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Gecko Flo-Master XP2 Pump User Manual

Model: 06120500-2040

INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your Gecko Flo-Master XP2 2 Horsepower, 230 Volts, 2 Speed High Performance Pump. Please read this manual thoroughly before attempting to install or operate the pump. Retain this manual for future reference.

SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of injury, fire, or electric shock:

- Disconnect all power to the pump before performing any service or maintenance.
- Installation and servicing must be performed by a qualified electrician or service technician in accordance with all local and national electrical codes.
- Ensure the pump is properly grounded to prevent electrical shock.
- Do not operate the pump if it is damaged or if any electrical components are exposed.
- Keep children and unauthorized persons away from the pump during operation.
- Ensure adequate ventilation around the pump to prevent overheating.

PRODUCT OVERVIEW

The Gecko Flo-Master XP2 pump is designed for high-performance applications in spas and above-ground pools. It features a robust design for efficient water circulation.

Key Features:

- 2-inch inlets and outlets (3-inch outside diameter)
- Multiple drain locations for versatile installation
- High volume volute for efficient water flow
- High performance impellers

Pump Dimensions:



Image: Gecko Flo-Master XP2 pump with dimensions labeled. The pump measures approximately 6 inches in height, 6 inches in length, and 4 inches in width. This image illustrates the compact design of the pump, showing its motor and wet end components.

SETUP AND INSTALLATION

Proper installation is crucial for the pump's performance and longevity. Consult a qualified professional if you are unsure about any steps.

1. **Mounting:** Securely mount the pump on a solid, level surface. Ensure the mounting location is dry, well-ventilated, and protected from direct sunlight and freezing temperatures.
2. **Plumbing Connections:** Connect the pump's 2-inch inlets and outlets to your existing plumbing using appropriate unions and seals. Ensure all connections are watertight to prevent leaks. The plumbing measures 3 1/16 inches outer diameter on intake and exhaust where threaded unions attach.
3. **Electrical Wiring:** Connect the pump to a dedicated 230 Volt, 2-speed electrical circuit. All wiring must comply with local and national electrical codes. Ensure proper grounding. If replacing an existing pump, carefully note the wiring configuration of the old pump before disconnecting.
4. **Priming:** Before initial startup, ensure the pump is properly primed. Fill the wet end of the pump with water through the suction port until water flows out of the discharge port. This prevents dry running, which can damage the pump.

OPERATING INSTRUCTIONS

The Flo-Master XP2 pump operates at two speeds for varied performance needs.

- 1. Initial Startup:** After installation and priming, restore power to the pump. The pump should start automatically or can be activated via your spa or pool control system.
- 2. Speed Selection:** Use your spa or pool control panel to switch between low and high speeds. Low speed is typically used for filtration and heating, while high speed is for jets and maximum flow.
- 3. Monitoring:** Observe the pump during its first few minutes of operation to ensure there are no leaks and that water is flowing correctly. Listen for unusual noises.
- 4. Continuous Operation:** The pump is designed for continuous operation as required by your spa or pool system. Refer to your spa/pool manual for recommended filtration cycles.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pump.

- **Inspect for Leaks:** Periodically check all plumbing connections for leaks. Tighten unions as needed.
- **Clean Strainer Basket:** If your system includes a strainer basket, clean it regularly to prevent debris buildup, which can restrict flow and strain the pump.
- **Motor Ventilation:** Ensure the motor's cooling vents are clear of obstructions to prevent overheating.
- **Winterization:** In cold climates, properly drain and winterize the pump and plumbing to prevent freeze damage. Consult a professional if unsure.

TROUBLESHOOTING

This section addresses common issues you might encounter with your pump.

Problem	Possible Cause	Solution
Pump does not start	No power, tripped breaker, faulty wiring, seized motor	Check power supply and breaker. Verify wiring connections. Consult a technician if motor is seized.
Low water flow	Clogged strainer basket, air in system, closed valves, undersized plumbing	Clean strainer basket. Bleed air from system. Open all necessary valves. Ensure plumbing is adequate.
Pump is noisy	Air in system, cavitation, worn bearings, debris in impeller	Bleed air from system. Ensure adequate water supply. Inspect impeller for debris. Consult technician for worn bearings.
Pump leaks	Loose plumbing connections, worn seals/gaskets, cracked housing	Tighten connections. Replace worn seals/gaskets. Consult technician for cracked housing.

SPECIFICATIONS

Attribute	Detail
Model Number	06120500-2040

Attribute	Detail
Brand	Gecko
Horsepower	2 HP (3.6 SPL HP)
Voltage	230 Volts
Speed	2 Speed
Inlets/Outlets	2 inches (3 inches OD)
Material	Polypropylene (PP), Stainless Steel
Product Dimensions (L x W x H)	6" x 4" x 6"
Item Weight	33.6 Pounds
Specific Uses	Above-ground pool, Spa
UPC	852673919437, 852669625663

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your purchase receipt as proof of purchase for any warranty claims.