mm Service N/A Sides 1" (26 mm) 1" (26 mm) Clearance. \*\*When Front 18" (458 mm)<sup>3</sup> using combustible Flue Pipe 5" (127 mm) floor sub base 550003032 for Flue Pipe to Beckett 2.5" 2.5" N/A downflow on AFG Cover\* (64 mm) (64 mm) combustible floor. Flue Pipe to Beckett 2.5" N/A N/A NX Cover\*\* (64 mm) Flue Pipe to Carlin 2.5" N/A N/A EZ-LFDV Cover\*\* (64 mm) **Enclosure** Closet Power requirement for all UML models is: 120 VAC, 1 Ø, 60 Hz., **Electrical** 12A, MCA 10.8 amps, MOP 15.0 amps **Dimensions** Cabinet **Plenum Openings** Flue Diam. Width Length Height Filter Model (Permanent) Supply Α В C 17 3/4" W x 18 3/4" D 19" 42 3/4" (45.1 cm x 47.6 cm) 5" (12.7 cm) 20 3/16" UMLA UMLVA (48.3 cm) (51.3 cm) (108.6 cm) Return (Side & Bottom) 16" x 20" x 1" Shp. Wgt. 188 lbs (85.5 Kg.) 14" x 18" (35.6 cm x 45.7 cm)

<sup>\*</sup> Beckett AFG with Cover is approved for upflow and downflow installation only

<sup>\*\*</sup>Beckett NX with Cover and Carlin EZ-LFDV approved for upflow installation only

MODEL   SKU	UMLA/UMLVA MULTIPOSITION SERIES CONTINUED								
MODEL   SKU								UE	
UML080210411106   \$2,879   UML080240412106   \$2,879   UML080240412106   \$2,2974   UML080280412106   \$2,974   UML080280412106   \$2,974   UML080280412106   \$2,879   UML080280412106   \$2,127   UML080280411106   \$1,915   UML080280411106	MODEL	SKU		RATE	OUTPUT	AFUE	BURNER	DRIVE	IN TONS (CFM
UML080240411106   \$2,540   UML080240412106   \$2,974   UML080240412106   \$2,974   UML080240412106   \$2,974   UML080280411106   \$2,2444   UML080280412106   \$2,274   UML080280412106   \$2,274   UML080280412106   \$2,274   UML080280412106   \$2,274   UML080280412106   \$2,279   UML080280412106   \$2,280   UML080280412106	UML80A	UML080210411106	\$2,444			07.00/	BECKETT		
UML080240411106	UMLV80A*	UML080210412106	\$2,879			87.0%			3 Tons
UML0802RF	UML80ARF	UML080240411106	\$2,540				RIFLLO	1/2 HP	3 Tons
UML80AC	UMLV80ARF*	UML080240412106	\$2,974	0.65	91/78	86.3%		1/2 HP	3 Tons
MILV80AC*   UML080280412106   \$2,879     89.8%   EZ-LF   1/2 HP   CM   (510-1380)	UML80AC	UML080280411106	\$2,444				CARLIN	1/2 HP	3 Tons
Indicates an ENERGY STAR rated model.   Four Firing Rates: .55, .65, .75 and .85 gph - Alternative nozzles furnished with furnace.	UMLV80AC*	UML080280412106	\$2,879			85.8%		1/2 HP	3 Tons
MODEL   SKU							<u> </u>		(010 1000)
MODEL   SKU   TRADE PRICE   FIR. RATE GPH   NBH   AFUE   DIRECT DRIVE BLOWER   N TONS (CFM RANGE)	Four Firing Rate								
MODEL   SKU		UMLA/UMLVA	- MULTIPO	SITION	- CHIMNE	Y VENT -	LESS BURN	NER	AC BANCE
UMLV80ALB   UML080260411106   \$2,127	MODEL	ѕки		RATE	OUTPUT	A	FUE	DRIVE	IN TONS (CFM
UMLV80ALB   UML080260412106   \$2,127     Second   \$10 - 1380   \$10 -	UML80ALB	UML080260411106	\$1,692	Des		D a. r. A.	nliantina		
MODEL   SKU   TRADE PRICE   FIR. RATE GH   NBH   AFUE   DIRECT DRIVE BLOWER   AFUE DIRECT DRIVE BLOWER   AFUE BLOWER RANGE)	UMLV80ALB	UML080260412106	\$2,127	Det	Dependent on Burner Application				
MODEL   SKU   TRADE   PRICE   CFM   RATE   GPH   MBH   MFH   MFH   MBH   MFH   MBH   MFH   MBH		UMLA/UMLV	A - MULTIPO	OSITIO	N - DIRECT	VENT - L	ESS BURN	ER	
DML080262411106   \$1,915   Dependent on Burner Application   PSC   (738-1339)   1/2 HP   S Tons   (510-1380)   (510-1380)	MODEL	SKU		RATE	OUTPUT	A	FUE	DRIVE	IN TONS (CFM
USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING	UML80ALBU			Dep	pendent on	Burner Application		PSC	(738-1339)
South				E EQLI	014/110		DN		
Required for Downlow installations on combustible flooring   S50003032   \$90			ALL OF TH	E FOLL	.OWING				
Solution			combustible	flooring	)	5500	003032	•	<b>390</b>
Burner In A Box - Beckett AFG - Chimney Vent 550003079 \$752  Burner In A Box - Beckett AFG w/ Cover - Chimney Vent 550003080 \$788  Burner in A Box - Riello F3 - Chimney Vent 550003081 \$848  Burner in A Box - Riello BF3 (0.55 & 0.65 GPH only) - Direct Vent 550003124 \$1,138  Burner in A Box - Riello BF5 (0.75 & 0.85 GPH only) - Direct Vent 550003125 \$1,150  Burner in A Box - Beckett NX Less Cover - Direct Vent 550003126 \$864  Burner in A Box - Beckett NX w/ Cover - Direct Vent 550003127 \$904  Burner in A Box - Carlin EZ-LF Less Cover - Chimney Vent 550003198 \$752  USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING PN TRADE  DIRECT VENT ACCESSORIES  4" x 10' Vent Kit 240006910 \$594  4" x 20' Vent Kit 240006911 \$737  Vent Terminal 28972 \$549									
Burner In A Box - Beckett AFG w/ Cover - Chimney Vent 550003080 \$788  Burner in A Box - Riello F3 - Chimney Vent 550003081 \$848  Burner in A Box - Riello BF3 (0.55 & 0.65 GPH only) - Direct Vent 550003124 \$1,138  Burner in A Box - Riello BF5 (0.75 & 0.85 GPH only) - Direct Vent 550003125 \$1,150  Burner in A Box - Beckett NX Less Cover - Direct Vent 550003126 \$864  Burner in A Box - Beckett NX w/ Cover - Direct Vent 550003127 \$904  Burner in A Box - Carlin EZ-LF Less Cover - Chimney Vent 550003198 \$752  USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING PN TRADE  DIRECT VENT ACCESSORIES  4" x 10' Vent Kit 240006909 \$450  4" x 15' Vent Kit 240006910 \$594  4" x 20' Vent Kit 240006911 \$737  Vent Terminal 28972 \$549		` .							
Burner in A Box - Riello F3 - Chimney Vent 550003081 \$848  Burner in A Box - Riello BF3 (0.55 & 0.65 GPH only) - Direct Vent 550003124 \$1,138  Burner in A Box - Riello BF5 (0.75 & 0.85 GPH only) - Direct Vent 550003125 \$1,150  Burner in A Box - Beckett NX Less Cover - Direct Vent 550003126 \$864  Burner in A Box - Beckett NX w/ Cover - Direct Vent 550003127 \$904  Burner in A Box - Carlin EZ-LF Less Cover - Chimney Vent 550003198 \$752  USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING PN TRADE  DIRECT VENT ACCESSORIES  4" x 10' Vent Kit 240006909 \$450  4" x 15' Vent Kit 240006910 \$594  4" x 20' Vent Kit 240006911 \$737  Vent Terminal 28972 \$549				ev Ven	t				
Burner in A Box - Riello BF5 (0.75 & 0.85 GPH only) - Direct Vent 550003125 \$1,150  Burner in A Box - Beckett NX Less Cover - Direct Vent 550003126 \$864  Burner in A Box - Beckett NX w/ Cover - Direct Vent 550003127 \$904  Burner in A Box - Carlin EZ-LF Less Cover - Chimney Vent 550003198 \$752  USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING PN TRADE  DIRECT VENT ACCESSORIES  4" x 10' Vent Kit 240006909 \$450  4" x 15' Vent Kit 240006910 \$594  4" x 20' Vent Kit 240006911 \$737  Vent Terminal 28972 \$549					•				
Burner in A Box - Beckett NX Less Cover - Direct Vent 550003126 \$864  Burner in A Box - Beckett NX w/ Cover - Direct Vent 550003127 \$904  Burner in A Box - Carlin EZ-LF Less Cover - Chimney Vent 550003198 \$752  USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING PN TRADE  DIRECT VENT ACCESSORIES  4" x 10' Vent Kit 240006909 \$450  4" x 15' Vent Kit 240006910 \$594  4" x 20' Vent Kit 240006911 \$737  Vent Terminal 28972 \$549				ıly) - Di	rect Vent	5500	003124		
Burner in A Box - Beckett NX w/ Cover - Direct Vent 550003127 \$904  Burner in A Box - Carlin EZ-LF Less Cover - Chimney Vent 550003198 \$752  USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING PN TRADE  DIRECT VENT ACCESSORIES  4" x 10' Vent Kit 240006909 \$450  4" x 15' Vent Kit 240006910 \$594  4" x 20' Vent Kit 240006911 \$737  Vent Terminal 28972 \$549	Burner in A Box - Riello BF5 (0.75 & 0.85 GPH only) - Direct Vent 550003125 \$1,150								
Burner in A Box - Carlin EZ-LF Less Cover - Chimney Vent 550003198 \$752  USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING PN TRADE  DIRECT VENT ACCESSORIES  4" x 10' Vent Kit 240006909 \$450  4" x 15' Vent Kit 240006910 \$594  4" x 20' Vent Kit 240006911 \$737  Vent Terminal 28972 \$549									
USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING         PN         TRADE           DIRECT VENT ACCESSORIES         240006909         \$450           4" x 10' Vent Kit         240006910         \$594           4" x 20' Vent Kit         240006911         \$737           Vent Terminal         28972         \$549									
DIRECT VENT ACCESSORIES         4" x 10' Vent Kit       240006909       \$450         4" x 15' Vent Kit       240006910       \$594         4" x 20' Vent Kit       240006911       \$737         Vent Terminal       28972       \$549	•								
4" x 15' Vent Kit       240006910       \$594         4" x 20' Vent Kit       240006911       \$737         Vent Terminal       28972       \$549									
4" x 20' Vent Kit       240006911       \$737         Vent Terminal       28972       \$549									
Vent Terminal 28972 \$549								-	
·		τ							
		ninal							

#### **UMLA/UMLVA STANDARD EQUIPMENT**

#### **STANDARD EQUIPMENT:**

Low Profile 42.75" Cabinet - Easily accommodates larger, high efficiency "A" coils in all job sites. Jacket is 22 gauge with 1/2" fiber reinforced foil faced fiberglass insulation. Closet rated for 1" clearances.

Dual-Pass Chamberless Heat Exchanger - 409 stainless steel first pass drum and aluminized steel tube second pass. Stainless steel turbulators in each 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 on full rail slide out blower deck 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. An optional Beckett burner cover is available - item #240010859. 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 - Slides out on full rails for easy access and service. PSC 4 speed or ECM constant CFM variable 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. The filter rack can double as a transition piece if the installer wishes to use a Buffalo Boot instead.

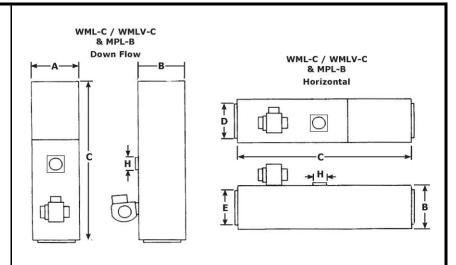
Direct vent furnace includes appliance adapter to connect vent kit Direct vent kits include vent terminal connector and sealant Direct vent burner in a box kits include applicable air intake collar(s).

#### WML/WMLV SERIES C/MPL SERIES B

MULTIPOSITION OIL FURNACES







General Information (See IOM for complete instructions) **Clearance to Combustibles** WML/WMLV/MPL Clearances Downflow Horizontal Top 0" 3" 0"\* 1" **Bottom** (1) Required S/A Plenum distances 1" 1" Rear measured from Sides 1" 1" furnace. 10"\*\* Front 10"\*\* Flue Pipe 18" 18" **Enclosure** Closet

\*When using factory supplied combustible floor base.

\*\*24" is required for servicing.

All models may be installed on combustible floors.

Electrical (120 Volts AC, 60 hertz, 1 phase, 12 Amps)

Dimensions

		Cabinet		Plenu	m Openings	Flue Diam.		
Model	Width	Length	Height	i isiiaiii opsiiiigs		i ide Diaiii.	Filter	
Wiodei	Α	В	C	Supply	Return	J	(Permanent)	
	ζ	ם	C	Supply	Side/Bottom	3		
WML/WMLV	22"	22-1/8"	55-1/4"	19" x 19"	18" x 18"	5"	20" x 20" x 1"	
MPL	22-1/4"	22-1/4"	62"	20-1/2" x 20-1/2"	18" x 18"	6"	20" x 20" x 1"	

	WML/WMLV/MPL MULTIPOSITION SERIES CONTINUED WML/WMLV - MULTI- POSITION - FRONT FLUE											
MODEL	SKU	TRADE PRICE	FIR. RATE GPH	INPUT/	AFUE	VENT	BURNER	MOTOR DRIVE	AC RANGE IN TONS	SHIP WGT. (LBS.)		
WML60C2	34306080	\$2,727						1/2 HP		265		
WML60C2**	34306040	\$3,017	BECKETT	BECKETT	DIRECT	•	275					
WMLV60C2	34306076	\$3,586	0.50	70/59	83.3%	CHIM.	AF	1/2 HP		265		
WMLV60C2**	34306046	\$3,872	7			ECM		275				
WML80CNX2	34308085	\$2,787					BECKETT	1/2 HP DIRECT		265		
WMLV80CNX2	34308090	\$3,646	0.65	91/77	85.5% CHIM.	NX	1/2 HP ECM	2 - 3 TONS	265			
WML80CRF2	34308073	\$3,172		0.1/=0		0	RIELLO	1/2 HP DIRECT	(760 - 1500)	265		
WMLV80CRF2	34308078	\$3,954	\$3, <b>954</b> 0.65	.65 91/76 83.3%	83.3%	CHIM.	40F3	1/2 HP ECM	,	265		
WML80CB2U2	34308072C	\$3,895					BECKETT	1/2 HP DIRECT		265		
WMLV80CB2U2	34308077C	\$4,628	0.65	91/75	83.6%	DIR.*	AFII-85	1/2 HP ECM		265		
WML80CRBU2	34308074C	\$4,173	0.05	0.4./7.6	00.467	DID *	RIELLO	1/2 HP DIRECT		265		
WMLV80CRBU2	34308079C	\$4,985	0.65	91/78	86.1%	% DIR.*	40BF3	1/2 HP ECM		265		

\* Direct Vent units require the use of Olsen/Airco specific Vent Kit and Termination.

\*\* With Vestibule

	MPL - MULTI- POSITION - FRONT FLUE											
MODEL	SKU	TRADE PRICE	FIR. RATE GPH	INPUT/ OUTPUT MBH	AFUE	VENT	BURNER	PSC MOTOR DRIVE	AC RANGE IN TONS	SHIP WGT. (LBS.)		
MPL120B2	34312070	\$3,046		140/118	83.3%	СНІМ.	Л. BECKETT AF		2 TO 3	320		
MPL120BRF2	34312073	\$3,561	1.00	140/117	83.8%	СНІМ.	RIELLO 40F5	3/4 HP DIRECT	TONS (1185 -	320		
MPL120BB2U2	34312072C	\$4,007		140/118	84.8%	DIR.*	BECKETT AFII-150		1331)	323		

WML/WMLV/MPL MULTIPOSITION SERIES CONTINUED								
* Direct Vent units require the use of Olsen/Airco specific Vent	Kit and Termination							
USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING	PN	TRADE						
WML C Downflow Floor Base	6000075	\$108.00						
WML-C Vestibule Kit (Non-Vested Unit)	30554	\$418.00						
Conversion Kit to WML90	36000069	\$45.00						
Low Fire Kit (.50GPH) WML	29880	\$64.00						
Kit #40LKT310 WML	240006906	\$424.00						
10' x 3" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240000900	\$424.00						
Kit #40LKT315 WML	240006907	\$553.00						
15' X 3" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240000907	\$333.00						
Kit #40LKT320 WML	240006908	\$693.00						
20' X 3" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240000900	\$093.00						
MPL-B Downflow Floor Base	6000073	\$171.00						
Kit #40LKT410 MPL	240006909	\$450.00						
10' X 4" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240000909	\$450.00						
Kit #40LKT415 MPL	240006910	\$594.00						
15' X 4" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240000910	\$394.00						
Kit #40LKT420 MPL	240006911	\$737.00						
20' X 4" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240000911	φ/3/.00						

## WML/WMLV/MPL STANDARD EQUIPMENT

**STANDARD EQUIPMENT:** Heat Exchanger – Proven heat exchanger design featuring 100% welded construction for maximum performance. Large accessible clean out ports.

Radiator – "Wrap-around" style for maximum heat transfer.

Cabinet construction – 22 gauge steel cabinet ensures strength and quiet operation. WML/WMLV models maybe factory equipped with vestibule compartment to enclose burner and controls. Vestibule compartment for WML/WMLV also available as an aftermarket kit for non factory equipped units.

Insulation – Spun glass and aluminum foil for "hand-cool" cabinet.

Burner – Equipped with industry leading Beckett or Riello oil burners which include oil solenoid valve, PSC motor and solid state controls. Factory assembled, wired and tested. Ready to connect to fuel line.

Barometric Draft Control – Included with all chimney vent models.

Blower – Direct drive type. Permanently lubricated, resilient mounted.

PSC Blower Motor (WML/MPL Models) – Designed for heavy duty continuous operation. Thermally protected. Four-speed is standard with ½ HP (WML) and ¾ HP (MPL) direct drive models.

ECM Variable Speed Blower Motor (WMLV Models) – Maximizes air conditioner efficiencies, reduces electrical operating costs and enhances comfort with programmed ramp up and ramp down operation. Available on ½ HP direct drive models.

Blower Assembly – Full length slide out blower tray allows entire blower assembly to be easily removed for servicing.

Controls – (UTEC) Electronic fan timer control is standard on all models.

Air conditioning - Fan timer control is AC ready.

Filter Racks and Washable Air Filters - Included with all models.

Alternate firing rates available for a wide variety of applications (alternate nozzles are field supplied).

Direct Vent Models – Include Beckett AFII-85 (WML/WMLV) or Beckett AFII-150 (MPL) or Riello 40BF3 (WML) oil burner with pressure switch system for proving airflow, intake air collar and vent adapter. Vent pipe kits sold separately.

Vent to Appliance adapter included (WML PN 240006902, MPL PN 240006903)

#### LRF/LRFV LOWBOY SERIES LOWBOY OIL FURNACES 1 1/8" 4.8cm Olsen General Information (See IOM for complete instructions) D **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) С Flue Pipe 5" (127 mm) Enclosure Closet \*24" (610 mm) Service Clearance \*\*18" (457 mm) required from one side for access to rear Power requirement for all LRF models is: 120 VAC, 1 Ø, 60 Hz., 12A, **Electrical** MCA 10.8 amps, MOP 15.0 amps Dimensions Cabinet **Plenum Openings** Flue Diam. Width Height Depth Filter Model (Permanent) Supply (D x E) Α В С 20-1/2" x 18" 5" (12.7 cm) 22" 53.5" 33.6" (52.1 cm x 45.7 cm) Flue Hgt (H) 20" x 20" x 1" Return (D x G) (55.9 cm) (135.9 cm) (85.4 cm) 29" (73.7 cm) LRF/LRFV (51 cm x 51 cm x 2.5 20-1/2" x 18-5/8" **Shp. Wgt.** 240 lbs (108 Kg.) cm) (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					1/2 HP BELT	N/A		
LRF80	LRF080210411006	\$2,531		91/78	85.9%	BECKETT AFG	1/2 HP PSC			
2111 00	2141 0002 10 11 1000	ΨΞ,σσ.			22.070		DIRECT	(766-1249)		
LRFV80*	LRF080210412006	\$3,351					1/2 HP	Up to 4 Tons		
2111 100	2111 0002 10 112000	Ψο,σο:					ECM	(680-1600)		
LRF80RF	LRF080040413006	\$2,922					1/2 HP BELT	N/A		
LRF80RF	LRF080240411006	\$2,816	0.65	91/77	86.4%	RIELLO	1/2 HP PSC	Up to 3 Tons		
LKFOUKF	LKF000240411000	<b>Φ2,010</b>	0.65	91/11	00.4%	40F3	DIRECT	(766-1249)		
LRFV80RF*	LRF080240412006	\$3,636					1/2 HP	Up to 4 Tons		
LKFVOUKF	LKF000240412000	<b>\$3,030</b>					ECM	(680-1600)		
LRF80C	LRF080080413006	\$2,637					1/2 HP BELT	N/A		
I DEGGC	L DE000000444000	¢0 E04	1	04/70	05.00/	CARLIN	1/2 HP PSC	Up to 3 Tons		
LRF80C	LRF080280411006	\$2,531		91/78	85.9%	EZ-LF	DIRECT	(766-1249)		
LRFV80C*	LRF080280412006	\$3,351	1				1/2 HP	Up to 4 Tons		
LKEVOUC	LNF000200412000	φ3,331					ECM	(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	RATE OUTPUT AFUE		BLOWER	AC RANGE IN TONS (CFM RANGE) @ 0.5" ESP			
LRF80LB**	LRF080060413006	\$2,033				1/2 HP BELT	N/A			
LRF80LB**	LRF080260411006	\$1,927	Dene	andent on P	surner Application	1/2 HP PSC	Up to 3 Tons			
LIXI OOLD	LIXI 000200411000	Ψ1,921	Depe	endent on L	differ Application	DIRECT	(766-1249)			
LRFV80LB**	LRF080260412006	\$2,747				1/2 HP	Up to 4 Tons			
LIXI VOULD	LIXI 000200412000	Ψ2,141				ECM	(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 thermos tat 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.

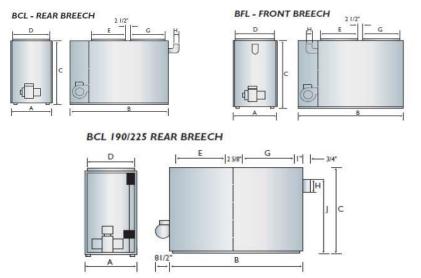
Blower Assembly - Direct Drive PSC 4 speed or Direct Drive ECM constant CFM variable speed or belt drive single speed.

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.







Gener	ral Information (S	See IOM for complete in	nstructions)
Clearances		Clearance to	Combustibles
Clearances		BCL-S & BFL	BCL High Cap.
	Тор	1"	3"
	Bottom	0"	0"
(4) De maine d	S/A Plenum	1"	3"
(1) Required distances	Rear	6"*	24"
measured from	Side 1	6"*	6"**
furnace.	Side 2	24"	18"
Turnuou.	Front	24"	24"
	Flue Pipe	18"	18"
	Enclosure	Standard	Standard

\*24" Required Service Clearance

\*\*Required on one side only for service to rear.

All models may be installed on combustible floors.

Electrical (120 Volts AC, 60 hertz, 1 phase)

_									
	Factory Equipped Blower	Amps							
	1/3 and 1/2 HP	12							
	3/4 HP Belt Drive and 1 HP Direct Drive	15							
	1 HP Belt Drive	20							

Dimensions

	Cabinet			Plenum Openings	Flu	е	Filtor
Model	odel Width Length Height		Supply/Return	Diameter	Height	Filter (Permanent)	
	Α	В	С	D X E(Supply)/F x G (Return)	Н	J	(Fermanent)
BCL-S	22"	51-1/2"	41"	20-1/2" x 18-5/8"	6"	37-1/4"	20" x 25" x 1"
BFL	22"	51-1/2"	41"	20-1/2" x 18-5/8"	6"	38-1/4"	20" x 25" x 1"
BCL High	26"	49"	56"	24" x 22"	7"	47"	20" x 25" x 1" (2)
Capacity	20	73	30	24 \ 22	,	77	20 X 20 X 1 (2)

BCL/BCL-S/BFL LOWBOY SERIES CONTINUED												
BCL - LOWBOY - REAR FLUE												
MODEL	SKU	TRADE PRICE	FIR. RATE GPH	INPUT/ OUTPUT MBH	AFUE	VENT	BURNER	PSC MOTOR DRIVE	AC RANGE IN TONS	SHIP WGT. (LBS.)		
BCL120S2	32312062	\$2,735						1/3 HP BELT	N/A			
BCL120S2	32312009	\$2,622	1.00	140/118	84.4%	СНІМ.	BECKETT AF	1/2 HP DIRECT	3 - 4 TONS (1000-1600)	290		
BCL120ST2	32312005	\$3,096						1 HP DIRECT	3 - 5 TONS (1300-2000)			
BCL145S2	32314563	\$3,302						1/2 HP BELT	3 - 4 TONS			
BCL145S2	32314509	\$3,185	1.20	168/141	84.0%	СНІМ.	BECKETT AF	1/2 HP DIRECT	(1000-1600)	290		
BCL145ST2	32314505	\$3,882						1 HP DIRECT	3 - 5 TONS (1300-2000)			
BCL190	32319070	\$5,578	4.05	004/404	83.7%	0111114	BECKETT	3/4 HP BELT	3 - 4 TONS (1300-1550)	530		
BCL 190/225	32319072	\$5,925	1.65	231/194	Т	CHIM.	AF	1 HP BELT	3 - 5 TONS (1600-2200)	540		
BCL100SRF2	32310017	\$3,423		110/100	86.2%	СНІМ.	RIELLO 40F3	1/2 HP DIRECT	3 - 4 TONS	280		
BCL100SB2U2	32310013C	\$3,507	0.85	119/102	86.0%	DIR.*	BECKETT AFII-150	1/2 HP DIRECT	(1000-1600)	290		
T=Thermal Efficie				•								
* Direct Vent units	require the use	e of Olsen/Air					-					
MODEL	sku	TRADE PRICE	FIR. RATE GPH	INPUT/ OUTPUT MBH	AFUE	VENT	BURNER	MOTOR DRIVE	AC RANGE IN TONS	SHIP WGT. (LBS.)		
BFL120-2	32312045	\$2,758						1/3 HP BELT	N/A	222		
BFL120-2	32312001	\$2,651	1.00	140/114	83.0%	СНІМ.	BECKETT AF	1/2 HP DIRECT	3 - 4 TONS (1000- 1600)	280		
BFL120T2	32312006	\$3,122						1 HP DIRECT	3 - 5 TONS (1300-2000)	290		
BFL145NX2	32314547	\$3,435						1/2 HP BELT	3 - 4 TONS			
BFL145NX2	32314544	\$3,285	1.20	168/137	83.1	СНІМ.	BECKETT NX	1/2 HP DIRECT	(1000-1600)	280		
BFL145TNX2	32314507	\$3,755						1 HP DIRECT	3 - 5 TONS (1300-2000)			
BFL100RF2	32310023	\$3,312	0.0-	119/102	85.3%	CHIM.	RIELLO 40F3	1/2 HP DIRECT	3 - 4 TONS			
	1		0.85							280		
BFL100B2U2												

\* Direct Vent units require the use of Olsen/Airco specific Vent Kit and Termination.

BCL/BCL-S/BFL LOWBOY SERIES CONTINUED								
USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING	PN	TRADE						
Kit #40LKT410 BCL/BFL	240006909	\$450						
10' X 4" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240000909	\$ <del>4</del> 50						
Kit #40LKT415 BCL/BFL	240006910	\$594						
15' X 4" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240006910 \$594							
Kit #40LKT420 BCL/BFL	240006911	\$737						
20' X 4" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240006911 \$737							
Concentric Intake/Vent Terminal BCL/BFL	28972	\$549						
Riser Type Intake/Vent Terminal BCL/BFL	29231	\$1,288						

#### **BCL/BCL-S/BFL STANDARD EQUIPMENT**

#### STANDARD EQUIPMENT:

Heat Exchanger – Proven heat exchanger design featuring 100% welded construction for maximum performance. Large accessible clean out ports.

Radiator – "Wrap-around" style for maximum heat transfer.

Cabinet construction – 22 gauge steel cabinet ensures strength and quiet operation. Access door easily removed for easy access to enclosed burner and controls.

Insulation – Spun glass and aluminum foil for "hand-cool" cabinet.

Burner – Equipped with industry leading Beckett or Riello oil burners which include oil solenoid valve, PSC motor and solid state controls. Factory assembled, wired and tested. Ready to connect to fuel line.

Barometric Draft Control - Included with all chimney vent models.

Blower – Direct drive or belt drive type. Permanently lubricated, resilient mounted.

PSC Blower Motor – Designed for heavy duty continuous operation. Thermally protected. Four-speed is standard with ½ HP direct drive models. Three-speed is standard with 1 HP direct drive models. Single speed with adjustable motor pulley is standard with belt drive models.

Blower Assembly – Entire unit can be easily removed for servicing.

Controls – (Honeywell) fan and limit control is standard on all models.

Air conditioning – Prewired fan center relay is standard on all direct drive models.

Filter Racks and Washable Air Filters - Included with all models.

Alternate firing rates to fit a wide variety of applications (alternate nozzles are field supplied).

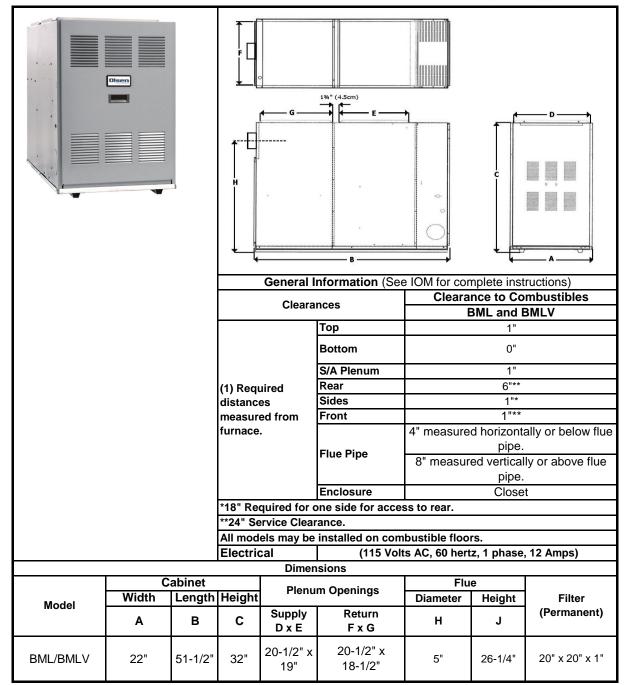
Direct Vent Models – Include Beckett AFII-150 oil burner with pressure switch system for proving airflow, intake air collar and vent adapter. Vent pipe kits sold separately.

Vent to Appliance adapter included (BCL PN 240006905, BFL PN 240006903)

# **BML/BMLV SERIES B**







BML/BMLV LOWBOY SERIES CONTINUED										
BML/BMLV - LOWBOY - REAR FLUE										
MODEL	SKU	TRADE PRICE	FIR. RATE GPH	INPUT/ OUTPUT MBH	AFUE	VENT	BURNER	MOTOR DRIVE	AC RANGE IN TONS	SHIP WGT. (LBS.)
BML80B2	32308075	\$2,637						1/2 HP BELT		
BML80B2	32308070	\$2,531	0.65	91/76	84.0%	СНІМ.	BECKETT AF	1/2 HP DIRECT		240
BMLV80B2	32308076	\$3,351						1/2 HP ECM		
BML80BRF2	32308073	\$2,816	0.65	91/77	85.4%	CHIM.	RIELLO	1/2 HP DIRECT	2 - 3.5	240
BMLV80BRF2	32308078	\$3,537	0.05	91/11	03.4 /	Ci ilivi.	40F3	1/2 HP ECM	TONS (700-	240
BML80BB2U2	32308072C	\$3,318	0.65	91/76	84.3%	DIR.*	BECKETT	1/2 HP DIRECT	1400)	240
BMLV80BB2U2	32308077C	\$3,909	0.65	91/70	84.3%	DIK."	AFII-85	1/2 HP ECM	1	240
BML80BRBU2	32308074C	\$4,278	0.65	01/79	96 10/	DIR.*	RIELLO	1/2 HP DIRECT		240
BMLV80BRBU2	32308079C	\$4,150	0.03	91/78	86.1%	DIK."	40BF3	1/2 HP ECM		240

\* Direct Vent units require the use of Olsen/Airco specific Vent Kit and Termination.

USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING	PN	TRADE
Kit #40LKT310 BML	240006906	\$424
10' x 3" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240000300	<b>9424</b>
Kit #40LKT315 BML	240006907	\$553
15' X 3" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240000907	จัววัง
Kit #40LKT320 BML	240006908	\$693
20' X 3" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240000900	\$093
Conversion Kit to BML 90 & 100	36000069	\$45
Low Fire Kit (.50GPH) BML	29880	\$64
Concentric Intake/Vent Terminal BML	28972	\$549
Riser Type Intake/Vent Terminal BML	29231	\$1,288

#### **BML/BMLV STANDARD EQUIPMENT**

#### **STANDARD EQUIPMENT:**

Heat Exchanger – Proven heat exchanger design featuring 100% welded construction for maximum performance. Large accessible clean out ports.

Radiator – "Wrap-around" style for maximum heat transfer.

Cabinet construction – 22 gauge steel cabinet ensures strength and quiet operation. Access door easily removed for easy access to enclosed burner and controls.

Insulation - Spun glass and aluminum foil for "hand-cool" cabinet.

Burner – Equipped with industry leading Beckett or Riello oil burners which include oil solenoid valve, PSC motor and solid state controls. Factory assembled, wired and tested. Ready to connect to fuel line.

Barometric Draft Control – Included with all chimney vent models.

Blower – Direct drive or belt drive type. Permanently lubricated, resilient mounted.

PSC Blower Motor (BML Models) – Designed for heavy duty continuous operation. Thermally protected. Four-speed is standard with ½ HP direct drive models. Single speed with adjustable motor pulley is standard with belt drive models.

ECM Variable Speed Blower Motor (BMLV Models) – Maximizes air conditioner efficiencies, reduces electrical operating costs and enhances comfort with programmed ramp up and ramp down operation. Available on ½ HP direct drive models.

Blower Assembly - Entire unit can be easily removed for servicing.

Controls – (UTEC) Electronic fan timer control is standard on all models.

Air conditioning – Fan timer control is AC ready.

Filter Racks and Washable Air Filters - Included with all models.

Alternate firing rates available for a wide variety of applications (alternate nozzles are field supplied). Direct Vent Models – Include Beckett AFII-85 or Riello 40BF3 oil burner with pressure switch system for

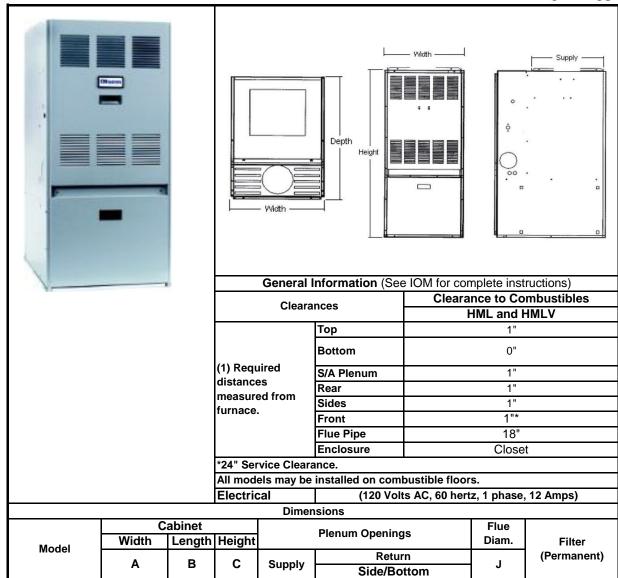
proving airflow, intake air collar and vent adapter. Vent pipe kits sold separately.

Vent to Appliance adapter included (BFL PN 240006903, BML PN 240006904)

#### **HML/HMLV SERIES C**

HIGHBOY OIL FURNACES





20-1/2"W

x 20"D

14" x 22"

30-3/4" 49-5/8"

PRICES/SPECS SUBJECT TO CHANGE WITHOUT NOTICE

HML/HMLV

22"

16" x 25" x 1"

5"

	HML/HMLV HIGHBOY SERIES CONTINUED  HML/HMLV - HIGHBOY - FRONT FLUE									
MODEL	SKU	TRADE PRICE	FIR. RATE GPH	INPUT/ OUTPUT MBH	AFUE	VENT	BURNER	MOTOR DRIVE	AC RANGE IN TONS	SHIP WGT. (LBS.)
HML80C2	31308070	\$2,517	0.05	04/70	00.00/	OL IIIA	BECKETT	1/2 HP DIRECT		050
HMLV80C2	31308076	\$3,202	0.65	0.65 91/76	83.3%	CHIM.	AF	1/2 HP ECM		250
HML80CNX2	31308085	\$2,642	0.05	04/70	85.7%	CHIM.	BECKETT	1/2 HP DIRECT		250
HMLV80CNX2	31308090	\$3,315	0.65	91/76	05.1%	СПІИ.	NX	1/2 HP ECM		230
HML80CRF2	31308073	\$2,787	0.05	04/77	05.00/	OL IIIA	RIELLO	1/2 HP DIRECT	2 - 3.5 TONS	050
HMLV80CRF2	31308078	\$3,423	0.65	0.65 91/77	85.2%	CHIM.	40F3	1/2 HP ECM	(690 - 1500)	250
HML80CB2U2	31308072C	\$3,387	0.05	04/77	00.00/	DID *	BECKETT	1/2 HP DIRECT		050
HMLV80CB2U2	31308077C	\$4,074	0.65	91/77	83.9%	DIR.*	AFII-85	1/2 HP ECM		250
HML80CRBU2	31308074C	\$3,728	0.05	04/77	05.40/	DID *	RIELLO	1/2 HP DIRECT		050
HMLV80CRBU2	31308079C	\$4,414	0.65	91/77	85.4%	DIR.*	40BF3	1/2 HP FCM		250

\* Direct Vent units require the use of Olsen/Airco specific Vent Kit and Termination.

USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING	PN	TRADE
Kit #40LKT310 HML	240006906	\$424
10' x 3" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240000900	<b>7424</b>
Kit #40LKT315 HML	240006907	\$553
15' X 3" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240000901	<b>\$</b> 333
Kit #40LKT320 HML	240006908 \$693	
20' X 3" Flex Vent, Terminal Adaptor & Sealant (Z-Flex)	240000900	ф0 <del>9</del> 3
Conversion Kit to HML 90 & 100	36000069	\$45
Low Fire Kit (.50GPH) HML	29880	\$64
Concentric Intake/Vent Terminal HML	28972	\$549
Riser Type Intake/Vent Terminal HML	29231	\$1,288

# HML/HMLV HIGHBOY SERIES CONTINUED

#### **HML/HMLV STANDARD EQUIPMENT**

#### STANDARD EQUIPMENT:

Heat Exchanger – Proven heat exchanger design featuring 100% welded construction for maximum performance. Large accessible clean out ports.

Radiator – "Wrap-around" style for maximum heat transfer.

Cabinet construction – 22 gauge steel cabinet ensures strength and quiet operation. Access door easily removed for easy access to enclosed burner and controls.

Insulation – Spun glass and aluminum foil for "hand-cool" cabinet.

Burner – Equipped with industry leading Beckett or Riello oil burners which include oil solenoid valve, PSC motor and solid state controls. Factory assembled, wired and tested. Ready to connect to fuel line.

Barometric Draft Control - Included with all chimney vent models.

Blower – Direct drive type. Permanently lubricated, resilient mounted.

PSC Blower Motor (HML/HTL Models) – Designed for heavy duty continuous operation. Thermally protected. Four-speed is standard with ½ HP direct drive models.

ECM Variable Speed Blower Motor (HMLV/HTLV Models) – Maximizes air conditioner efficiencies, reduces electrical operating costs and enhances comfort with programmed ramp up and ramp down operation. Available on ½ HP direct drive models.

Blower Assembly – Full length slide out blower tray allows entire blower assembly to be easily removed for servicing. Controls – (UTEC) Electronic fan timer control is standard on all models.

Air conditioning – Fan timer control is AC ready.

Filter Racks and Washable Air Filters - Included with all models.

Alternate firing rates available for a wide variety of applications (alternate nozzles are field supplied).

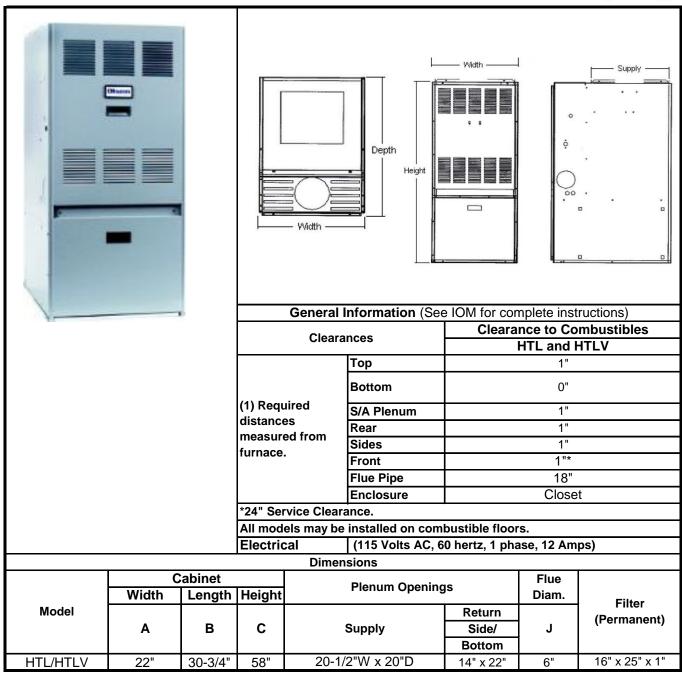
Direct Vent Models – Include Beckett AFII-85 or Riello 40BF3 oil burner with pressure switch system for proving airflow, intake air collar and vent adapter. Vent pipe kits sold separately.

Vent to Appliance adapter included (HML PN 240006902)

#### HTL/HTLV SERIES D

HIGHBOY OIL FURNACES





HTL/HTLV HIGHBOY SERIES CONTINUED HTL/HTLV - HIGHBOY - FRONT FLUE										
MODEL	SKU	TRADE PRICE	FIR. RATE GPH	INPUT/ OUTPUT MBH	AFUE	VENT	BURNER	MOTOR DRIVE	AC RANGE IN TONS	SHIP WGT. (LBS.)
HTL120D2	31312070	\$2,778	1.00	140/117	83.0%	СНІМ.	BECKETT AF	1/2 HP DIRECT	2 - 3.5	
HTL115DRF2	31311573	\$3,019	0.05	133/113	9/1 10/	СПІМ	RIELLO	1/2 HP DIRECT	TONS (650 -	270
HTLV115DRF2	31311578	\$4,004	0.95	133/113	84.1%	CHIM.	40F3	1/2 HP ECM	1400)	
<b>USE FURNACE</b>	<b>USE FURNACE MULTIPLIER FOR ALL OF THE FOLLOWING</b>						PN		TRADE	
Concentric Intake/Vent Terminal HTL					28972 \$549					
Riser Type Intal	Riser Type Intake/Vent Terminal HTL					29231 \$1,288				

#### HTL/HTLV STANDARD EQUIPMENT

#### STANDARD EQUIPMENT:

Heat Exchanger – Proven heat exchanger design featuring 100% welded construction for maximum performance. Large accessible clean out ports. Radiator – "Wrap-around" style for maximum heat transfer.

Cabinet construction – 22 gauge steel cabinet ensures strength and quiet operation. Access door easily removed for easy access to enclosed burner and controls.

Insulation - Spun glass and aluminum foil for "hand-cool" cabinet.

Burner - Equipped with industry leading Beckett or Riello oil burners which include oil solenoid valve, PSC motor and solid state controls. Factory assembled, wired and tested. Ready to connect to fuel line. Barometric Draft Control - Included with all chimney vent models.

Blower – Direct drive type. Permanently lubricated, resilient mounted.

PSC Blower Motor (HML/HTL Models) – Designed for heavy duty continuous operation. Thermally protected. Four-speed is standard with ½ HP direct drive models.

ECM Variable Speed Blower Motor (HMLV/HTLV Models) - Maximizes air conditioner efficiencies, reduces electrical operating costs and enhances comfort with programmed ramp up and ramp down operation. Available on ½ HP direct drive models.

Blower Assembly – Full length slide out blower tray allows entire blower assembly to be easily removed for servicina.

Controls – (UTEC) Electronic fan timer control is standard on all models.

Air conditioning - Fan timer control is AC ready.

Filter Racks and Washable Air Filters - Included with all models.

Alternate firing rates available for a wide variety of applications (alternate nozzles are field supplied). Direct Vent Models - Include Beckett AFII-85 or Riello 40BF3 oil burner with pressure switch system for proving airflow, intake air collar and vent adapter. Vent pipe kits sold separately.

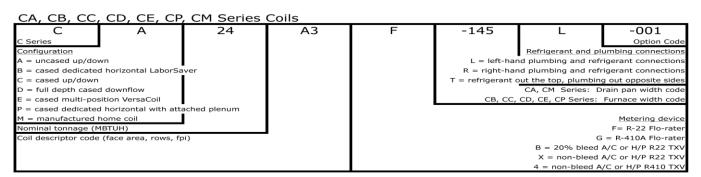
# **OLSEN TRADE PRICE BOOK 2017**

R410A 13 SEER Condensing Units									
PART NO.		DESCRIPTION	SHIP WEIGHT	TRADE I	PRICE				
GSX130181-OL	1.5	Ton Condensing Unit	178	\$1,3	77				
GSX130241-OL	2.0	Ton Condensing Unit	178	\$1,459					
GSX130301-OL	2.5	Ton Condensing Unit	180	\$1,5	30				
GSX130361-OL	3.0	Ton Condensing Unit	197	\$1,6	58				
GSX130421-OL	3.5	Ton Condensing Unit	219	\$1,93	39				
GSX130481-OL	4.0	Ton Condensing Unit	225	\$2,09	94				
GSX130601-OL	5.0	Ton Condensing Unit	240	\$2,499					
CC Series Cased "A" Coils Upflow/Downflow									
PART NO.		CAPACITY	CASE WIDTH (IN.)	PAN TYPE	TRADE PRICE				
CC24A3G-220R	R-066	1.5 & 2 Ton	22		\$440				
CC30C3G-220R	R-066	2.5 Ton	22		\$526				
CC36B3G-220R	R-066	3 Ton	20		\$524				
CC42C3G-220R	R-066	3.5 Ton	22	Painted Galvanized	\$578				
CC48B3G-220R	R-066	4 Ton	22		\$576				
CC60D3G-260R	G-260R-066 5 Ton 26			\$670					
CC60D3G-220R	R-066	5 Ton	22		\$670				
CE Series Cased "A" Coils Multi-Position									
PART NO.		CAPACITY	CASE WIDTH (IN.)	PAN TYPE	TRADE PRICE				
CE24A3G-220R	20R-056 1.5 & 2 Ton 22		22	Painted Galvanized	\$511				
CE30C3G-220R	R-056	2.5 Ton	22	Painted Galvanized	\$592				
CE36B3G-220R	2-056	3 ton	20.5	Painted Galvanized	\$590				

#### **OLSEN TRADE PRICE BOOK 2017**

#### GSX13018-601 R-410A Condenser - Coil Matrix

Oil Furnaces	GSX13018-241	GSX130301	GSX130361	GSX130421	GSX130481	GSX130601
Models	Coil Model	Coil Model	Coil Model	Coil Model	Coil Model	Coil Model
MPL-B	CE24A3G-220R-056	CE30C3G-220R-056	CE36B3G-220R-056	N/A	N/A	N/A
WML/V-C	CE24A3G-220R-056	CE30C3G-220R-056	CE36B3G-220R-056	N/A	N/A	N/A
BCL-190/225	N/A	N/A	N/A	No Match Deep Enough	No Match Deep Enough	CC60D3G-260R-066
BML/V-B	CC24A3G-220R-066	CC30C3G-220R-066	CC36B3G-220R-066	N/A	N/A	N/A
BCL	CC24A3G-220R-066	CC30C3G-220R-066	CC36B3G-220R-066	CC42C3G-220R-066	CC48B3G-220R-066	CC60D3G-260R-066
BFL	CC24A3G-220R-066	CC30C3G-220R-066	CC36B3G-220R-066	CC42C3G-220R-066	CC48B3G-220R-066	CC60D3G-260R-066
HML/V-C	CC24A3G-220R-066	CC30C3G-220R-066	CC36B3G-220R-066	CC42C3G-220R-066	N/A	N/A
HTL/V-D	CC24A3G-220R-066	CC30C3G-220R-066	CC36B3G-220R-066	N/A	CC48B3G-220R-066	CC60D3G-260R-066



#### **OPTION CODES:**

014 - Same as standard except: Double condensate drain, flanged top duct opening.

056 - Same as standard except: Powder coated galvanized metal drain pan with double drain; flanged top duct opening. For use with all oil furnaces.

066 - Same as standard except: Powder coated galvanized metal drain pan with double drain; flanged top duct opening. For use with all oil furnaces.