



365S '12 VDC Pump'

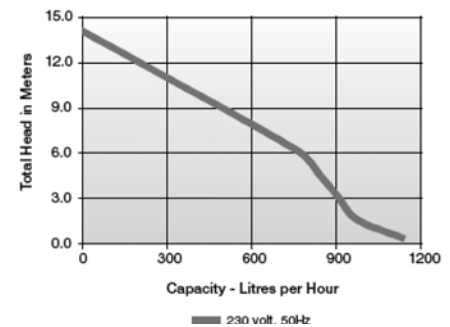
Commercial, industrial and home uses where liquid must be transferred

- 1/10 HP non-submersible stainless pump body
- 12 VDC motor
- 2.1 m with clips cord
- Self-priming for instant delivery or de-watering up to 1.8 m
- Rugged metallic handle for easy portability
- Dual threaded intake and discharge with both 19mm male garden hose thread and 10 mm FNPT
- IP 53



Capacity:	1136 LPH @31m
Shut Off:	14 m
Discharge:	19 mm
Electrical:	12VDC, 60Hz, 7.0A, 165W
MODEL:	555203

Performance Curves





365 PONY PUMP

Introduction

This instruction sheet provides you with information required to safely own and operate your Little Giant pump. It primarily covers the standard models of each pump series. The form is applicable to other models in the series not listed by catalogue number in the replacement parts list section of the instruction sheet. If the catalogue number of your pump is not listed in the replacement parts list section, then caution should be exercised when ordering replacement parts. Always give the catalogue number of your pump when ordering replacement parts.

The Little Giant unit you have purchased is of the highest quality workmanship and material. It has been engineered to give you long and trouble-free service. The Little Giant pumps are carefully packaged, inspected and tested to insure safe operation and delivery. When you receive your pump, examine it carefully to determine that there are no broken or damaged parts that may have occurred during shipment. If damage has occurred, make notation and notify the firm that you purchased the pump from. They will assist you in replacement or repair, if required.

READ INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL, OPERATE OR SERVICE THE LITTLE GIANT PUMP. KNOW THE PUMP APPLICATION, LIMITATIONS, AND POTENTIAL HAZARDS. PROTECT YOURSELF AND OTHERS BY OBSERVING ALL SAFETY INFORMATION. FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE! RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.

DESCRIPTION

Your Little Giant pump is designed for general, commercial and industrial applications. It is designed for water, but is not submersible. It can be used to transfer liquids, and to empty or fill tanks, sinks or bowls. The pump can be used to pump bilge water, but the pump must not be located in the bilge area. It is self-priming to 7 ft. if the impeller is initially wet (primed). A carrying handle is included.

NOTE: Unit is NOT RECOMMENDED for use with soap detergents, gasoline, waste oil, fuel oil, flammable, explosive or combustible liquids or other fluids not compatible with pump component materials. Do not use unit in enclosed areas. Intermittent duty only (15 minutes per hour).

SAFETY GUIDELINES

WARNING: Do not use to pump flammable or explosive fluids such as gasoline, fuel oil, kerosene, etc. Do not use in flammable and/or explosive atmospheres. Pump should only be used with liquids compatible with pump component materials. Failure to follow this warning can result in personal injury and/or property damage.

1. Know the pump application, limitations, and potential hazards.
2. **WARNING:** Do not handle a pump or pump motor with wet hands or when standing on a wet or damp surface, or in water.
3. The pump is not submersible and is intended for open-air use only.
4. Disconnect power before servicing a motor or its load. If the power disconnect is out-of-sight, lock it in the open position and tag it to prevent unexpected application of power.
5. Release all pressure within the system before servicing any component.
6. Drain all liquids from the system before servicing.
7. The pump motor is equipped with an automatic resetting thermal protector and may restart unexpectedly. Protector tripping is an indication of motor overloading as a result of operating the pump at low heads (low discharge restriction), excessively high or low voltage, inadequate wiring, pumping too hot a liquid, incorrect motor connections, or a defective motor or pump. Read troubleshooting chart.
8. Do not touch an operating motor. Modern motors are designed to operate at high temperatures.
9. Provide adequate protection and guarding around moving parts. Secure the discharge line before starting the pump. An unsecured discharge line will whip, possibly causing personal injury and/or property damage.
10. Check hoses for weak or worn condition before each use, making certain that all connections are secure.
11. Periodically inspect pump and system components. Perform routine maintenance as required (see SERVICE INSTRUCTIONS).
12. Provide a means of pressure relief for pumps whose discharge line can be shut-off or obstructed.
13. **PERSONAL SAFETY:** Wear safety glasses at all times when working with pumps. 14. Do not add acid or electrolyte to a battery being used – add only water.
14. Consult the battery manufacturer for any additional safety instructions.



ELECTRICAL CONNECTIONS

1. Make certain that power source conforms to the requirements of your equipment.
2. When wiring an electrically driven pump, follow all electrical and safety codes, as well as the most recent National Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA) in the United States.
3. Model 360 and 370 are only for use on 115 volt (single-phase) and is equipped with an approved 3-conductor cord and 3-prong, grounding-type plug. Model 365 is for 12VDC.
4. To reduce the risk of electric shock, models 360 & 370 should be plugged directly into a properly installed and grounded 3-prong grounding-type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. The motor must be securely and adequately grounded for your protection against shock hazards! Never connect the green (or green and yellow) wire to a live terminal! SEE SECTIONS 10, 11 & 12 FOR MODEL 365.
5. Where a 2-prong wall receptacle is encountered, it must be replaced with a properly grounded 3-prong receptacle installed in accordance with the National Electrical Code and local codes and ordinances.
6. To ensure a proper ground, the grounding means must be tested by a qualified electrician. Use only 3-wire extension cords that have 3-prong, grounding-type plugs and receptacles that accept the equipment plug.
7. All wiring should be performed by a qualified electrician.
8. Protect electrical cord from sharp objects, hot surfaces, oil and chemicals. Avoid kinking the cord. Replace or repair damaged or worn cords immediately.
9. When using an extension cord make sure wire is of adequate size to minimize voltage drop at the motor. For models 360 & 370, 16 AWG is OK up to 40'.

For Model 365

1. The model 365 pump is not equipped with an inline fuse. Because of the wide variety of applications and mounting situations, an inline fuse has not been permanently installed. In order to provide adequate protection for the motor, an inline fuse and fuse holder MUST be installed. The model 365 pump warranty does not cover motor damage caused by over heating. For maximum protection, a fuse of 7 amps is suggested. Fuses and fuse holders are readily available in most hardware, auto and home improvement stores.
2. GENERAL CONNECTION INFORMATION to a 12VDC battery.
3. Connect POSITIVE or PLUS (+) lead from the pump to battery first. POSITIVE lead of pump is red.
4. If pump is to be connected to battery that is installed in a vehicle, connect NEGATIVE or MINUS (-) lead to a ground away from the battery, such as the metal of the vehicle or the negative wiring terminal strip or other negative common point of the battery (away from the battery), if so equipped. Always connect NEGATIVE (-) lead last. NEGATIVE (-) lead of pump is black.
5. When DISCONNECTING — Disconnect NEGATIVE (-) lead from the grounded location first. Then disconnect the POSITIVE (+) lead from the battery.
6. When attaching pump leads to battery terminals, be sure that the area (bilge of a boat, for instance) is adequately ventilated to prevent an explosion or fire from explosive or flammable vapors that may be present.
7. Batteries emit hydrogen gas that is explosive. Avoid smoking, sparks or open flame anywhere in the vicinity of the battery.
8. EXPLOSION from battery can cause blindness. Shield eyes when working near any battery.
9. Batteries contain sulfuric acid. In case of contact with eyes, skin or clothing FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER; GET MEDICAL ATTENTION.

PUMP MODEL	360/370	365
Power Supply Volts	115V	12V
Power Supply Amps	2A	10A
Power Supply Hz (DC=12VDC battery)	60	DC
Fuse	2A	7A
Max Fluid Temperature (°F)	140	140
Minimum Fluid Temperature (°F)	40	40
Thermal Protection (A=Autoreset)	A	A
Motor Max Current Rating (Amps)	1.6	7.0
Duty Cycle (I=Intermittent)	15 min/hr	I