

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



## Oil Fired Warm Air Furnaces UMLA/UMLVA DV (Multipoise Models)

**Airco Olsen**

**UMLA**  
Four Position Multipoise Model

**UMLVA**  
Four Position Multipoise Model with ECM Series A

Oil Fired Warm Air Furnaces

**INSTALLATION, OPERATION & MAINTENANCE MANUAL**

**SPS** US

**ECR International**

Manufactured by:  
ECR International Inc.  
2201 Dwyer Avenue, U.S.G.A., WI 53001  
Tel: 800-233-7988  
www.ecrinternational.com  
PN 240010964 REV J (03/15/2018)

**Airco Olsen**

**Direct Vent Supplement**  
UMLA / UMLVA 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 provided and field 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.

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Manufactured by:  
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2201 Dwyer Avenue, U.S.G.A., WI 53001  
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PN 240011300 REV E (03/15/2018)

**Airco Olsen**

**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**

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PN 240006450 REV C (03/15/2018)

Installation, Operation & Maintenance Manual 240010964 REV J [03/15/2018]

Installation, Operation & Maintenance Manual 240011300 REV E [03/15/2018]

User's Information Manual 240006450 REV C [03/15/2018]

**OILSEN-AIRCO OIL FURNACES AND AIR CONDITIONING A-COLS**

Effective Date - February 2017

**THIS LIMITED WARRANTY GIVES THE ORIGINAL PURCHASER ONLY SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH VARY FROM STATE-TO-STATE AND PROVINCE-TO-PROVINCE. Keep this warranty certificate and the installation manual supplied with your unit for future reference.**

**Our Warranty**  
By this warranty statement ("Limited Warranty"), ECR International, Inc. ("ECR") issues limited warranties from the date of installation or date of manufacture, as specified herein, of the applicable Oilsen-Airco Oil Furnace ("Furnace") to the Original Purchaser, subject to the terms and conditions stated below. As used in this Limited Warranty "Original Purchaser" shall mean, the end-user that purchased the new Furnace directly (a) from the ECR brand dealer, or (b) in the case of a newly constructed home, from the contractor who purchased such new Furnace directly from an ECR brand dealer or wholesaler for installation and use in the newly constructed home.

**RESIDENTIAL LIMITED LIFETIME HEAT EXCHANGER WARRANTY**  
**MARKET ONLY**  
**OILSEN-AIRCO OIL FURNACES ONLY**  
The following limited warranty shall apply to only the Original Purchaser, at original installation site, of the Oilsen-Airco Oil Furnace in a single or two-family residential dwelling, used without interruption by the Original Purchaser at his or her residence.

**First through Nineteenth Year** - ECR warrants from the date of original manufacture, to the Original Purchaser, during his or her lifetime, that the Heat Exchanger in Oilsen-Airco Oil Furnaces will be free from defects in materials and workmanship. In the event the Heat Exchanger is found to be defective in material or workmanship during this period, ECR will replace the original Heat Exchanger upon the payment of a proportionate charge based on the time the Oilsen-Airco Oil Furnace has been in service.

The proportionate charge will be equal to the appropriate percentage of the net price of such Heat Exchanger at the time the warranty claim is made, and will be determined as follows:

20 <sup>th</sup> Year	21 <sup>st</sup> Year	22 <sup>nd</sup> Year	23 <sup>rd</sup> Year	24 <sup>th</sup> Year
30%	40%	50%	60%	70%

**20<sup>th</sup> Year & Beyond 70%**

Note: If the Heat Exchanger involved is no longer available due to obsolescence or redesign, the value of the proportionate charge, if applicable, will be based on the current net price or net price of the nearest equivalent Heat Exchanger. If no equivalent Heat Exchanger is available, ECR shall have the option to allow a credit towards the purchase of a new Oilsen-Airco Oil Furnace. Such credit shall be based upon the net price of the failed Heat Exchanger and equal to the percent of coverage left on the original Heat Exchanger warranty.

**RESIDENTIAL FIVE YEAR PARTS LIMITED WARRANTY**  
**OILSEN-AIRCO OIL FURNACES AND AIR CONDITIONING A-COLS**  
The following limited warranty shall apply to only the Original Purchaser, at original installation site, of the Oilsen-Airco Oil Furnace or A-Cols in a single or two-family residential dwelling, used without interruption by the Original Purchaser at his or her residence.

All Oilsen-Airco Oil Furnaces and Air Conditioning A-Cols carry a 5-Year parts only limited warranty. ECR warrants its Oilsen-Airco Oil Furnace and A-Cols components used in residential applications to be free from defects in material and workmanship under normal usage for a period of five (5) years from the date of original installation. In the event that any part of such Oilsen-Airco Oil Furnace or A-Cols is found to be defective in material or workmanship during this five-year period, then ECR will repair or replace, at its option, the defective part. Labor charges to diagnose, troubleshoot, remove and install required or replaced parts are the responsibility of the Original Purchaser along with any freight charges.

This 5-Year Parts Limited Warranty shall not apply to normal maintenance items including but not limited to filters, fan belts, fuses or other consumable items. At no time does this 5-Year Parts Limited Warranty cover labor for replacing such parts.

**COMMERCIAL 10-YEAR LIMITED HEAT EXCHANGER WARRANTY**  
**OILSEN-AIRCO OIL FURNACES ONLY**  
The following ten (10) year limited warranty shall apply to only the Original Purchaser, at original installation site, of the Oilsen-Airco Oil Furnace in a three or more family dwelling or commercial business, used without interruption by the Original Purchaser.

**First through Tenth Year** - ECR warrants from the date of original manufacture, to the Original Purchaser, that the Heat Exchanger in Oilsen-Airco Oil Furnaces will be free from defects in materials and workmanship for a period of ten (10) years. In the event that the Heat Exchanger of such Oilsen-Airco Oil Furnace is found to be defective in material or workmanship during this period, then ECR will repair or replace, at its option, the defective part. Labor charges to diagnose, troubleshoot, remove and install required or replaced parts are the responsibility of the Original Purchaser along with any freight charges.

**ECR International** EST. 1928

A Family of Heating & Cooling Brands.

**Airco Argo Dunkirk EMCO Olsen Pennco Retroaire Trinity**

Thank you for your recent purchase!

Visit [www.ecrinternational.com](http://www.ecrinternational.com) to register your unit and view our special warranty offers!

**TRINITY**

\*Unit must be registered within 60 days from the date of original installation  
\*All terms of Trinity Extended Service Agreement apply

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**ECR International** **Warranty Registration**  
à l'usage de l'installateur et du client

This form must be completed and returned to ECR International within 60 days of purchase. Other forms will file completion of return of ECR International on orders on 60 days of purchase.

**Manufacturer Name:** \_\_\_\_\_ **Serial No.:** \_\_\_\_\_  
**Model No.:** \_\_\_\_\_ **No. of Units:** \_\_\_\_\_  
**Address:** \_\_\_\_\_ **Model No.:** \_\_\_\_\_ **No. of Models:** \_\_\_\_\_

**City:** \_\_\_\_\_ **Date of Installation:** \_\_\_\_\_  
**State/Prov.:** \_\_\_\_\_ **Installer Name:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Company:** \_\_\_\_\_  
**Fax:** \_\_\_\_\_ **Address:** \_\_\_\_\_  
**E-mail:** \_\_\_\_\_ **City:** \_\_\_\_\_  
**Country:** \_\_\_\_\_ **Prov/Postal code:** \_\_\_\_\_

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

**Warranty registration is available online at [www.ecrinternational.com](http://www.ecrinternational.com).**

Warranty Registration 1595023 REV D

Limited Warranty 240005038 REV E [02/01/2017]

Special Warranty Offer 240011524 [05/16/2016]

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Envelope Assy Master 3002331 REV H [03/15/2018]