

Installation & Electrician Guide

Freeflow® Spas

East Texas Hot Tub Company

Tyler & Longview, Texas

(903) 561-7727 • easttexashottub.com

Models covered: Azure, Cascina, Monterey, Excursion • All models share identical electrical specs

Good news: Freeflow Spas are **plug-and-play**. They ship ready to plug into a standard 115V household outlet — no electrician required for the standard configuration. Simply plug in and enjoy.

Standard 115V Plug-and-Play Setup

Specification	Requirement
Voltage	115V / 120V , single phase, 60 Hz
Circuit breaker	15 amp
Circuit type	Dedicated — no other appliances, lights, or fixtures on this circuit
Outlet type	15 amp single receptacle with outdoor-rated, weather-resistant cover plate
Outlet distance from spa	No closer than 5 feet, no farther than 10 feet from the spa water's edge
Power cord	15 feet , 14/3 gauge wire, outdoor-rated (included with spa)
GFCI protection	Built into the power cord — inline GFCI with TEST and RESET buttons

⚠ IMPORTANT RESTRICTIONS

- **NEVER use an extension cord.** This voids the warranty and creates a shock/fire hazard.
- The outlet **must be a dedicated circuit** — no sharing with garage door openers, patio lights, or other appliances.
- The outlet must have an **outdoor-rated weatherproof cover**.
- Test the cord-connected GFCI **before every use**.

115V Performance Characteristics

Feature	115V	230V (if converted)
Heater output	~1,000 watts	~4,000 watts
Heat + jets simultaneously	No — heater shuts off when pump runs on high	Yes
Heat-up time	Slower	~4x faster
Temperature during use	May drop when jets are running	Maintains temperature

Optional: 230V Conversion (All Models)

All Freeflow models **can be converted to 230V** for faster heating and simultaneous heat + jet operation. This requires a **licensed electrician**.

What the Electrician Needs to Know

Specification	Requirement
Voltage	230 VAC , single phase, 60 Hz

Connection type	Hardwired — the plug-in cord is removed
Conduit	3/4" flexible or rigid conduit ("whip") from subpanel to spa equipment compartment
GFCI protection	GFCI circuit breaker in the subpanel (required)
Subpanel distance	Minimum 5 feet from spa water's edge (NEC requirement)

The 230V conversion also requires **internal changes to the spa**:

- Dip Switch 10 must be set to the DOWN position
- A jumper wire from J11 to J32 must be removed

These internal changes should be performed by an authorized service technician or per the owner's manual instructions.

GFCI Testing (115V Cord-Connected)

1. Press the **TEST** button on the inline GFCI — the spa should stop and the indicator should go out.
2. Wait **30 seconds**.
3. Press **RESET** — power should restore.
4. If it doesn't perform correctly, **disconnect immediately** and contact East Texas Hot Tub.

General Installation Notes

- Place on a **level surface** — concrete pad, reinforced deck, or compacted gravel.
- Ensure **18–24 inches clearance** on the equipment access side for service.
- Keep the GFCI on the power cord **easily accessible** — do not bury it behind furniture or landscaping.
- Do not let water get into the GFCI unit, subpanel, or electrical outlet.
- **Fill the spa with water BEFORE turning on power.**

Replacement Parts

If the GFCI power cord is damaged, the replacement part number is **303293 / 78455** (15A, 15-foot, 14/3, 90-degree plug, outdoor rated). Contact East Texas Hot Tub to order.

Questions? Call East Texas Hot Tub at **(903) 561-7727** or email tuckerg@ilovemyspa.com. We can recommend licensed electricians in the Tyler and Longview area if you'd like to convert to 230V.