Effective 1/1/18



## I-verter Series Variable Speed Heat Pump Ductless Split Systems Single Zone and Multi-Zone Condensers Wall and Ceiling Cassette Air Handlers









## **Customer Service Technical Support**

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

www.enviromaster.com

## **Corporate Sales**

Phone: 877-386-5479 Fax: 716-366-4670

### Literature

literature@ecrinternational.com



**ECR International:** 2201 Dwyer Avenue, Utica, NY 13501 Tel. 315 797 1310 or 800 325 5479 Fax. 315 724 9319 www.ecrinternational.com P/N 240004843 Rev G 1/18

# **Table of Contents**

Page 1	-	Cover
Page 2	-	Table of Contents
Page 3	-	Terms of Sale and RMA Policy
Page 4	-	EMI I-verter Series Ductless Split System Air Handler Decoding
Page 5	-	EMI I-verter Series Ductless Split System Condenser Decoding
Page 6	-	EMI I-verter Series Single Zone Variable Speed Heat Pump Ductless Split Systems
Page 7	-	EMI I-verter Series Single Zone Variable Speed Heat Pump Ductless Split Systems
Page 8	-	EMI I-verter Series Multi-Zone Variable Speed Heat Pump Ductless Split Systems
Page 9	-	EMI I-verter Series Multi-Zone Variable Speed Heat Pump Split System Combinations
Page 10	-	EMI I-verter Series Multi-Zone Variable Speed Heat Pump Split System Line Sets
Page 11	-	Standard EMI Limited Product Warranty

## **Terms of Sale and RMA Policy**

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

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

**ORDERS: All EMI 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.

**LEAD TIMES:** Customers are encouraged to check with the factory for product availability. **ECR will not carry inventory of special models.** 

LARGE JOBS: Please consult the factory for pricing and availability for any special order models or more than 48 systems.

**TAXES:** Add to the prices and terms quoted any manufacturers' or sales tax payable on the transaction under any effective statute. All orders must include sales tax or resale certificate of sales tax exemption (If not already on file).

### **SHIPMENT**

**Freight Terms:** Free Freight Allowed on 12 Systems or more to any Single Destination in Continental US excluding Alaska. Orders with other ECR products can be combined to qualify against standard freight policy.

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.)
- Electrical Characteristics (i.e. Operating Voltage, Cycles, Phases, etc.)
- 10) Non-Standard Equipment (Indicate "Optional" when substituted for standard equipment at extra cost listed. Indicate "Additional" when added to standard equipment).
- 11) Kits or Parts (Orders for kits/parts must minimally indicate equipment size & Series, complete model number preferred.
- 12) Submit order to: <u>ECRorderentry@ecrinternational.com</u>

OR FAX: 1-866-432-7329

13) Remit To Address: ECR International, Inc.

P.O. Box 8000 Department 039

Buffalo, NY 14267

## RMA POLICY

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 warranty claims must be approved by ECR and require a RMA number prior to the return of the material. A request must be completed via ECR International's online web portal. Please logon 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.

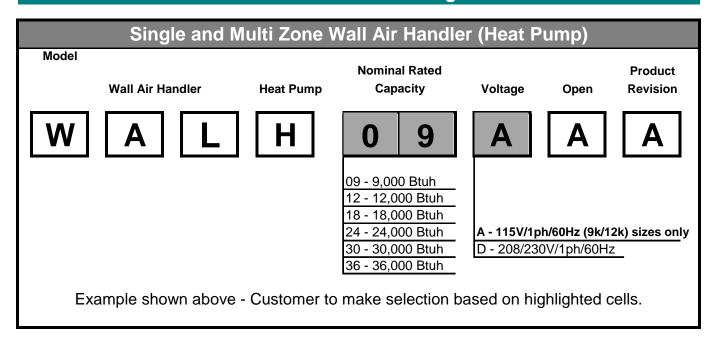
<u>Eligibility</u> - Special Order Products are not eligible for return as new and unused product. Request for Warranty Returns must be made within the period covered by the warranty and must fall under the terms and conditions specified in the warranty.

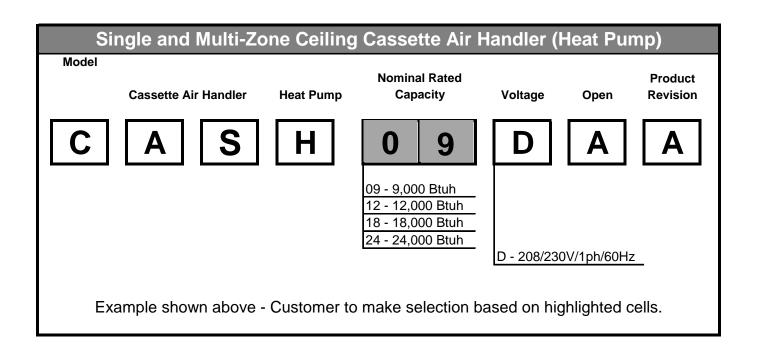
**RMA Expiration** - Once the RMA # is issued, the product must be returned within 90 days of the RMA date, or the RMA will be canceled. Products approved for return that are received after 90 days from the RMA date will not be accepted.

<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 must be shipped prepaid by the customer unless otherwise directed by ECR. Ship all approved return material to the facility indicated on the approved RMA.

http://www.ecrcustomerportal.com

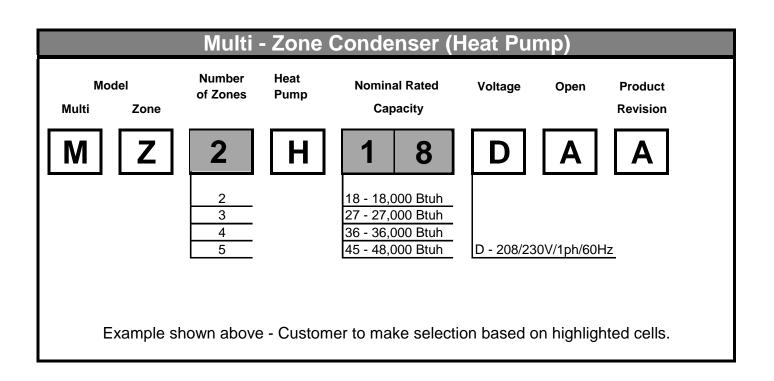
# EMI I-verter Series Variable Speed Heat Pump Ductless Split Systems Air Handler Decoding





# EMI I-verter Series Variable Speed Heat Pump Ductless Split Systems Condenser Decoding

Single Zone Condenser (Heat Pump)										
Model Single Zone		Number of Zones	Heat Pump	Nominal Rated Capacity	Voltage	Open	Product Revision			
S	Z	1	Н	0 9	Α	Α	Α			
09 - 9,000 Btuh 12 - 12,000 Btuh 18 - 18,000 Btuh 24 - 24,000 Btuh 30 - 30,000 Btuh 36 - 36,000 Btuh  10 - 208/230V/1ph/60Hz  11 - 208/230V/1ph/60Hz										
Е	xample sh	nown above	- Custon	ner to make selecti	on based o	on highligh	nted cells.			



# EMI I-verter Series Single Zone Variable Speed Heat Pump Ductless Split Systems Wall Air Handlers







Outdoor 9K

Outdoor 12K

Indoor wall unit

	EMI I-verter Series Single Zone Variable Speed Heat Pump Systems, 115V										
Btuh	Indoor #	Indoor \$	Outdoor #	Outdoor \$	SEER	HSPF	EER	System \$			
9,000	WALH09AAA	\$ 538	SZ1H09AAA	\$ 806	22.5	10.5	13.5	\$ 1,344			
12,000	WALH12AAA	\$ 599	SZ1H12AAA	\$ 898	21.5	11.2	12.5	\$ 1,497			











Outdoor 9K

Outdoor 12K

Outdoor 18K

Outdoor 24K, 30K, 36K

Indoor wall unit

	EMI I-verter Series Single Zone Variable Speed Heat Pump Systems, 208-230V										
Btuh	Indoor #	Indoor \$	Outdoor #	Outdoor \$	SEER	HSPF	EER	System \$			
9,000	WALH09DAA	\$ 586	SZ1H09DAA	\$ 879	22.8	10.5	14	\$ 1,465			
12,000	WALH12DAA	\$ 607	SZ1H12DAA	\$ 910	21.5	9.8	13	\$ 1,517			
18,000	WALH18DAA	\$ 827	SZ1H18DAA	\$ 1,241	20.8	10	13	\$ 2,068			
24,000	WALH24DAA	\$ 1,008	SZ1H24DAA	\$ 1,544	20.5	10	12.5	\$ 2,552			
30,000	WALH30DAA	\$ 1,350	SZ1H30DAA	\$ 2,025	18.0	9.6	10.5	\$ 3,375			
36,000	WALH36DAA	\$ 1,518	SZ1H36DAA	\$ 2,277	16.0	10	8.5	\$ 3,795			

Single Zone Accessories (Optional)								
Part #	Description	Price Each						
240003106	Condensate Pump, Stand-Alone, 208-230v, 144" Lift, External Floor Mount, Field-installed	\$ 113						
240003107	Condensate Pump, Stand-Alone, 115v, 144" Lift, External Floor Mount, Field-installed	\$ 113						
KJR12B	Wired Wall Thermostat, Celsius	\$ 70						
KJR12BDPTF1	Wired Wall Thermostat, Fahrenheit	\$ 70						

## Notes:

Control & Power wiring are high-voltage, field-supplied per local code requirements.

An Infrared Hand-Held Remote Controller comes with every air handler.

Optional Wired Wall Thermostats are available.

# EMI I-verter Series Single Zone Variable Speed Heat Pump Ductless Split Systems Ceiling Cassettes











Outdoor 9K

Outdoor 12K

Outdoor 18K

Outdoor 24K

Cassette

## EMI I-verter Series Single Zone Variable Speed Heat Pump Ceiling Cassette Systems, 208-230V

Btuh	Indoor #	Indoor \$	Outdoor #	Outdoor \$	SEER	HSPF	EER	System \$
9,000	CASH09DAA	\$ 683	SZ1H09DAA	\$ 879	20.0	10.5	13.0	\$ 1,562
12,000	CASH12DAA	\$ 730	SZ1H12DAA	\$ 910	21.5	10.5	14.0	\$ 1,640
18,000	CASH18DAA	\$ 788	SZ1H18DAA	\$ 1,241	20.0	10.3	12.5	\$ 2,029
24,000	CASH24DAA	\$ 940	SZ1H24DAA	\$ 1,544	20.0	10.5	12.5	\$ 2,484

Btuh Unit Size	Part Number - MUST BE ORDERED WITH ABOVE CASSETTE UNITS	Facia Pricing
9,000 12,000 18,000	TMBQ403E - Facia Panel - Must be ordered with unit listed above. Packaged and Sold Separately.	\$101
24,000	TMBQ02C1 - Facia Panel - Must be ordered with unit listed above. Packaged and Sold Separately.	\$118

Single Zone Accessories (Optional)							
Part #	Description	Price Each					
240003106	Condensate Pump, Stand-Alone, 208-230v, 144" Lift, External Floor Mount, Field-installed	\$ 113					
240003107	Condensate Pump, Stand-Alone, 115v, 144" Lift, External Floor Mount, Field-installed	\$ 113					
KJR12B	Wired Wall Thermostat, Celsius	\$ 70					
KJR12BDPTF1	Wired Wall Thermostat, Fahrenheit	\$ 70					

#### Notes:

Control & Power wiring are high-voltage, field-supplied per local code requirements. An Infrared Hand-Held Remote Controller comes with every air handler. Optional Wired Wall Thermostats are available.

## **EMI I-verter Series Multi-Zone Variable Speed Heat Pump Ductless Split Systems**









Outdoor 18K, 27K, 36K

Outdoor 48K

Indoor Wall

**Indoor Cassette** 

EMI I-verter Series Multi-Zone Variable Speed Heat Pump Condensers, 208-230
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Btuh	Outdoor #	Zones	SEER	HSPF	EER	<b>Outdoor Price \$</b>
18,000	MZ2H18DAA	2	21.5	10.0	12.5	\$2,168
27,000	MZ3H27DAA	3	22.0	9.8	12.0	\$2,767
36,000	MZ4H36DAA	4	22.5	10.3	10.9	\$3,817
48,000	MZ5H45DAA	5	21.5	10.4	11.6	\$4,940

## EMI I-verter Series Multi-Zone Heat Pump Wall Air Handlers, 208-230V

Btuh	Indoor #	Type	SEER	HSPF	EER	Indoor Price \$
9,000	WALH09DAA	Wall	22.8	10.5	14.0	\$586
12,000	WALH12DAA	Wall	21.5	9.8	13.0	\$607
18,000	WALH18DAA	Wall	20.8	10.0	13.0	\$827
24,000	WALH24DAA	Wall	20.5	10.0	12.5	\$1,008

## EMI I-verter Series Multi-Zone Heat Pump Ceiling Cassette Air Handlers, 208-230V

Btuh	Indoor #	Type	SEER	HSPF	EER	Indoor Price \$
9,000	CASH09DAA	Cassette	20.0	10.5	13.0	\$683
12,000	CASH12DAA	Cassette	21.5	10.5	14.0	\$730
18,000	CASH18DAA	Cassette	20.0	10.3	12.5	\$788
24,000	CASH24DAA	Cassette	20.0	10.5	12.5	\$940

### Air Panel Facia - must be ordered separately from unit

Btuh Unit Size	Part Number	Facia Pricing
9,000		
12,000	TMBQ403E - Facia Panel - Must be ordered with unit listed above. Packaged and Sold Separately	\$101
18,000		
24,000	TMBQ02C1 - Facia Panel - Must be ordered with unit listed above. Packaged and Sold Separately	\$118

## **Multi-Zone Accessories (Optional)**

Part #	Description	Price Each
240003106	Condensate Pump, Stand-Alone, 208-230v, 144" Lift, External Floor Mount, Field-installed	\$ 113
240003107	Condensate Pump, Stand-Alone, 115v, 144" Lift, External Floor Mount, Field-installed	\$ 113
KJR12B	Wired Wall Thermostat, Celsius	\$ 70
KJR12BDPTF1	Wired Wall Thermostat, Fahrenheit	\$ 70

### Notes:

Control & Power wiring are high-voltage, field-supplied per local code requirements.

An Infrared Hand-Held Remote Controller comes with every air handler.

Optional Wired Wall Thermostats are available.

## **EMI I-verter Series Multi-Zone Variable Speed Heat Pump Ductless Split System Combinations**

Air Handler Combinations, per Condenser Model				
Model #	2-Zone	3-Zone	4-Zone	5-Zone
MZ2H18DAA	9K + 9K 9K + 12K 12K + 12K	N/A	N/A	N/A
MZ3H27DAA	9K + 9K 9K + 12K 9K + 18K 12K + 12K 12K + 18K 18K + 18K	9K + 9K + 9K 9K + 9K + 12K 9K + 12K + 12K 9K + 9K + 18K 12K + 12K + 12K	N/A	N/A
MZ4H36DAA	9K + 9K 9K + 12K 9K + 18K 9K + 24K 12K + 12K 12K + 18K 12K + 24K 18K + 18K	9K + 9K + 9K 9K + 9K + 12K 9K + 9K + 18K 9K + 12K + 12K 9K + 12K + 18K 9K + 18K + 18K 12K + 12K + 12K 12K + 12K + 24K 12K + 18K + 18K	9K + 9K + 9K + 9K 9K + 9K + 9K + 12K 9K + 9K + 9K + 18K 9K + 9K + 12K + 12K 9K + 9K + 12K + 12K 9K + 12K + 12K + 12K	N/A
MZ5H45DAA	9K + 18K 9K + 24K 12K + 12K 12K + 18K 12K + 24K 18K+18K 18K+24K 24K+24K	9K + 9K + 9K 9K + 9K + 12K 9K + 9K + 18K 9K + 9K + 24K 9K + 12K + 12K 9K + 12K + 18K 9K + 12K + 24K 9K + 12K + 24K 9K + 18K + 24K 9K + 18K + 24K 12K + 12K + 12K 12K + 12K + 18K 12K + 12K + 18K 12K + 18K + 24K 12K + 18K + 24K 12K + 18K + 18K 12K + 18K + 24K 12K + 24K + 24K 12K + 24K + 24K 12K + 24K + 24K 12K + 24K + 24K	9K + 9K + 9K + 9K 9K + 9K + 9K + 12K 9K + 9K + 9K + 18K 9K + 9K + 9K + 24K 9K + 9K + 12K + 12K 9K + 9K + 12K + 18K 9K + 9K + 12K + 24K 9K + 9K + 18K + 24K 9K + 9K + 18K + 24K 9K + 12K + 12K + 12K 9K + 12K + 12K + 12K 9K + 12K + 12K + 18K 9K + 12K + 12K + 18K 12K + 12K + 12K + 24K 12K + 12K + 12K + 18K	9K + 9K + 9K + 9K + 9K 9K + 9K + 9K + 9K + 12K 9K + 9K + 9K + 9K + 18K 9K + 9K + 9K + 9K + 24K 9K + 9K + 9K + 12K + 12K 9K + 9K + 9K + 12K + 18K 9K + 9K + 12K + 12K + 18K 9K + 9K + 12K + 12K + 12K 9K + 12K + 12K + 12K + 18K 9K + 12K + 12K + 12K + 12K 9K + 12K + 12K + 12K + 12K

Single & Multi-Zone Line Sets				
Part #	Description	Price Each		
F0323161A	Insulated Tube Set, 3/8X1/4X16' (5 meters) Flared Connections WALH & CASH 09 size only	\$ 68		
F0323261A	Insulated Tube Set, 3/8X1/4X26' (8 meters) Flared Connections WALH & CASH 09 size only	\$ 105		
F0323491	Insulated Tube Set, 3/8X1/4X49' (15 meters) Flared Connections WALH & CASH 09 size only	\$ 210		
F0423161A	Insulated Tube Set, 1/2X1/4X16' (5 meters) Flared Connections WALH & CASH 12 & 18 sizes	\$ 79		
F0423261A	Insulated Tube Set, 1/2X1/4X26' (8 meters) Flared Connections WALH & CASH 12 & 18 sizes	\$ 126		
F0423491	Insulated Tube Set, 1/2X1/4X49' (15 meters) Flared Connections WALH & CASH 12 & 18 sizes	\$ 233		
F0533262A	Insulated Tube Set, 5/8X3/8X26' (8 meters) Flared Connections WALH & CASH 24, 30 & 36 sizes	\$ 184		
F0533492A	\$ 310			

## **Standard EMI I-verter Limited Product Warranty**

### EMI I-VERTER DUCTLESS SPLIT SYSTEMS LIMITED WARRANTY

Effective Date September 1, 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 of the applicable EMI Product ("Product") to the Original Purchaser (as defined herein), 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 Product directly (a) from the EMI brand dealer; or (b) in the case of a newly constructed home, from the contractor who purchased such new Product directly from an EMI brand dealer or wholesaler for installation and use in the newly constructed home.

## EMI I-VERTER SERIES COMMERCIAL AND RESIDENTIAL LIMITED WARRANTY

The following limited warranty shall apply to only the Original Purchaser, at original installation site, of the I-verter Ductless Split System used without interruption by the Original Purchaser.

ECR warrants its I-verter Ductless Split Systems used in commercial and residential applications to be free from defects in material and workmanship under normal usage for a period of two (2) years from the date of original installation. In the event that any part of such system is found to be defective in material or workmanship during this two-year period, then ECR will repair or replace, at its option, the defective part. Labor charges to diagnose, troubleshoot, remove and install repaired or replaced parts are the responsibility of the Original Purchaser along with any freight charges.

I-verter Unit Compressors shall be free from defects in materials and workmanship under normal usage and maintenance for a period of six (6) years from the date of original installation. In the event that the I-verter Unit Compressor 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 repaired or replaced parts are the responsibility of the Original Purchaser along with any freight charges.

## LIMITATIONS/EXCLUSIONS – APPLIES TO ALL WARRANTIES

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 ECR will under no circumstances be responsible for and does not warrant damages or costs due to or arising from misapplication or misuse, improper installation or service, components not supplied or approved by ECR, including, without limitation, indoor and outdoor units supplied by others, installation and normal maintenance such as, but not limited to, replacing air filters, cleaning, air flow adjustments, Products manufactured or distributed by ECR but installed outside the United States and Canada, damages from unauthorized alteration, application or improper operation, the failure of external wiring or other attachments and accessory products not integral to the Product or the use of parts not supplied or designated by ECR or damages or repairs as a consequence of shipping or handling, damages caused by faulty or interrupted power supply or electrical service, damages caused by acts of God including, but not limited to, wind, hail, floods, lightening, earthquakes or other conditions beyond the control of ECR.

- 2. For all sales not subject to the Magnuson-Moss Warranty Act, there are no implied warranties of merchantability or fitness for a particular purpose, all of which are hereby specifically disclaimed. For all other sales, all implied warranties of merchantability and/or fitness for any particular purpose are limited in duration to the period of this Limited Warranty. The rights and remedies provided herein are exclusive and constitute the entire contract. This limited warranty and any optional extended warranties are granted only to the Original Purchaser and become null and void if payment for the goods or product is in default. This Limited Warranty is not transferable.
- 3. This Limited Warranty in no way can be considered as a guarantee of workmanship of an installer or repairman connected with the installation or service of the Product or as imposing on ECR liability of any nature for unsatisfactory performance as a result of faulty workmanship in the installation or service of the Product, which liability is expressly disclaimed.
- 4. ECR EXPRESSLY DISCLAIMS, AND IN NO EVENT SHALL ECR BE LIABLE (WHETHER FOR BREACH OF THIS LIMITED WARRANTY OR CONTRACT, FOR STRICT LIABILITY FOR NEGLIGENCE, OR OTHERWISE), FOR ANY SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, LOSS OF GOODWILL, LOSS OF TIME OR CONVENIENCE, LOSS OF USE OF THE PRODUCT, THE COST OF A PRODUCT RENTAL, COSTS OF GASOLINE, ELECTRICITY,

## **Standard EMI I-verter Limited Product Warranty**

### EMI I-VERTER DUCTLESS SPLIT SYSTEMS LIMITED WARRANTY

Effective Date September 1, 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.

TELEPHONE, TRAVEL OR LODGING, OR THE LOSS OF PERSONAL OR COMMERCIAL PROPERTY, WHETHER OR NOT ECR HAS BEEN ADVISED OF THE POSSIBILITY OF ANY SUCH DAMAGES.

PLEASE NOTE: Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations and exclusions may not apply to you.

5. In no event shall ECR's obligations under this Limited Warranty exceed the purchase price of the Product. Any repairs or replacement performed under this Limited Warranty will apply to the original warranty period only and shall not in any way extend the statute of limitations for claims under this limited warranty.

#### MISCELLANEOUS

The Magnuson-Moss Warranty Act applies to "consumer" sales as contrasted with "commercial" sales. A consumer sale is one to a buyer for personal, family or household purposes and not for the purpose of resale.

By "implied warranties" we mean ones the law presumes to have been given by the seller even though they are not set out in writing.

"Fitness for a particular purpose" means the seller knows the particular purpose for which the buyer requires the goods, and the buyer relies on the seller's skill and judgment in making the purchase.

"Merchantable" means that the product is fit for the ordinary purposes for which that kind of product is used.

"Incidental" damages include expenses of inspection, obtaining substitute goods, transportation, etc.

"Consequential" damages include injury to persons or property resulting from a breach of warranty, and any loss from general or particular requirements known to us and which you cannot reasonably prevent.

If any provision of this Limited Warranty shall be determined to be illegal, unconscionable or unenforceable, all other terms and provisions hereof shall nevertheless remain effective and shall be enforced to the fullest extent permitted by law. The warranties made under this Limited Warranty are exclusive and may not be altered, enlarged or changed by a distributor, dealer, or other person whatsoever.

#### PROCEDURE FOR OBTAINING WARRANTY SERVICE

For prompt warranty service, notify the installer who, in turn, will notify the EMI distributor from whom such installer purchased the Product. If this action does not result in warranty service, the Original Purchaser or installer should contact ECR Customer Service (see contact information below), giving full particulars in support of the claim. Alleged defective part(s) must be returned through trade channels in accordance with ECR's procedure currently in force for handling returned goods for the purpose of inspection or determining the cause of failure. ECR will furnish the new part(s) to an authorized EMI distributor who, in turn, will furnish the part(s) to the contractor who installed the Product.

#### ECR International, Inc.

2201 Dwyer Ave. • P.O. Box 4729 • Utica, New York 13504-4729 Ph: 315/797-1310 Customer Service Fax: 315/724-9319 E-Mail: info@ecrinternational.com Web: www.ecrinternational.com

PN 240011257 Rev. B