



# "AT" BOILER CONTROL BOARD & WIRE HARNESS REPLACEMENT INSTRUCTIONS

**⚠ WARNING**

Fire, explosion, asphyxiation and electrical shock hazard. Improper installation could result in death or serious injury. Read these instructions and understand all requirements, including requirements of authority having jurisdiction, before beginning installation. Installation not complete until appliance operation verified per Installation, Operation & Maintenance Manual provided with boiler.

**NOTICE**

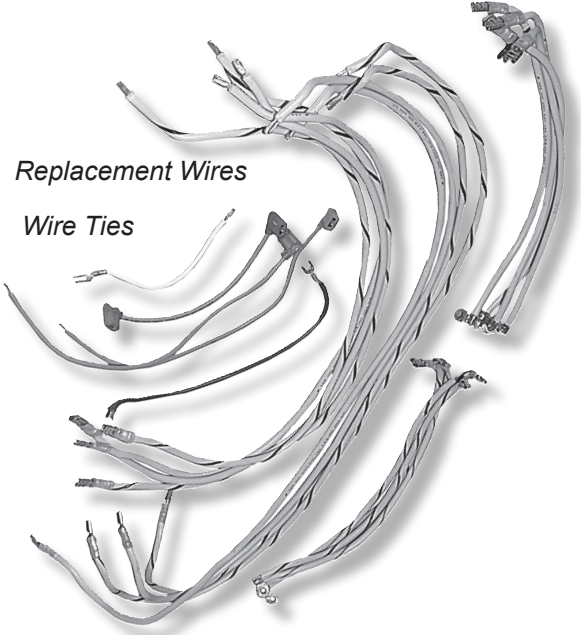
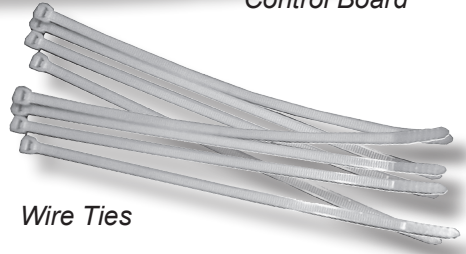
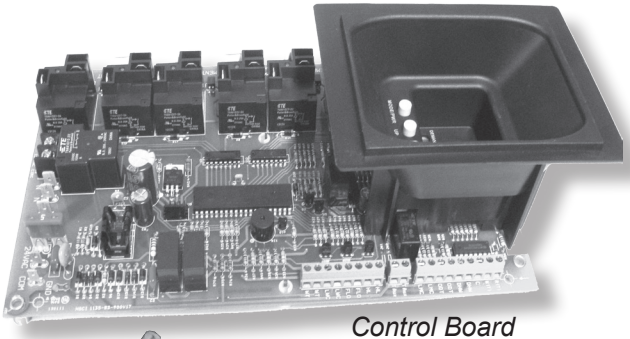
All wires must be replaced with new wires provided in the kit when installing new control board

*Before beginning installation, verify proper kit is being used for the application.*

**PARTS INCLUDED**

Item Number	Description
240010295	2 Element AT Boiler w/ Breaker Replacement Wires & Control Board
240010296	4 Element AT Boiler w/ Breaker Replacement Wires & Control Board

*Contents will vary depending on kit ordered.*  
**SAMPLE OF KIT CONTENTS**



Manufactured by:  
 ECR International Inc.  
 2201 Dwyer Avenue, Utica, NY 13501  
 Tel. 800 253 7900  
[www.ecrinternational.com](http://www.ecrinternational.com)  
 PN 240010300 REV. C [03/01/2018]

## ARGO "AT" BOILER CONTROL BOARD & WIRE HARNESS REPLACEMENT

### **WARNING**

Electrical shock hazard. Turn OFF electrical power supply to boiler at service panel.

1. Turn off all power to boiler.
2. Loosen 4 boiler jacket screws. Remove jacket.
3. Verify power to boiler is disconnected by using a voltmeter.
4. Disconnect all wires from control board.
5. Remove control board mounting screws and gently remove control board from mounting panel.
6. Install new control board.
7. Install water temperature sensor wire and all field wiring i.e. thermostat to the new control board.
8. Replace all existing board wires with new wires received with this kit.
  - Replace each wire one at a time with new wire of same length.
  - Refer to wiring diagrams on following pages.
9. Neatly bundle wires with wire ties provided, similar to original wiring.
10. Replace boiler cover before applying power.
11. Turn power to boiler on.
12. Verify proper boiler operation. For additional information see Installation, Operation and Maintenance manual.

### Technical Support

For technical support contact : Technical Service 1-800-325-5479.

Information Needed When Calling
Kit Model Number
Boiler Model Number
Boiler Serial Number

# WIRING DIAGRAMS

