

FLO Error Troubleshooting

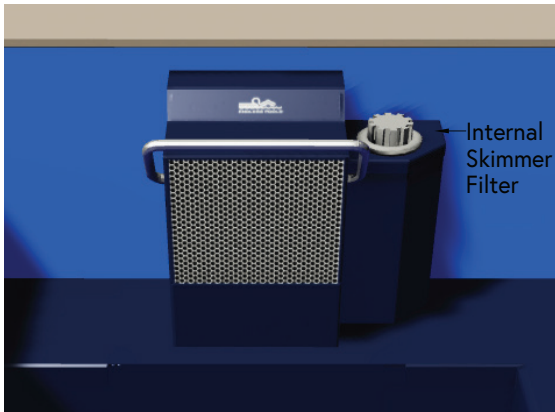
Internal Skimmer Filter w/Laing Pump



Description

The following troubleshooting guide is intended for Endless Pools models equipped with an internal skimmer filter and Laing circulation pump.

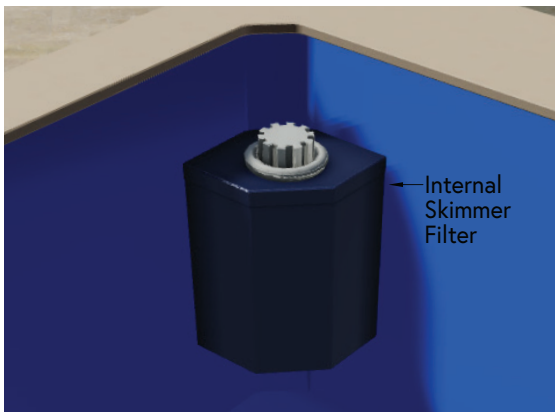
MODULAR SERIES



LAING PUMP



PLUNGE POOLS (WATERWELL)



This troubleshooting guide references two different Gecko Heater-Controller models. Identifying which model is installed on your pool is necessary for accurate troubleshooting..

GECKO IN.XE



GECKO IN.YE



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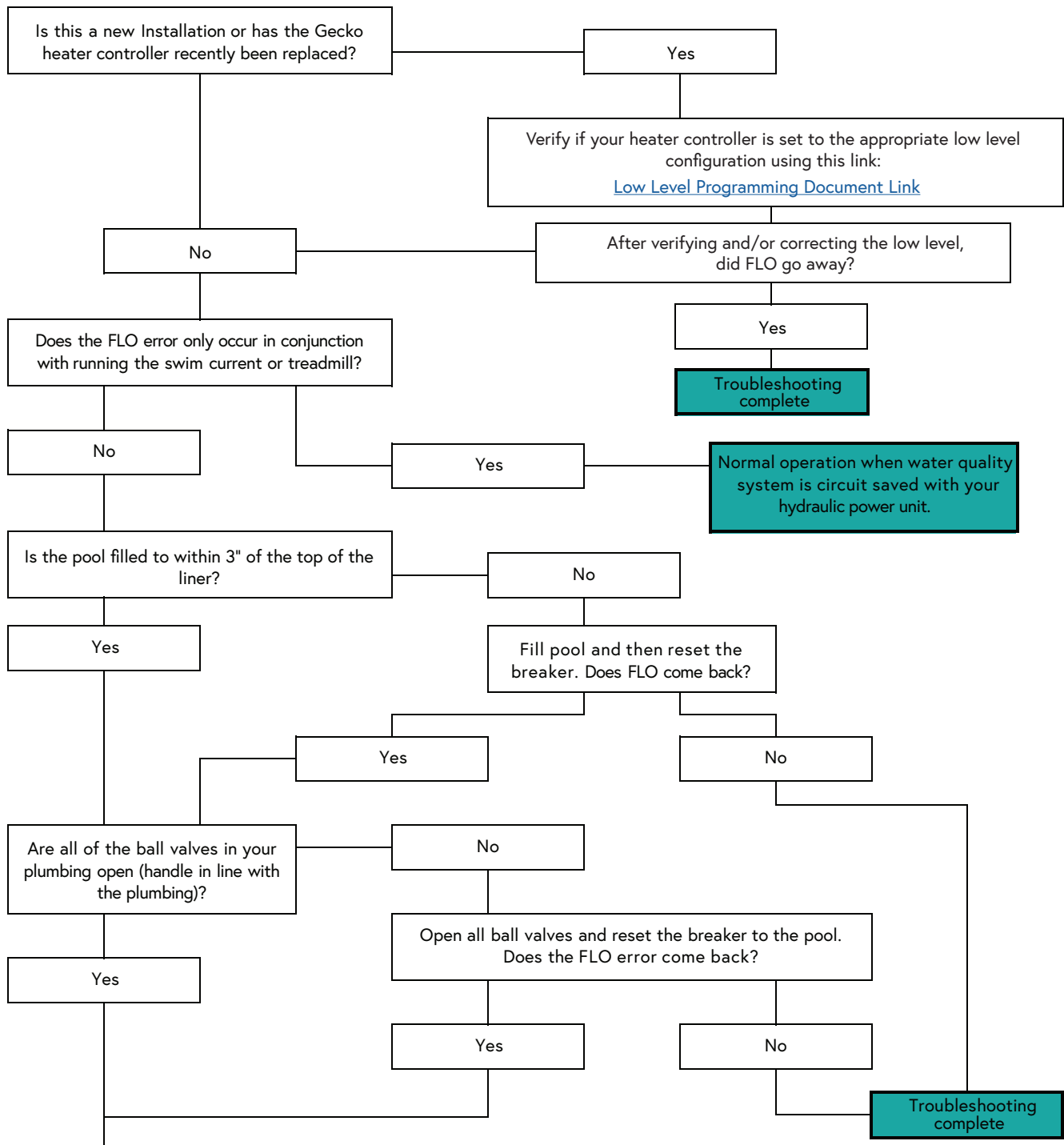


Troubleshooting

Tools that may be required:

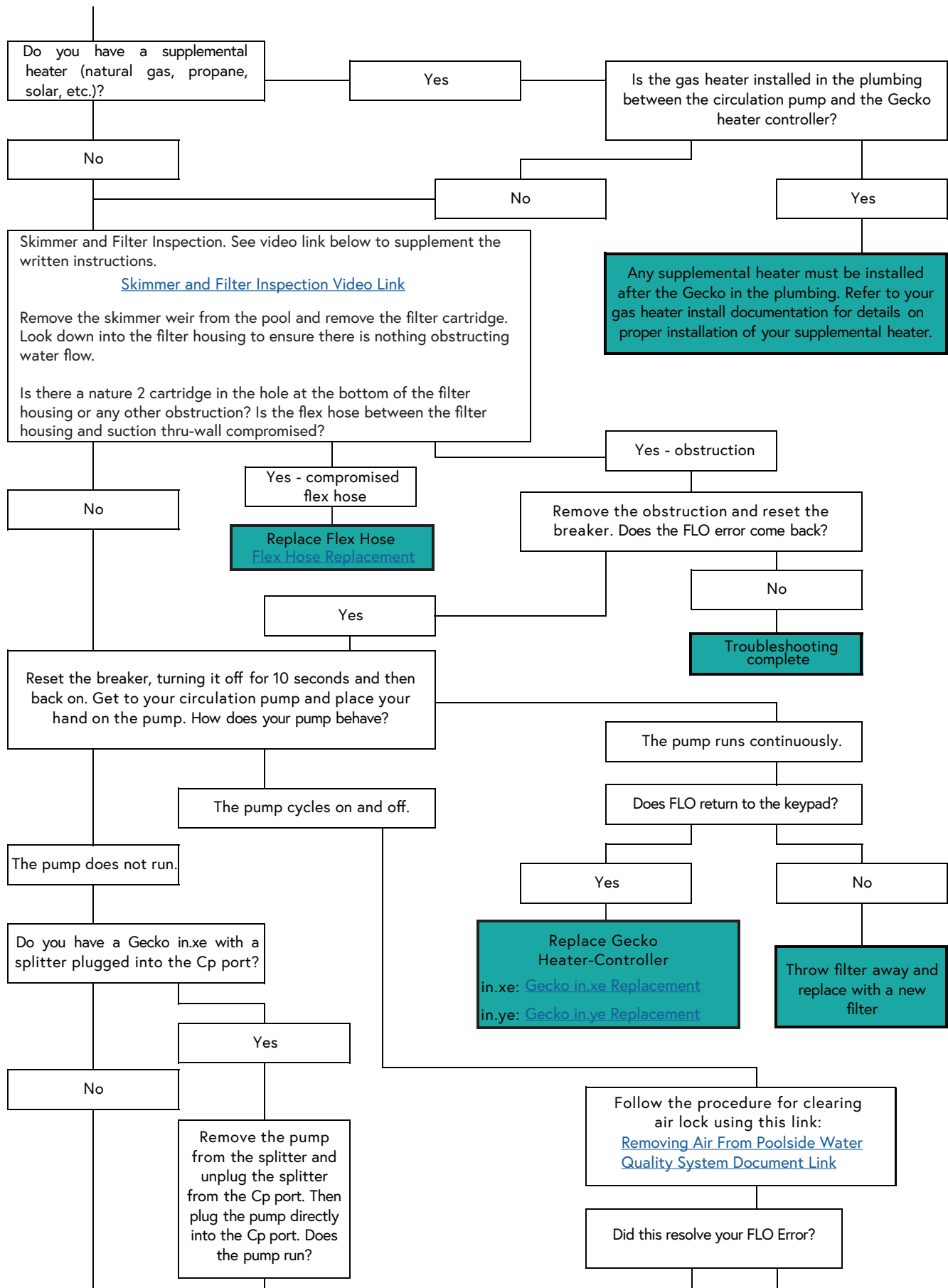
Flashlight, multi-meter, hand towel, phillips head screwdriver

This guide is meant to be used sequentially, starting at the top and moving through each step in order. Jumping around or taking more than 60 minutes in between steps can provide misleading or incorrect information. Additionally, when resetting the breaker to your water quality system, please allow 5-10 minutes to pass before pressing any buttons on the keypad. Pressing buttons during this bootup cycle can result in damage to the equipment or false readings.



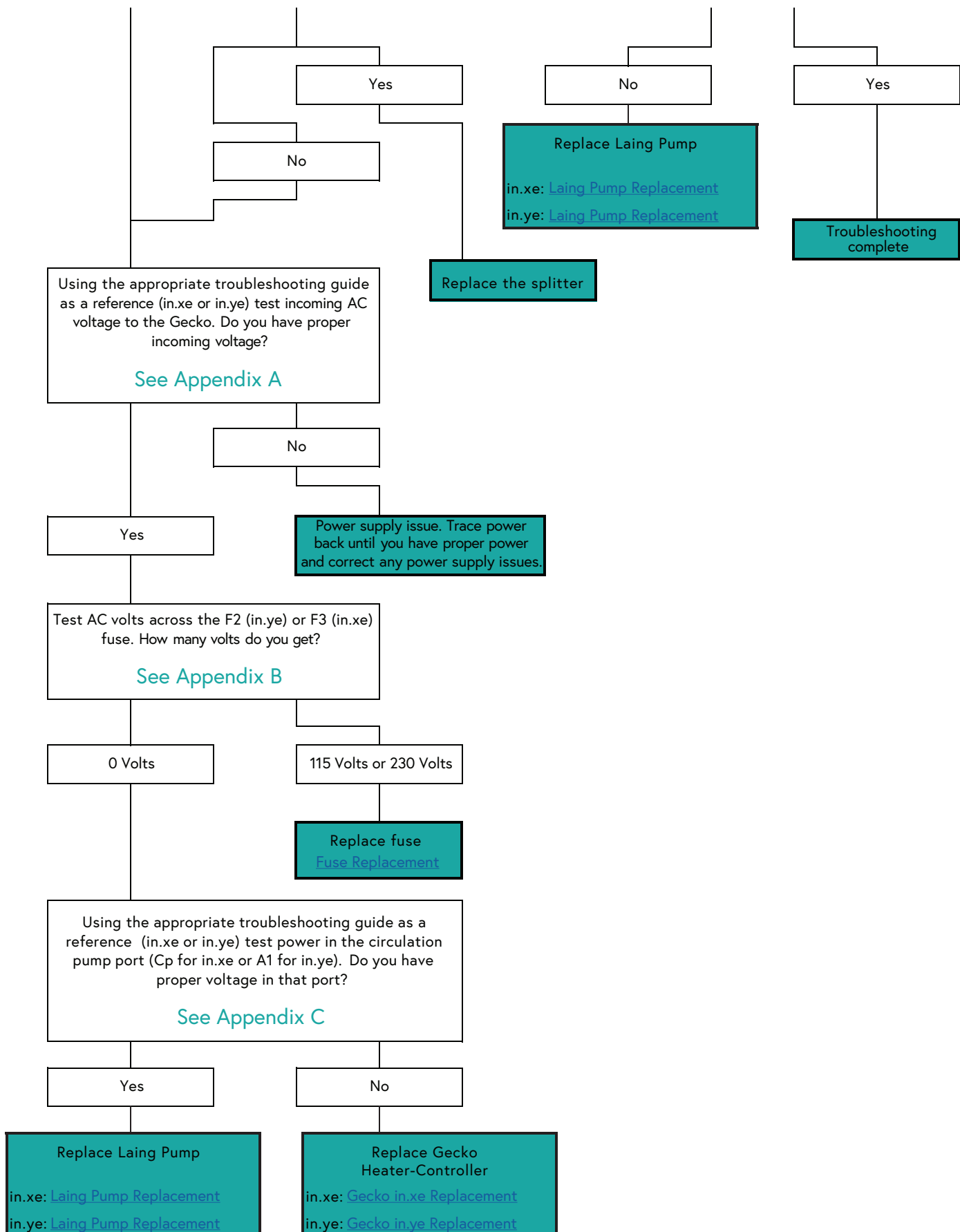
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APPENDIX A - Testing Incoming AC Voltage

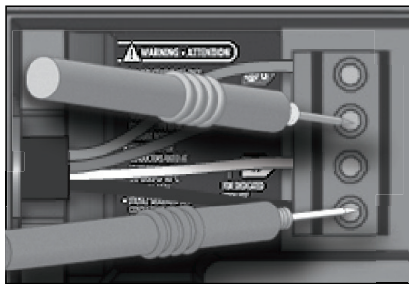
WARNING  Troubleshooting and testing this equipment should only be performed by someone familiar with the safety precautions associated with high voltage.

Refer to the voltage testing procedure specific to the applicable Heater-Controller model. For additional guidance, scan the QR code to access the supplemental instructional video.

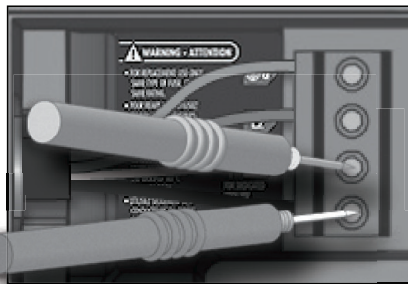
GECKO IN.XE

- Verify incoming voltage between Line 1 and Line 2. Voltage should read 220/240V.
- Verify incoming voltage between Line 1 and Neutral. Voltage should read 110/120V.
- Verify incoming voltage between Line 2 and Neutral. Voltage should read 110/120V.

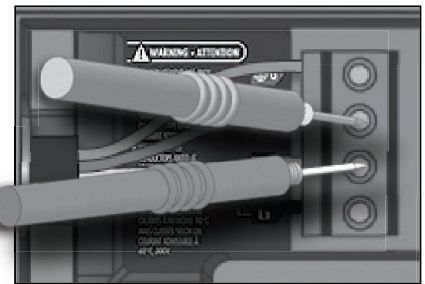
[CLICK HERE OR SCAN QR CODE FOR VIDEO](#)



G
L2
N
L1



G
L2
N
L1

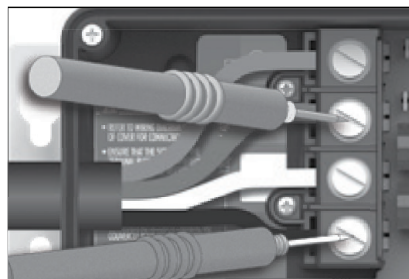
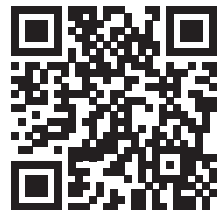


G
L2
N
L1

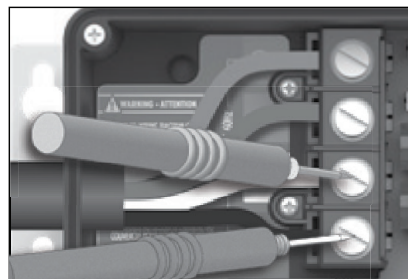
GECKO IN.YE

- Verify incoming voltage between Line 1 and Line 2. Voltage should read 220/240V.
- Verify incoming voltage between Line 1 and Neutral. Voltage should read 110/120V.
- Verify incoming voltage between Line 2 and Neutral. Voltage should read 110/120V.

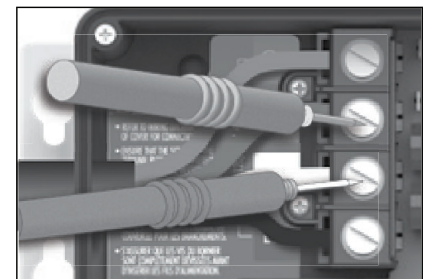
[CLICK HERE OR SCAN QR CODE FOR VIDEO](#)



G
L2
N
L1



G
L2
N
L1




G
L2
N
L1

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APPENDIX B - Testing Fuses

WARNING  Troubleshooting and testing this equipment should only be performed by someone familiar with the safety precautions associated with high voltage.

Refer to the fuse testing procedure specific to the applicable Heater-Controller model. For additional guidance, scan the QR code to access the supplemental instructional video.

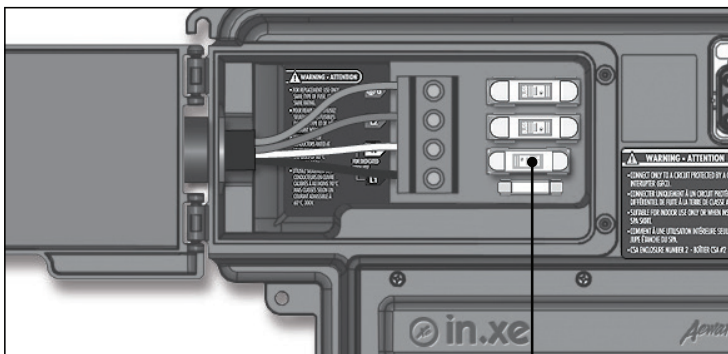
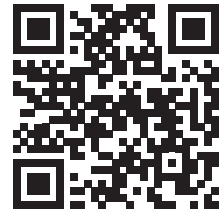
GECKO IN.XE

- Test for 220/240V across the F3 circulation pump fuse.

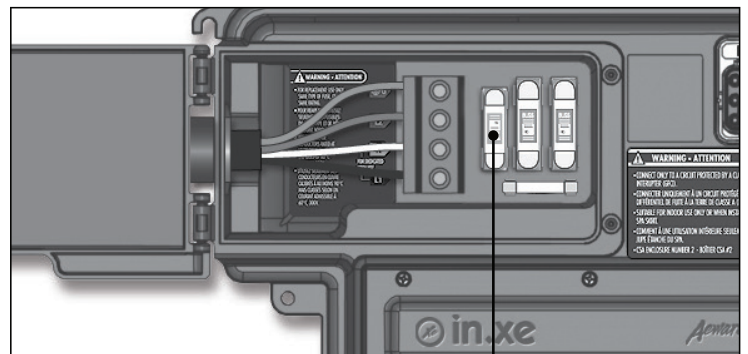
IMPORTANT

- If 0 volts, then the fuse is GOOD.
- A fuse that measures voltage is BAD. Click [HERE](#) for replacement pump fuse.

CLICK HERE OR SCAN
QR CODE FOR VIDEO



F3 Fuse



F3 Fuse

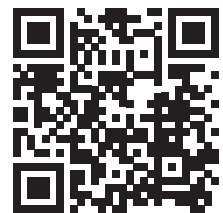
GECKO IN.YE

- Test for 220/240V across the F2 circulation pump fuse.

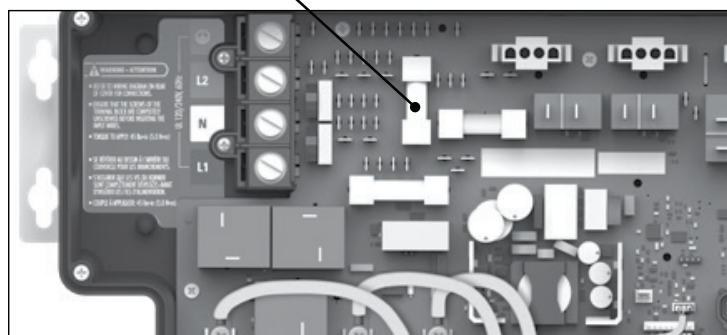
IMPORTANT

- If 0 volts, then the fuse is GOOD.
- A fuse that measures voltage is BAD. Click [HERE](#) for replacement pump fuse.

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F2 Fuse




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APPENDIX C - Testing Voltage in Pump Port

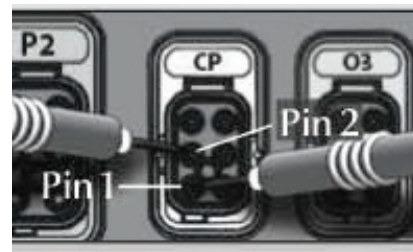
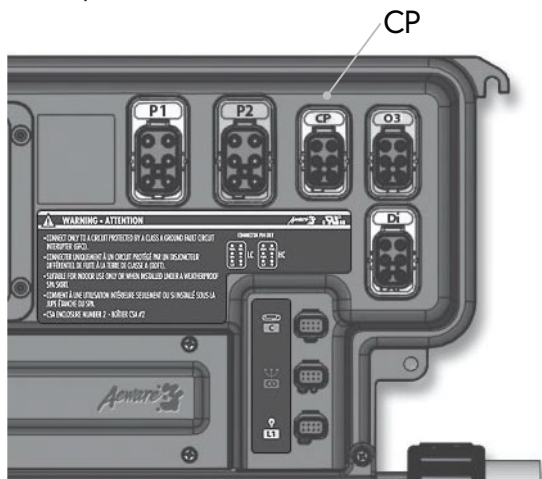
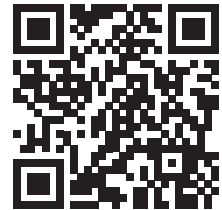
WARNING  Troubleshooting and testing this equipment should only be performed by someone familiar with the safety precautions associated with high voltage.

Refer to the voltage testing procedure specific to the applicable Heater-Controller model. For additional guidance, scan the QR code to access the supplemental instructional video.

GECKO IN.XE

- Verify voltage between pin 1 and pin 2 in CP Port. Voltage should read 220/240V.
 - If voltage reading is compliant, replace circulation pump.
Click [HERE](#) for replacement pump.
 - If voltage reading is not compliant, replace Gecko Heater-Controller.
Click [HERE](#) for replacement Gecko.

CLICK HERE OR SCAN
QR CODE FOR VIDEO



GECKO IN.YE

- Verify voltage between pin 1 and pin 3 in Amp Connector A1 (60Hz) or A4 (50Hz). Voltage should read 220/240V.
 - If voltage reading is compliant, replace circulation pump.
Click [HERE](#) for replacement pump.
 - If voltage reading is not compliant, replace Gecko Heater-Controller.
Click [HERE](#) for replacement Gecko.

CLICK HERE OR SCAN
QR CODE FOR VIDEO

