



uponor

RADIANT HEATING AND COOLING SYSTEMS

ZONE CONTROL MODULES

TECHNICAL BULLETIN

Affected Product

- Three-zone Control Module (Part No. A3031003)
- Four-zone Control Module (Part No. A3031004)

Symptom

The zone control module will have the Green LED lit for power and a Yellow LED lit to signal a call for heat but the Red Output LED will not turn on. Even though the Red LED does not turn on, the actuator(s) will still open (24V is present on R1 and R2). However, the relay for ES / ES will never

close and not activate a pump or boiler (no call for heat).

Note: The Red LED should begin to flash immediately with a call for heat (Yellow LED) regardless of which actuator is connected.

Issue

When wiring the zone control modules "hot" with 24V power, a spark can occur when connecting the bare power wires when they come in contact with the R and C terminals. If this happens repeatedly, a current spike is created internally on the board and damages the microprocessor.

Corrective Action

When wiring, follow normally accepted practices and disconnect power prior to connecting the R and C wires.

Note: Uponor will make a minor enhancement to the board to further prevent damaging the microprocessor if the zone control modules are wired hot. This change will be reflected in revisions AB and later (see image at left).

Return damaged boards through Uponor's Return Material Authorization (RMA) process for replacement.

For additional questions, please contact Uponor Technical Services at 888.594.7726 (U.S.), 888.994.7726 (Canada) or technical.services@uponor.com.



Lot Number for Updated Product

Uponor, Inc.
5925 148th Street West
Apple Valley, MN 55124 USA
Tel: 800.321.4739
Fax: 952.891.2008
www.uponopro.com

Uponor Ltd.
2000 Argentia Rd., Plaza 1, Ste. 200
Mississauga, ON L5N 1W1 CANADA
Tel: 888.994.7726
Fax: 800.638.9517
www.uponopro.com