



# Trade Price Book - 2019

Effective 2/25/2019



Electric Boilers

Contents	Page
Terms & RMA Policy	2-3
Controls	4
Electric Boilers	5
Electric Boiler Service Parts	6
Control Service Parts	7

### Customer Service

Phone: 800-325-5479

Fax: 315-724-9319 / 866-432-7329

### Technical Support

Phone: 800-253-7900

[www.argoindustries.com](http://www.argoindustries.com)



Zone Valve Controls



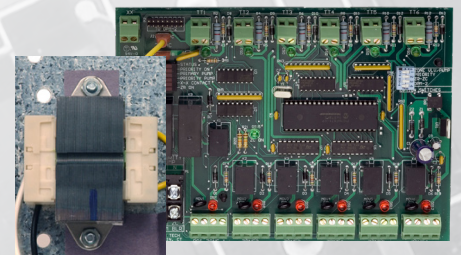
Universal Zone Control



Hydro Air Zone Controls



Outdoor Setback



Service Parts



2201 Dwyer Avenue, Utica, NY 13501

Tel. 315 797 1310

[www.ecrinternational.com](http://www.ecrinternational.com)

All specifications subject to change without notice.

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

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

**PAYMENT TERMS:** Net 30 Days

**ORDERS:** 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.

**TAXES:** Add to the prices and terms quoted any manufacturers' or sales tax payable on the transaction under any effective statute.

## **SHIPMENT**

### **ARGO CONTROLS SHIPPING:**

- 1) In Stock Control orders placed by 11am EST ship same day ground.
- 2) In Stock Control orders placed post 11am EST ship next day ground.
- 3) Control orders that are to be combined with other ECR equipment to make freight terms will ship when all product on the combined order is complete.
- 4) Orders requiring expedited shipping modes (Next Day Air, etc.) are available upon request.

### **ARGO ELECTRIC BOILERS SHIPPING:**

- 1) Electric Boilers are shipped per the manufacturing lead time at the time of order, generally three (3) days from date of order receipt.

### **FREIGHT TERMS**

- 1) Boilers - 12 units or more, single destination ship freight prepaid, less than 12 unit quantities ship at customer's expense.
- 2) Controls - \$2,000 or more, single destination ship freight prepaid, less than \$2,000 control values ship at customer's expense.

### **COMBINED ECR PRODUCT & BRAND SHIPMENTS**

- 1) Authorized Distributors can combine Argo product with Airco, EMI, Dunkirk, Olsen, Pennco and Utica on one purchase order to make \$40,000 minimum value and earn free freight.

### **LESS THAN TRUCKLOAD SHIPMENT: F.O.B. ECR INTERNATIONAL - FACTORY OR WAREHOUSE**

## **ORDER INFORMATION CHECKLIST**

SEE PAGE 6 FOR SERVICE PARTS

- 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.)
- 9) Fuel Characteristics (i.e. Oil, Natural Gas, Propane)
- 10) Electrical Characteristics (i.e. - Operating Voltage, Cycles, Phases, etc.)
- 11) Non-Standard Equipment (Indicate "Optional" when substituted for standard equipment at extra cost added to standard equipment).
- 12) Kits or Parts (Orders for kits or parts must indicate equipment size and series).
- 13) Send orders to:

**E-Mail: [ecrorderentry@ecrinternational.com](mailto:ecrorderentry@ecrinternational.com)**

**Fax: 315-724-9319**

- 14) Please note the following Remit To Address:

**ECR International, Inc.  
P.O. Box 8000 Department 039  
Buffalo, NY 14267**

Continued on Next Page

**TERMS & CONDITIONS OF SALE - GENERAL TERMS CONTINUED**  
**U.S. DISTRIBUTOR - RETURN MATERIAL POLICY - EFFECTIVE 8/18/2014**

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 exchange, credit, repair service or warranty claim must be approved by ECR and require an RMA number prior to return of the material. A request must be completed via ECR International's online web portal. Please log on to [www.ecrcustomerportal.com](http://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** - An RMA Request must be received within 60 days from the date of invoice for returns of New & Unused product in original packaging. A restocking fee of 15% will be charged for all new and unused returns that are approved for return. Special Order Products (items not offered as standard in ECR trade price book) 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.

**Repair Service** - Request for repair or rework of product damaged by customer is classified as Repair Service. Repair Service is billed at \$75.00 per hour for labor and net price for parts used in repair/rework. ECR's Return Material (RM) department will evaluate the items returned for repair service. The customer will receive an estimate for the dollar amount, determined by ECR's RM department, required to complete the repairs requested. A Purchase Order (PO) from the customer for that amount will be required before any work is performed.

**RMA Expiration** - Once the RMA number 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 of new and unused product must be in the original packaging. All returns must be shipped prepaid by the customer unless otherwise directed by ECR as indicated on the RMA Verification. Ship all approved return material to the facility indicated on the approved RMA Request by the date indicated.

**Replacement Product** - If replacement product is desired it must be indicated on the RMA Request. A PO# is required for the replacement shipment and must be indicated on the RMA Request. All replacement products will be invoiced at the time of shipment. ECR will pay the ground freight for all warranty replacements.

**Application of Credit** - Credit for returned product will be applied to the customer's account (less restocking fees for New and Unused returns) only after confirmation of receipt by ECR and inspection of the product. Issuance of a credit for a partial return of product does not relieve the customer from the obligation to remit payment for the merchandise not returned in accordance with the payment terms referenced on the customer's invoice(s). Customer will have the option to have any product that is denied for credit returned at their expense.

<http://www.ecrcustomerportal.com>

**UNIVERSAL SWITCHING RELAY FOR ZONE VALVE AND/OR PUMP CONTROL**

P/N	MODEL	DESCRIPTION	TRADE PRICE
UZ3	*UZ3	UNIVERSAL 3 ZONE	\$408
UZ4	*UZ4	UNIVERSAL 4 ZONE	\$550
UZ6	*UZ6	UNIVERSAL 6 ZONE	\$612

**STANDARD FEATURES:** Digital LCD display and programming interface, 3-programable end switches, dedicated 115 V ac boiler loop pump terminal, pump relay ratings 7.2 amps, programmable pump purge, pump exercising, programmable priority. Controls zone pumps, zone valves or combinations.

EZ1	*EZ1	ONE ZONE EXPANSION MODULE	\$201
EZ3	*EZ3	THREE ZONE EXPANSION MODULE	\$269

**SWITCHING RELAYS & ACCESSORIES**

P/N	MODEL	DESCRIPTION	WGT EA LBS	TRADE PRICE
Z140C	*AR822-II	SINGLE ZONE (DPDT)	2.7	\$84
Z209	*AR861-2II	TWO ZONE W/PRIORITY (Replaces AR861-2)	4.0	\$185
Z210	*AR861-3II	THREE ZONE W/PRIORITY (Replaces AR861-3)	4.0	\$214
Z165	*IR882	ISOLATION RELAY-3 ZONE-24VAC-SPST (Req. sep. transformer)	0.5	\$84
Z172	DPM-2	OUTDOOR TEMPERATURE BOILER RESET MODULE	2.0	\$345

(Plugs into data port on ARM and AZ-CP Series Relays, can be hard wired as a stand alone control or used with other relays. Built-in priority, override. Includes sensors and sunshield.)

**ARM CONTROL EXPANDABLE ZONE RELAYS**

P/N	MODEL	DESCRIPTION	WGT EA LBS	TRADE PRICE
Z212	*ARM-2P	TWO ZONE W/PRIORITY	2.7	\$204
Z213	*ARM-3P	THREE ZONE W/PRIORITY	4.0	\$257
Z214	*ARM-4P	FOUR ZONE W/PRIORITY	4.0	\$327
Z216	*ARM-6P	SIX ZONE W/PRIORITY	6.0	\$359
Z158	*AD-1	ONE ZONE EXPANSION MODULE	2.5	\$102
Z164	*AD-4	FOUR ZONE EXPANSION MODULE	4.0	\$271

**STANDARD FEATURES:** Built-in priority safety timer; electronic fuse, 30VA transformer (ARM-2P has 20VA); isolated end switch; data port; add-on modules up to 15 zones; field replaceable transformers and premium plug-in relays.

**ZONE VALVE CONTROLS W/PRIORITY**

P/N	MODEL	DESCRIPTION	WGT EA LBS	TRADE PRICE
Z297	*AZ-4CP	4 ZONES W/BUILT-IN CIRC. OR ZONE VALVE PRIORITY (Inc. 40VA Transformer - Field Replaceable), Electronic Fuse, Isolated End Switch, Data Port	4.0	\$236
Z298	*AZ-6CP	6 ZONES W/BUILT-IN CIRC. OR ZONE VALVE PRIORITY (Inc. 75VA Transformer - Field Replaceable), Electronic Fuse, Isolated End Switch, Data Port	7.0	\$310

**ZONE VALVE CONTROLS**

P/N	MODEL	DESCRIPTION	WGT EA LBS	TRADE PRICE
Z157	AZ-3	3 ZONES (Inc. 40VA Transformer, 2 Sep. End Switches)	4.0	\$141
Z147	AZ-5	5 ZONES (Inc. 75VA Transformer, 2 Sep. End Switches)	7.0	\$179

**HYDRO-AIR CONTROLS**

P/N	MODEL	DESCRIPTION	WGT EA LBS	TRADE PRICE
Z181	ARH-1	1 ZONE (Or Expansion Module When Used With ARH-2/ARH-3)	2.0	\$142
Z179	ARH-2	2 ZONES (1 Air Handler & 1 Priority)	2.0	\$194
Z180	ARH-3	3 ZONES (2 Air Handlers & 1 Priority)	3.0	\$284
A10	A-10	REPLACEMENT STRAP-ON AQUASTAT	<1.0	\$53
240010493		FREEZE-STAT AQUASTAT	<1.0	\$258



\*Indicates a CSA certified model.

**SEE PAGE 7 FOR SERVICE PARTS**

<b>AT SERIES C - 2 ELEMENT ELECTRIC BOILERS W/BREAKERS</b>							
P/N	MODEL	SIZE KW	ELEM. NO. & SIZE	ELEM. AMPS	BTH/HR	WGT EA LBS	TRADE PRICE
AT062310C	AT0623	6	2-3KW	25.0	20,500	62.0	\$2,013
AT082410C	AT0824	8	2-4KW	33.3	27,300	62.0	\$2,164
AT102510C	AT1025	10	2-5KW	41.7	34,100	62.0	\$2,328
AT122610C	AT1226	12	2-6KW	50.0	41,000	62.0	\$2,398
<b>AT SERIES C - 4 ELEMENT ELECTRIC BOILERS W/BREAKERS</b>							
P/N	MODEL	SIZE KW	ELEM. NO. & SIZE	ELEM. AMPS	BTH/HR	WGT EA LBS	TRADE PRICE
AT124310C	AT1243	12	4-3KW	50.0	41,000	70.0	\$2,726
AT164410C	AT1644	16	4-4KW	66.7	54,600	70.0	\$2,802
AT204510C	AT2045	20	4-5KW	83.3	68,200	70.0	\$2,871
AT244610C	AT2446	24	4-6KW	100.0	82,000	70.0	\$3,218
<b>AT MODULAR BOILERS W/BREAKERS - ORDER BOTH P/N'S LISTED**</b>							
*P/N (ORDER BOTH P/N'S)	MODEL	SIZE KW	ELEM. NO. & SIZE	BTH/HR	WGT EA LBS	TRADE PRICE	
(1) AT124310C	AT2800	28	4-3KW	95,600**	140.0	\$2,726	
(1) AT164410C			4-4KW			\$2,802	
(2) AT164410C	AT3200	32	(2) 4-4KW	109,200**	140.0	\$2,802	
			\$2,802				
(2) AT204510C	AT4000	40	(2) 4-5KW	136,400**	140.0	\$2,871	
			\$2,871				

\*When ordering modular boilers, order both part numbers listed. You will receive 2 boilers allowing for SN tracking.  
 \*Ratings are based on 240 operating voltage. Refer to IOM for reduced ratings based on 208 operating voltage.  
**STANDARD EQUIPMENT:**  
 Painted Steel Jacket, Mounting Brackets, Neon Indicator Lights, Safety Limit Control (High Limit - Fixed Temp), Gasket, Heating Element, Control Board, NTC Thermistor, Neutral Terminal Block, Ground Connection Lug, Relief Valve - 30 p.s.i., Temperature/Pressure Gauge, Cast Iron Heat Exchanger (2 or 4 Element), Control Panel Assembly(2 or 4 Element). Circuit Breaker 15A - 1 Pole, Element Circuit Breaker 40A - 2 Pole, and Load Center Assembly.

**SEE PAGE 6 FOR SERVICE PARTS**

USE PARTS MULTIPLIER					
AT ELECTRIC BOILER SERVICE PARTS					
P/N	DESCRIPTION	AI VERSION	B VERSION	C VERSION	TRADE PRICE
1260006	Temperature/Pressure Gauge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$25
B194	Neutral Terminal Block		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$76
B27	Circuit Breaker 40 A - 2 Pole - G.E. THQP 240	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$59
B28	Circuit Breaker 15 A - 1 Pole - G.E. THQP 115	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$40
550003228	Pressure Vessel - Cast Iron, 4 Element	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$391
550003227	Pressure Vessel - Cast Iron, 2 Element	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$272
E13	Heating Element - 3KW/240 Volt	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$66
E14	Heating Element - 4KW/240 Volt	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$81
E15	Heating Element - 5KW/240 Volt	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$85
E16	Heating Element - 6KW/240 Volt	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$89
F3	Fuse Block, 1/4" x 1-1/4" Fuse, 300V		<input checked="" type="checkbox"/>		\$8
F4	Fuse, 10amp, Ceramic, ABC-10		<input checked="" type="checkbox"/>		\$5
G12	Gasket - Heating Element	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$7
I25	Load Center Assembly - G.E. TLM812U2		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$129
L9	Ground Connection Lug		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$11
P8	Power Distribution Block		<input checked="" type="checkbox"/>		\$172
S47	Safety Limit Control (High Limit - Fixed Temp)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$24
VR-001.01	Relief Valve - 30 PSI	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$25
Z59	Breaker Boiler Cover		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$190
550001256	Replacement Sensor Kit (RTD Water Sensor)		<input checked="" type="checkbox"/>		\$48
Z65	Power Block Boiler Cover		<input checked="" type="checkbox"/>		\$229
550001501	Wire Kit AT 2 Element w/Circuit Breaker		<input checked="" type="checkbox"/>		\$76
550001502	Wire Kit AT 4 Element w/Circuit Breaker		<input checked="" type="checkbox"/>		\$100
550001503	Wire Kit AT 2 Element w/Power Block		<input checked="" type="checkbox"/>		\$79
550001504	Wire Kit AT 4 Element w/Power Block		<input checked="" type="checkbox"/>		\$101
550001623	Circuit Board/Wire AT 2 Element w/Power Block		<input checked="" type="checkbox"/>		\$385
550001624	Circuit Board/Wire AT 2 Element w/Circuit Breaker		<input checked="" type="checkbox"/>		\$385
550001625	Circuit Board/Wire AT 4 Element w/Power Block		<input checked="" type="checkbox"/>		\$394
550001626	Circuit Board/Wire AT 4 Element w/Circuit Breaker		<input checked="" type="checkbox"/>		\$394
240004756	Brass Well		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$24
E1	Elbow 3/4" x 90°		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$4
N1	Nipple 3/4" x 2"		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$3
119000002	Transformer 115/24V, 40VA			<input checked="" type="checkbox"/>	\$33
240010289	Water Temperature Sensor Kit			<input checked="" type="checkbox"/>	\$57
240010295	Control Board - 2 Element, kit, includes wires			<input checked="" type="checkbox"/>	\$515
240010296	Control Board - 4 Element, kit, includes wires			<input checked="" type="checkbox"/>	\$557
109008918	Cabinet			<input checked="" type="checkbox"/>	\$114
P23	Chassis, Back/Bottom			<input checked="" type="checkbox"/>	\$100
A1	High Limit Aquastat (Penn) Adjustable	<input checked="" type="checkbox"/>			\$209
S46	Thermodisc Switch	<input checked="" type="checkbox"/>			\$68
240004757	Water Temp. Sensor	<input checked="" type="checkbox"/>			\$42
R3	Control Relay - Round Base Plug In	<input checked="" type="checkbox"/>			\$77
R10	Element Power Relay (PRD-7AGO) (900) (Open) (Started 8/25/03)	<input checked="" type="checkbox"/>			\$108

**USE PARTS MULTIPLIER****SERVICE PARTS****SWITCHING RELAY REPLACEMENT PARTS - ONE YEAR LIMITED WARRANTY**

P/N	MODEL	DESCRIPTION	TRADE PRICE
R35C	R-35	PREMIUM REPLACEMENT PLUG-IN CONTROL RELAY (24VAC COIL)	\$23
R49	R-49	PREMIUM REPLACEMENT PLUG-IN CONTROL RELAY (120VAC COIL)	\$25
C1	C1	REPLACEMENT 18" TELEPHONE CABLE CONNECTOR W/JACKS FOR ARM EXP. MODULE	\$11
T40	T-40	FIELD MOUNTED 40VA REPLACEMENT TRANSFORMER	\$39
C7	C7	CABLE RIBBON ASSEMBLY (DPM-2)	\$15
S60	S60	SENSOR SHIELD (AMB4A, AMB8A, DPM-2)	\$114
J8	J8	JACK, TELEPHONE TEE ADAPTER (AD-4)	\$35
T25	T25	75VA TRANSFORMER (AZ-6P, AZ-5)	\$38
T79	T79	40VA TRANSFORMER WITH PUSH ON TERMINALS (AZ-4CP, AMB4A, AMB8A)	\$42
240005137	N/A	75VA TRANSFORMER WITH CIRCUIT BREAKER (AZ-6CP)	\$66
240005445	N/A	OUTDOOR SENSOR (AMB4A, AMB8A)	\$50
240005446	N/A	WATER SENSOR (AMB4A, AMB8A)	\$50
240004756	N/A	BRASS WELL	\$24

**HYDRO-AIR CONTROLS**

P/N	MODEL	DESCRIPTION	TRADE PRICE
R35DC	R-35DC	24 VDC COIL PREMIUM REPLACEMENT RELAY	\$24
550001254	N/A	ARH RELAY KIT	\$126

**THERMOSTATS & SPECIALTIES**

P/N	MODEL	DESCRIPTION	TRADE PRICE
T72	ART-72	40-VA PLATE MOUNTED TRANSFORMER (AMB4)	\$59