



**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**
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Literature
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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 | 10) Non-Standard Equipment (Indicate "Optional" when substituted for standard equipment at extra cost listed. Indicate "Additional" when added to standard equipment). |
| 2) Bill To Address | 11) Kits or Parts (Orders for kits/parts must minimally indicate equipment size & Series, complete model number preferred. |
| 3) Ship To Address | 12) Submit order to: ECRorderentry@ecrinternational.com |
| 4) Method of Shipment (i.e. - trailer load, UPS, etc.) | OR FAX: 1-866-432-7329 |
| 5) Requested Ship Date | 13) Remit To Address: ECR International, Inc. |
| 6) Special Instructions (i.e. - "Carrier to call...") | P.O. Box 8000 Department 039 |
| 7) Pricing | Buffalo, NY 14267 |
| 8) Product Description (i.e. - Model, Size, Series, etc.) | |
| 9) Electrical Characteristics (i.e. - Operating Voltage, Cycles, Phases, etc.) | |

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.

Prior Approval Required - 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.

Eligibility - 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.

Shipping & Packaging - 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

Single and Multi Zone Wall Air Handler (Heat Pump)

Model				Nominal Rated Capacity		Voltage	Open	Product Revision
Wall Air Handler	Heat Pump							
W	A	L	H	0	9	A	A	A
				09 - 9,000 Btuh 12 - 12,000 Btuh 18 - 18,000 Btuh 24 - 24,000 Btuh 30 - 30,000 Btuh 36 - 36,000 Btuh		A - 115V/1ph/60Hz (9K/12k) sizes only D - 208/230V/1ph/60Hz		

Example shown above - Customer to make selection based on highlighted cells.

Single and Multi-Zone Ceiling Cassette Air Handler (Heat Pump)

Model				Nominal Rated Capacity		Voltage	Open	Product Revision
Cassette Air Handler	Heat Pump							
C	A	S	H	0	9	D	A	A
				09 - 9,000 Btuh 12 - 12,000 Btuh 18 - 18,000 Btuh 24 - 24,000 Btuh		D - 208/230V/1ph/60Hz		

Example shown above - Customer to make selection based on highlighted cells.

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	H	0	9	A	A	A
				09 - 9,000 Btuh 12 - 12,000 Btuh 18 - 18,000 Btuh 24 - 24,000 Btuh 30 - 30,000 Btuh 36 - 36,000 Btuh		A - 115V/1ph/60Hz (9k/12k) sizes only D - 208/230V/1ph/60Hz		

Example shown above - Customer to make selection based on highlighted cells.

Multi - Zone Condenser (Heat Pump)

Model Multi	Zone	Number of Zones	Heat Pump	Nominal Rated Capacity		Voltage	Open	Product Revision
M	Z	2	H	1	8	D	A	A
		2 3 4 5		18 - 18,000 Btuh 27 - 27,000 Btuh 36 - 36,000 Btuh 45 - 48,000 Btuh		D - 208/230V/1ph/60Hz		

Example shown above - Customer to make selection based on highlighted 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	\$ 512	SZ1H09AAA	\$ 768	22.5	10.5	13.5	\$ 1,280
12,000	WALH12AAA	\$ 570	SZ1H12AAA	\$ 855	21.5	11.2	12.5	\$ 1,425



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	\$ 558	SZ1H09DAA	\$ 837	22.8	10.5	14	\$ 1,395
12,000	WALH12DAA	\$ 578	SZ1H12DAA	\$ 867	21.5	9.8	13	\$ 1,445
18,000	WALH18DAA	\$ 788	SZ1H18DAA	\$ 1,182	20.8	10	13	\$ 1,970
24,000	WALH24DAA	\$ 960	SZ1H24DAA	\$ 1,470	20.5	10	12.5	\$ 2,430
30,000	WALH30DAA	\$ 1,286	SZ1H30DAA	\$ 1,929	18.0	9.6	10.5	\$ 3,215
36,000	WALH36DAA	\$ 1,446	SZ1H36DAA	\$ 2,169	16.0	10	8.5	\$ 3,615

Single Zone Accessories (Optional)

Part #	Description	Price Each
240003106	Condensate Pump, Stand-Alone, 208-230v, 144" Lift, External Floor Mount, Field-installed	\$ 107
240003107	Condensate Pump, Stand-Alone, 115v, 144" Lift, External Floor Mount, Field-installed	\$ 107
KJR12B	Wired Wall Thermostat, Celsius	\$ 67
KJR12BDPTF1	Wired Wall Thermostat, Fahrenheit	\$ 67

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	\$ 650	SZ1H09DAA	\$ 837	20.0	10.5	13.0	\$ 1,487
12,000	CASH12DAA	\$ 695	SZ1H12DAA	\$ 867	21.5	10.5	14.0	\$ 1,562
18,000	CASH18DAA	\$ 750	SZ1H18DAA	\$ 1,182	20.0	10.3	12.5	\$ 1,932
24,000	CASH24DAA	\$ 895	SZ1H24DAA	\$ 1,470	20.0	10.5	12.5	\$ 2,365

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.	\$96
24,000	TMBQ02C1 - Facia Panel - Must be ordered with unit listed above. Packaged and Sold Separately.	\$112

Single Zone Accessories (Optional)

Part #	Description	Price Each
240003106	Condensate Pump, Stand-Alone, 208-230v, 144" Lift, External Floor Mount, Field-installed	\$ 107
240003107	Condensate Pump, Stand-Alone, 115v, 144" Lift, External Floor Mount, Field-installed	\$ 107
KJR12B	Wired Wall Thermostat, Celsius	\$ 67
KJR12BDPTF1	Wired Wall Thermostat, Fahrenheit	\$ 67

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, 208-230V

Btuh	Outdoor #	Zones	SEER	HSPF	EER	Outdoor Price \$
18,000	MZ2H18DAA	2	21.5	10.0	12.5	\$2,065
27,000	MZ3H27DAA	3	22.0	9.8	12.0	\$2,635
36,000	MZ4H36DAA	4	22.5	10.3	10.9	\$3,635
48,000	MZ5H45DAA	5	21.5	10.4	11.6	\$4,705

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	\$558
12,000	WALH12DAA	Wall	21.5	9.8	13.0	\$578
18,000	WALH18DAA	Wall	20.8	10.0	13.0	\$788
24,000	WALH24DAA	Wall	20.5	10.0	12.5	\$960

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	\$650
12,000	CASH12DAA	Cassette	21.5	10.5	14.0	\$695
18,000	CASH18DAA	Cassette	20.0	10.3	12.5	\$750
24,000	CASH24DAA	Cassette	20.0	10.5	12.5	\$895

Air Panel Facia - must be ordered separately from unit

Btuh Unit Size	Part Number	Facia Pricing
9,000 12,000 18,000	TMBQ403E - Facia Panel - Must be ordered with unit listed above. Packaged and Sold Separately.	\$96
24,000	TMBQ02C1 - Facia Panel - Must be ordered with unit listed above. Packaged and Sold Separately.	\$112

Multi-Zone Accessories (Optional)

Part #	Description	Price Each
240003106	Condensate Pump, Stand-Alone, 208-230v, 144" Lift, External Floor Mount, Field-installed	\$ 107
240003107	Condensate Pump, Stand-Alone, 115v, 144" Lift, External Floor Mount, Field-installed	\$ 107
KJR12B	Wired Wall Thermostat, Celsius	\$ 67
KJR12BDPTF1	Wired Wall Thermostat, Fahrenheit	\$ 67

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 and Line Sets

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

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	\$ 65
F0323261A	Insulated Tube Set, 3/8X1/4X26' (8 meters) Flared Connections WALH & CASH 09 size only	\$ 100
F0323491	Insulated Tube Set, 3/8X1/4X49' (15 meters) Flared Connections WALH & CASH 09 size only	\$ 200
F0423161A	Insulated Tube Set, 1/2X1/4X16' (5 meters) Flared Connections WALH & CASH 12 & 18 sizes	\$ 75
F0423261A	Insulated Tube Set, 1/2X1/4X26' (8 meters) Flared Connections WALH & CASH 12 & 18 sizes	\$ 120
F0423491	Insulated Tube Set, 1/2X1/4X49' (15 meters) Flared Connections WALH & CASH 12 & 18 sizes	\$ 222
F0533262A	Insulated Tube Set, 5/8X3/8X26' (8 meters) Flared Connections WALH & CASH 24, 30 & 36 sizes	\$ 185
F0533492A	Insulated Tube Set, 5/8x3/8X49' (15 meters) Flared Connections WALH & CASH 24, 30 & 36 sizes	\$ 345

Standard EMI Limited Product Warranty



LIMITED WARRANTY

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

Enviromaster International, LLC (hereafter known as **EMI**) offers to the original purchaser/owner that under normal use and maintenance for comfort cooling and conditioning applications, all **EMI** products will be free from defects in material and workmanship for a period of 24 months from the documented date of original installation or 30 months from the date of manufacture, if the documented date of original installation is not available. Unit compressors shall be free from defects in materials and workmanship under normal use and maintenance for a period 72 months from the documented date of original installation or 78 months from the date of manufacture, if the documented date of original installation is not available.

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

WHAT EMI WILL WARRANT:

EMI will provide a replacement for or, at the discretion of **EMI**, repair any or all components that prove to be defective in material or workmanship within the prescribed warranty period. These parts will be supplied at no cost to the original owner. However, the replacement cost does NOT include labor or service costs to diagnose, remove, or install a warranty part.

WHAT EMI WILL NOT WARRANT:

Damages to or arising from misapplication, improper installation or service; Components not supplied or approved by **EMI**, 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 **EMI** but installed outside the United States and Canada; Damages from unauthorized alteration, application or improper operation; or Damages or repairs as a consequence of shipping or handling.

EMI IS ALSO NOT RESPONSIBLE FOR:

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, lightning, earthquakes or other conditions beyond the control of **EMI**.

FURTHER LIMITATIONS:

All implied warranties of merchantability and/or fitness for any particular purpose are limited in duration to the period of the 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 owner/user and become null and void if payment for the goods or product is in default.

In no event shall EMI 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, telephone, travel or lodging, or the loss of personal or commercial property, whether or not EMI has been advised of the possibility of any such damages.

In no event shall EMI's obligations under this limited warranty exceed the purchase price of the product.

Any repairs performed under this limited warranty shall not in any way extend the statute of limitations for claims under this limited warranty.

No agent, representative or distributor of EMI has any authority to alter the terms of this limited warranty in any way. For Service or Repair:

- 1) Contact the installing contractor
- 2) Call the nearest distributor
- 3) Call, E-Mail or write:

Enviromaster International, LLC, c/o ECR International, Inc., 2201 Dwyer Avenue, Utica, NY 13501
Ph: 800-325-5479, Fax: 866-432-7329, E-Mail: emi@enviromaster.com, Web: www.enviromaster.com

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