

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



## Oil Fired Warm Air Furnaces HML-C (Up-Flow Model) HMLV-C (Up-Flow Model with ECM)

**HML (Up-Flow Model)  
HMLV (Up-Flow Model with ECM)  
Series C**  
Oil Fired Warm Air Furnaces

**INSTALLATION, OPERATION & MAINTENANCE MANUAL**

**ECR International**  
2201 Dwyer Avenue, Odessa NY 13601  
and 2818 www.ecrinternational.com

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PN 240006979 Rev I [04/2015]

Installation, Operation & Maintenance Manual 30173 REV E [06/2013]

**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**  
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web site: www.ecrinternational.com

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

**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 equipment, 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, Odessa NY 13601  
and 2818 www.ecrinternational.com

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

**LIMITED WARRANTY**  
Oil Furnaces and Air Conditioners A-Calls

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

All ECR Air Conditioners A-Calls carry a 5-year parts warranty.

**Exclusions to Warranty**  
This Limited Warranty does not cover:  
1. Shipping, handling or material handling charges;  
2. Damages or defects that affect the physical appearance of the unit;  
3. Damages, defects or failures caused by faulty completion, misoperation, abuse, improper servicing, unauthorized alterations, improper operation or failure to comply with the specifications and recommendations of ECR set out in the installation or unit manuals provided by ECR;  
4. Damages, defects or failures caused by installation or servicing of the unit by an unlicensed installer or apprentice, including without limitation, damages caused by the reinstallation of the burner or the refractory chamber during installation (Furnaces);  
5. Damages, defects or failures caused by installation that is not performed in compliance with all applicable federal, state and provincial laws or regulations;  
6. Damages, defects or failures caused by improper voltage conditions or the inadequacy or interruption of electrical service;  
7. Damages, defects or failures caused by accidents or negligent or unreasonable use or operation of the unit and its components, including without limitation, electrical operation beyond rated capacity and operation of electrical components at voltage other than that specified on the rating plate;  
8. Damages, defects or failures caused by failure to protect a Furnace and its components against freezing;  
9. Damages, defects or failures caused by the use of parts not supplied or designated by ECR for use in a unit that is not manufactured by ECR;  
10. Damages, defects or failures caused by a unit being operated in conditions not intended by the manufacturer, including but not limited to: operation in areas with high humidity, corrosive or other damaging chemicals causing deterioration of components;  
11. Damages, defects or failures caused by the use of non-return air supplied to the Furnace being greater than 20% of the rated capacity (ECR returns air return air temperature);  
12. Damages, defects or failures caused by the Furnace being installed in an environment with an excessive moisture level;  
13. Damages, defects or failures caused by operation of the unit in abnormal environmental conditions;  
14. Damages, defects or failures as a result of operating a component with an indoor coil or refrigerant control that does not meet ECR's specifications;  
15. Damages, defects or failures as a result of installing or operating an ECR component with an indoor coil, air handler or Furnace not of a matching capacity.

**Residential - Five Year Parts Warranty - Residential Application**  
All ECR Furnaces with a manufacturer date of July 1, 1999 or later will carry a 5-year parts only warranty. With this warranty, ECR warrants to the Original Purchaser that any component to 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 Replacement Warranty and Limited Lifetime Heat Exchanger Warranties, set forth above.

**Furnaces - 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 one (1) year Limited Heat Exchanger Warranty. The Limited Heat Exchanger Warranty shall apply only to the original installation and is not transferable to another owner/property.

The 5-year warranty shall not apply to normal maintenance items, including but not limited to: belts, filters, fuses or other consumables. At no time does this 5-year parts warranty cover labor for replacing parts.

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:** \_\_\_\_\_ **No. Du Série:** \_\_\_\_\_  
**City:** \_\_\_\_\_ **Date of Installation:** \_\_\_\_\_  
**State:** \_\_\_\_\_ **Date de l'Installation:** \_\_\_\_\_  
**Installer Name:** \_\_\_\_\_  
**Company:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_  
**Toll-free:** \_\_\_\_\_  
**E-mail:** \_\_\_\_\_

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

Les renseignements personnels que vous nous fournissez sera utilisé et traité par les employés, représentants et agents de ECR International et ses filiales et fournisseurs de services, qui peuvent être à l'intérieur et à l'extérieur du Canada, et qui ont seulement accès à votre information pour les buts de l'exécution de notre programme de garantie.

**Warranty registration is available online at [www.ecrinternational.com](http://www.ecrinternational.com)**  
**Engagement de la garantie peut être fait en ligne à [www.ecrinternational.com](http://www.ecrinternational.com)**

PN 1595023 Rev B

Warranty Registration 1595023 REV B



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