

# Troubleshooting Guide

## 30XP

### 301P, 302P, 303P, 304P and 306P

#### Zone Pump Not Turning On

- The zone pump is turned on when a call is received for that zone
- Is the call coming into the zone box?
- Is there 120VAC at the L&N for zone pump? If so check the downstream equipment
- Check fuses for the pump

#### 30XP Not Seeing the Call

- Power down the unit
- Mark all the thermostat and valve wires
- Disconnect the thermostats and the pumps
- Power up the unit
- Put a jumper between R&W for the zone and see if zone lights up
- If you see the zone light up check stat, wall wiring etc 30XP is receiving the call

#### Thermostats Good Check Pumps

- With all the stats connected start by connecting the stat for zone 1
- Turn on the heat for zone 1
- Look for 120VAC at the motor outputs
- Check fuse for zone pump

#### Pump Fuses Blowing

- Connect 1 at a time to the output to see which pumps blow a fuse
- The fuses are 250V 5A time delay fuses
- Check pump specs. If pump has inrush or startup greater than 5A send the 120V to a relay/contacter to switch the high current load
- Check the pump for internal shorts or other issues

#### WARNING

As with any electrical product, care should be taken to guard against potential risks, including electric shock or personal injury.

All specifications are subject to change without notice

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