

**Little Giant**  
"Your Solution Innovator"

## Sewage Sump Pumps

**Little Giant Sewage Pumps** for high volume transfer of liquids with solids up to 2" diameter. Completely submersible design. Ideal for Commercial, Agricultural or Industrial applications where large solids may be present.

**Standard Features:** Oil filled motor housings for lifetime lubrication • Mechanical type seals of Nitrile/ceramic/carbon construction • Thermal overload protection • Cast Iron pump housings with Epoxy coating for added corrosion resistance. All motors are single, phase, (three phase available in some models). All pumps are UL/CSA approved.

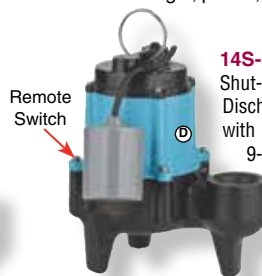
**9S-CIM:** Manual pump rated to **80 gpm @ 10' height**, (60 gpm @ 15' height). Shut-off height is 20'. Motor is 4/10 hp, 115 volt motor with 20' power cord. Discharge port is 2" FPT. Handles solids to 2". Dimensions: 13-1/2" H x 10-1/2" L x 8-1/2" W. Weight 39 lbs.



9S-CIM

**9SC-CIARFS:** Same as above but with remote automatic float switch for "on" at 10-13", off at 5-8".

**10S-CIM:** Manual pump rated to **120 gpm @ 5' height**, (80 gpm @ 15' height). Shut-off height is 25'. Motor is 1/2 hp, 115 volt with 20' power cord. Discharge port is 2" FPT. Handles solids to 2". Dimensions: 14" H x 11-1/2" L x 9-1/2" W. Weight 36 lbs.



10S-CIARFS

**10S-CIARFS:** Same as above but with remote automatic float switch for "on" at 16-19", off at 9-11" liquid level.

Part No.	Motor	Maximum Flow	Shut-Off Height	Auto Switch	Wt. Lbs.
GJ 9S-CIM	4/10hp-115v	110 GPM @ 5'	20'	No	36
GJ 9SC-CIARFS	4/10hp-115v	110 GPM @ 5'	20'	Yes	39
GJ 10S-CIM	1/2hp-115v	120 GPM @ 5'	25'	No	43
GJ 10S-CIARFS	1/2hp-115v	120 GPM @ 5'	25'	Yes	45
GJ 14S-CIM	1/2hp-115v	100 GPM @ 10'	25'	No	88
GJ 16S-CIM	1hp-230v	160 GPM @ 10'	35'	No	94
GJ 20S-CIM	2hp-230v	205 GPM @ 10'	77'	No	96

**14S-CIM:** Manual pump rated to **100 gpm @ 10' height**. Shut-off is 25'. Motor is 1/2 hp, 115 volt with 20' power cord. Discharge port is 3" FPT. Handles solids to 2". Standard with cast iron impeller. Dimensions: 16" H x 14-1/16" L x 9-7/8" W. Weight 80 lbs.

**16S-CIM:** Manual pump rated to **160 gpm @ 10' height**. Shut-off is 35'. Motor is 1 hp, 230 volt with 20' power cord. Discharge port is 3" FPT. Handles solids to 2". Standard with cast iron impeller. Dimensions: 16" H x 14-1/16" L x 9-7/8" W. Weight 88 lbs.



14S-CIM

**20S-CIM:** Manual pump rated to **205 gpm @ 10' height**. Shut-off is 77'. Motor is 2 hp, 1 ph, 230 volt with 20' power cord. Discharge port is 3" FPT. Handles solids to 2". Standard with brass impeller. Dimensions: 18-1/2" H x 13" H x 8-1/2" W. Weight 96 lbs.

Check pump components for compatibility if chemical solutions are to be removed.

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## Submersible Parts Washer Pump

**Little Giant Brand.** For use with Stoddard Solvent and deodorized Kerosene. Cast aluminum housing, Viton® seal & nylon head. Thermally protected. Outlet is 1/4" MPT. Supplied with a 6 ft. 3 conductor cord with a 1/2" MPT builders fitting at cord outlet for conduit connection. Handles unheated liquids up to 100° F. with a minimum 140° flash point. Solutions must be compatible with pump materials. Flow rate is 205 GPH at 1' head. 4-1/4" x 4-1/8". **Entire pump must be submerged.**



1YS

Part No.	Power	Wt.
GJ 1YS Washer Pump	115 Volt	3 lbs.

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## Specialty Pumps

These pumps are ideal for light volume transferring or recirculating of chemical solutions. Specifically engineered for highly specialized applications. Submersible and Non-submersible models.



NK1

**NK1** Submersible pump designed for use in mild acids, alkalies and hard water applications. Perfect choice for automatic soap tank applications.

**Features:** Glass-filled, corrosion resistant, nylon housing • Viton® seal • 1/4" MPT discharge • 6' power cord • Hermetically sealed and filled with special oil for lifetime lubrication • Thermally protected. Dimensions are 4-9/16" x 4-1/8".

**E-NDVR:** Non-Submersible pump for use with weak acids, chemicals, cleaning solvents, anti-freeze, potable fluids (pH of 6-7).

**Features:** Nylon front with 3/8" FPT inlet, 1/4" MPT outlet • Stainless steel plate and motor shaft • Viton® seals • 6' power cord • Thermally protected. Dimensions are 4-1/2" H x 5-1/2" L x 3-1/2" W.

Part No.	* Flow Rate	HP	Voltage	Wt
GJ NK1	210 GPH	1/150	115 Volt	3.4 lbs.
GJ 2E-NDVR	300 GPH	1/40	115 Volt	5.4 lbs.

\* Flow rates are based on 1' discharge height.

## Magnetic-Drive Chemical Solution Pumps

### Medium Flow - Low Pressure

**Little Giant Magnetic-Drive Solution Pumps** are ideal for recirculating or transferring corrosive solutions. Compatible with some acids, alkalis, plating solutions or salt solutions. Rated up to 200° F., 100 SSU viscosity and 1.1 specific gravity.

Leak-proof, seal-less magnetic drive eliminates friction loss, wear, leakage, and contamination. Motors are open, fan cooled. Single phase, 115 Volt is standard, (230 Volt optional). Inlet ports are 1/2" FPT or 3/4" FPT. Outlet ports are 1/2" MPT. All pumps shown are UR & CSAC listed.



2MD



2MDHC

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Viton® is a registered trademark of DuPont Performance Elastomers

**2MD and 3MD** are designed to handle mildly corrosive solutions.

**2MDSC and 3MDSC** are designed for semi-corrosive solutions. Pump heads and impellers on these units are glass-filled polypropylene. Nitrile O-ring is standard. Designed for intermittent duty.

**2MDHC and 3MDHC** are designed to handle highly corrosive solutions. Standard with self-lubricating carbon impeller bushing and Viton® O-ring. Pumping head, impeller and encapsulated magnet are of Ryton construction. These pumps have run/dry capabilities to 8 hours.

Part No.	**Solution Use	HP	GPM*	Temperature	Wt.
GJ 2MD	Mildly Corrosive	1/30	6.85	150° F.	4 lbs.
GJ 3MD	Mildly Corrosive	1/20	8.20	150° F.	7 lbs.
GJ 2MDSC	Semi-Corrosive	1/25	6.85	150° F.	7 lbs.
GJ 3MDSC	Semi-Corrosive	1/12	11.0	150° F.	8 lbs.
GJ 2MDHC	Highly Corrosive	1/30	8.50	200° F.	7 lbs.
GJ 3MDHC	Highly Corrosive	1/12	11.0	200° F.	8 lbs.

\* Based on 6' discharge head. Flows will decrease if higher head is required.

\*\* Please check compatibility of solutions to be pumped when ordering.