

IMPORTANT: THIS MANUAL MUST BE KEPT NEAR THE FURNACE FOR FUTURE REFERENCE!!



Oil Fired Warm Air Furnaces BML-B (Lowboy Model) Series B BMLV-B (Lowboy with ECM) Series B

Olsen
Heating & Cooling Products

Airco
Heating & Cooling Products

BML
(Lowboy Model)
BMLV
(Lowboy Model with ECM)
Series B
Oil Fired Warm Air Furnaces

INSTALLATION, OPERATION & MAINTENANCE MANUAL

ECR International
2201 Dwyer Avenue, Utica NY 13501
web site: www.ecrinternational.com

PHM 30149, Rev. F (02/2013)

Installation, Operation & Maintenance Manual 30149 REV F [2/2013]

Olsen
Heating & Cooling Products

Airco
Heating & Cooling Products

OIL FIRED WARM AIR FURNACE

Homeowner Instructions

WARNING
Fire, explosion, asphyxiation and electrical shock hazard. Improper installation and operation could result in death or serious injury. Read this manual and understand all requirements before operating furnace.

WARNING
Keep area clear and free from combustible materials, gasoline and other flammable vapors and liquids. Do not stack, box-in, or store items within the required clearance to combustibles. DO NOT obstruct air openings to the furnace room. Modification, substitution or elimination of factory equipped, supplied or specified components may result in personal injury or loss of life. **TO THE OWNER** - Installation and service of this appliance must be performed by a qualified installer. **TO THE INSTALLER** - Leave all instructions with appliance for future reference.

Save These Instructions For Reference

Manufactured by:
ECR International, Inc.
2201 Dwyer Avenue, Utica NY 13501
web site: www.ecrinternational.com

PHM 240006450, Rev. B (10/2012)

User's Information Manual 240006450 REV B [10/2012]

Olsen
Heating & Cooling Products

Airco
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Direct Vent
Oil Fired Warm Air Furnaces

INSTALLATION, OPERATION & MAINTENANCE MANUAL

WARNING
Fire, explosion, asphyxiation and electrical shock hazard. Improper installation could result in death or serious injury. Read this manual and understand all requirements before beginning installation.

NOTICE
Information contained in this manual pertains to oil fired direct vent furnaces equipped with manufacturer installed blocked vent safety control system (pressure switch).

ALL INSTALLATIONS MUST MEET ALL LOCAL, PROVINCIAL/STATE, AND FEDERAL CODES WHICH MAY DIFFER FROM THIS MANUAL

ECR International
2201 Dwyer Avenue, Utica NY 13501
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PHM 240006979, Rev. I (04/2015)

Direct Vent Oil Fired Furnaces Installation, Operation, Maintenance Manual 240006979 REV I [04/2015]

LIMITED WARRANTY
Oil Furnaces and Air Conditioning Units

PLEASE NOTE: This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Limited Lifetime Heat Exchanger Warranty (Oil Furnaces, Direct Vent)
Subject to the conditions and limitations contained in this Limited Lifetime Heat Exchanger Warranty, the heat exchanger of the furnace will be free from defects in materials and workmanship, provided however, this Limited Lifetime Heat Exchanger Warranty shall apply only to the original installation of the furnace in a single family dwelling unit, with certain exceptions by the Original Purchaser of his or her principal residence.

When the furnace is installed in a premises other than the principal residence of the Original Purchaser, such as a multi-family dwelling, the heat exchanger will be warranted to be free from manufacturer's defects for a period of ten (10) years from the date of original installation.

In any case where "Proof of Original Ownership" cannot be provided, the Limited Lifetime Heat Exchanger warranty will be limited to ten (10) years from the date of original manufacture.

Furnace - Five Year Parts Warranty - Residential
All ECR furnaces from manufacture date of July 1, 1999 or later will carry a 5-year parts warranty. With this warranty, ECR will repair or replace the parts of the furnace that are defective. The furnace will be free from defects in materials and workmanship for a period of five (5) years from the date of original installation, except as provided in the Limited Recouperment Warranty and Limited Lifetime Heat Exchanger Warranty, set forth above.

This 5-year Parts Warranty shall not apply to normal maintenance items such as filters, air belts, hoses or other consumable items. As to the time this 5-year Parts Warranty cover labor for replacing such parts.

Furnace - Non-Residential Installation
When a furnace is installed in an application other than a single family dwelling, the unit will carry a one (1) year parts and a ten (10) year Limited Lifetime Heat Exchanger Warranty. The Limited Lifetime Heat Exchanger Warranty shall apply only to the original installation and is not transferable to another owner/ownerless.

The 1-year warranty shall not apply to normal maintenance items including but not limited to belts, filters, hoses or other consumables. As to the time this 1-year parts warranty cover labor for replacing parts.

Exceptions to Warranty
This Limited Lifetime Heat Exchanger Warranty does not cover:
1. Shipping, labor or related material charges;
2. Damage or defects that affect the physical appearance of the unit, but do not affect its operation; or
3. Damage, defects or failures caused by faulty installation, misapplication, abuse, improper servicing, unauthorized alterations, improper operation or failure to follow the instructions and recommendations of ECR set forth in the installation or user manuals provided by ECR, or damage, defects or failures caused by installation or servicing of the unit by an unlicensed installer or serviceperson, including without limitation, damage caused by the misplacement of the burner or the refractory chamber during installation (burner/corner).

Damage, defects or failures caused by installation that is not performed in compliance with all applicable federal, state and provincial laws or regulations.
4. Damage, defects or failures caused by improper voltage conditions in the installation or interruption of electrical service.
5. Damage, defects or failures caused by accidents or mishandling or unreasonable use or operation of the unit and its components, including without limitation, operation beyond rated capacity and operation of electrical components at voltage other than that specified on the rating plate.
6. Damage, defects or failures caused by failure to protect the furnace and its components against freezing.
7. Damage, defects or failures caused by the use of any parts not supplied or designated by ECR or by the use of any parts manufactured by ECR.
8. Damage, defects or failures caused by a unit being operated in applications contemplated by companies of electric, refrigeration, hydronic, or other damaging mechanical heating installations.
9. Damage, defects or failures caused by conditioned air return air supplied to the furnace being greater than 20% of the furnace's rated capacity.
10. Damage, defects or failures caused by the furnace being installed downstream from a cooling coil.
11. Damage, defects or failures caused by operation of the unit in abnormal ambient conditions.
12. Damage, defects or failures due to a unit being installed in a location with any indoor unit or refrigerant control that does not meet ECR specifications, or
13. Damage, defects or failures as a result of installing or operating an ECR condenser with an indoor unit, air handler or furnace not of a matching capacity.

Limited Warranty 240005038 REV C

Warranty Registration
Engagement de la Garantie

This form must be completed and returned to ECR International within 60 days of purchase. Cette forme doit être complétée et retournée à ECR International en l'espace de 60 jours de l'achat.

Homeowner Name: _____ **Serial No.:** _____
Address: _____ **City:** _____
City: _____ **State:** _____
Province: _____ **Date of Installation:** _____
Country: _____ **Date of Installation:** _____
Company: _____
Company: _____ **Installer Name:** _____
Address: _____ **Address:** _____
Address: _____ **Phone:** _____
Phone: _____ **Telephone:** _____
Cell: _____ **Cell:** _____
Cell: _____ **Cell:** _____

The personal information you provide us will be used and processed by the employees, representatives and agents of ECR and its affiliate and service providers, who may be both inside and outside of Canada, and who may have access to your information for the purposes of fulfilling this warranty program.

Les renseignements personnels que vous nous fournissez sont utilisés et traités par les employés, les représentants et les agents d'ECR International et de ses affiliés et fournisseurs de services, qui peuvent être à l'intérieur et à l'extérieur du Canada. Vos renseignements personnels sont accessibles à nos employés pour le programme de garantie.

Warranty registration is available online at www.ecrinternational.com.
L'engagement de la garantie peut être fait en ligne à www.ecrinternational.com

188-139523 Rev. B

Warranty Registration 1595023 REV B



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