GFCI Circuit Testing

Installation Safety and Support

- Goes beyond UL standard for safety
- Checks for GFCI circuit breaker installation
- Protects homeowners and OEM manufacturers
- Detects overheating from runaway pumps & stuck relays
- Controls are design to maximize safety for homeowners

BALBOA water group

Our built in GFCI circuit testing goes beyond UL standards to deliver the utmost in safety and peace-of-mind.

Setting New Industry Safety Standards

With another breakthrough innovation, Balboa again leads the industry toward new standards for spa control safety. This installation safety support function protects hot tub owners by ensuring their GFCI circuit breakers are functioning properly. This feature takes Balboa's EL Series products beyond UL requirements and demonstrates our continued commitment to the industry and to you, the OEM manufacturer.

Limit Insurance Claims While Promoting Homeowner Safety

Homeowner safety is always a consideration in the design and manufacturing of Balboa controls. To help limit potential liabilities and insurance losses, it is important for the OEM to know that the tub is installed correctly and includes its required GFCI circuit breaker. Balboa's EL Series systems have a built in self-checking mechanism that helps verify that the GFCI circuit breaker is installed and working properly before the installer turns the system over to the homeowner. Without a properly functioning GFCI, the system shuts itself off and will not operate until a correct GFCI installation is completed.

Overheating Fault Detection for Runaway Pumps or Stuck Relays

This new GFCI checkpoint will also monitor for stuck or runaway pumps to avoid overheating the water. The Balboa software design incorporates patent pending technology using a microprocessor to intelligently monitor the hot tub water temperature and detect a runaway pump or stuck relays. If detected, the system will automatically shut the power off to the tub to prevent any overheating.

A Simple Flip of a Switch

The only change you need to make to the current field installation process is to notify the installers of the GFCI feature and have them flip a switch. Once the electrician wires up the tub through the GFCI circuit breaker, the system will automatically trip the GFCI to verify its operation. If successful, the GFCI just needs to be reset and the tub is ready for the homeowner. If not, the system turns itself off until the proper GFCI installation can be verified.

The innovative solution that extends your high quality standards into the installation process.

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