

# LITTLE GIANT PUMP COMPANY

## Small Submersible Pumps

### #1 Pump



APPLICATIONS: For commercial, industrial, and home use worldwide where liquid must be transferred or recirculated. Applications include aquariums, swimming pools, water displays, ice makers, air conditioners, boat bailing, circulating water for welding and pipe threading machines, pumping mild chemicals such as soap solutions, plating solutions, and fertilizers where materials are compatible.

Motor 1/150HP Oil filled  
Max flow rate 205 GPH @ 1'  
Max head 7.4'

Model No	Mfg Part No	Description
1	501003	115V 6' power cord
1	501500	127V 6' power cord
1-T	501086	115V 10' power cord
1-Y	501016	230V 10' power cord

## Dual Purpose Pumps

### 2E Pump



APPLICATIONS: Little Giant Dual Purpose pumps may be used totally submersed or in-line (gravity fed with pipe or hose). For commercial, industrial, and home use worldwide where liquid must be transferred or recirculated. Applications include aquariums, swimming pools, water displays, ice makers, air conditioners, boat bailing, circulating water for welding and pipe threading machines, pumping mild chemicals such as soap solutions, acids, plating solutions, and fertilizers where materials are compatible.

PRODUCT CHARACTERISTICS  
Motor .....1/40HP Oil filled  
Maximum flow rate .....300 GPH @ 1'  
Maximum Head .....11.8'

Model No	Mfg Part No	Description
2E-38N	502203	115V 6' power cord
2E-38N	502403	115V 6' power cord, black
2E-38N	502500	127V 6' power cord
2E-38NY	502216	230V 12' power cord
2E-38NT	502286	115V 10' power cord, water only

## Submersible Sump Pumps

### 6 Series



Big John® submersible sump pumps provide efficient, reliable service for extended or continuous use in moving large volumes of water. Available with thermal overload protection in manual or automatic models, with epoxy coated cast iron pump housing and oil-filled motor housing, they are ideal for use in excavation, crawl space, basements, underground passageways, loading docks, grain elevators, construction sites, cooling towers, fire cleanup and other applications requiring high volume water dispersal.

- Cast iron housing with epoxy coating
- Thermal overload protection
- Completely submersible

PRODUCT CHARACTERISTICS  
Motor .....1/3 HP Shaded Pole  
Maximum flow rate .....46 GPM @ 5'; 174 LPM @ 1.52m  
Maximum Head .....18'.....5.5m

Model No	Mfg Part No	Description
6-CIM-R	506271	Manual, 115V, 10' power cord
6-CIM-R	506274	Manual, 115V, 25' power cord
6-CIA-RS	506267	Manual or Automatic, 115V, 10' power cord
6-CIM	506266	Manual, 230V, 12' power cord without plug

## Automatic Condensate Removal Pumps

### VCMA Series

Little Giant Pump Company — the company that has always been the forerunner in condensate removal pump design, introduces the new generation VCMA Series. Adding features for every installation, with guaranteed serviceability and unmatched reliability, Little Giant Pump Company once again defines state-of-the-art in pump design.

- Suitable for High-Efficiency, Gas-Furnace Condensate
- Fully Automatic
- High performance motor
- 1/2 gallon leakproof, rustproof, high impact ABS tank
- 3 inlet drain holes
- Removable 3/8" barbed check valve
- New Added ventilation to prolong motor life
- Elevated intake to reduce clogging
- Optional safety switch
- ABS plastic volute, motor & tank cover
- GF polypropylene ABS impeller
- Stainless steel shaft
- Snap-action switch
- 6' power cord with 3-pronged plug
- Easy installation
- UL & CSA listed
- generation float arm for enhanced reliability
- Reversible cover for installation flexibility
- Thermal overload protection

### VCMA-15



PRODUCT CHARACTERISTICS  
Motor .....1/50HP  
Maximum flow rate .....65 GPH @ 1'  
Maximum Head .....15'  
Tank Capacity .....1/2 gal.

Model No	Mfg Part No	Description
VCMA-15ULT	554411	115V, 6' power cord, includes tubing
VCMA-15ULST	554415	115V, 6' power cord, with safety switch and includes tubin
VCMA-15UL	554401	115V, 6' power cord
VCMA-15ULS	554405	115V, 6' power cord, with safety switch

### VCMA-20



PRODUCT CHARACTERISTICS  
Motor .....1/30HP  
Maximum flow rate .....80 GPH @ 1'  
Maximum Head  
115V models .....20'  
230V models .....17'  
Tank Capacity .....1/2 gal.

Model No	Mfg Part No	Description
VCMA-20ULT	554431	115V, 6' power cord, includes tubing
VCMA-20UL	554421	115V, 6' power cord
VCMA-20ULS	554425	115V, 6' power cord, with safety switch
VCMA-20ULS	554455	230V, 6' power cord, with safety switch
VCMA-20ULS	554455	230V, 6' power cord, with safety switch
VCMA-20ULST	554435	115V, 6' power cord, with safety switch and includes tubing
VCMA-20ULST	554461	230V, 6' power cord, with safety switch and includes tubing

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Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

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## Automatic Condensate Removal Pumps

### VC Series

#### FEATURES

- Suitable for High-Efficiency, Gas-Furnace Condensate
- Vertical type pump unit
- Leakproof, rustproof, ABS plastic tank
- ABS motor & tank cover and volute
- Galvanized steel tank cover and ABS plastic switch cover on VCL Series
- Stainless steel shaft
- Snap-action switch
- 3/8" OD barbed discharge, unless otherwise described
- Thermal overload protection
- 6' power cord with 3-pronged plug



### VCC

#### PRODUCT CHARACTERISTICS

Motor .....1/30HP  
 Maximum flow rate .....80 GPH @ 1'  
 Maximum Head  
     554200 .....20'  
     554210 .....17'  
 Tank Capacity .....3/10 gal.

Model No	Mfg Part No	Description
VCC-20ULS	554200	115V, 6' power cord, low profile, automatic, with safety switch
VCC-20ULS	554210	230V, 6' power cord, low profile, automatic, with safety switch



### VCL-14

#### PRODUCT CHARACTERISTICS

Motor .....1/50HP  
 Maximum flow rate .....200 GPH @ 1'  
 Maximum Head .....14'  
 Tank Capacity .....1 gal.

Model No	Mfg Part No	Description
VCL-14ULS	553101	115V, 6' power cord, automatic with safety switch



### VCL-24

#### PRODUCT CHARACTERISTICS

Motor .....1/18HP  
 Maximum flow rate .....270 GPH @ 1'  
 Maximum Head .....24'  
 Tank Capacity .....1 gal.

Model No	Mfg Part No	Description
VCL-24UL	553206	115V, 6' power cord, automatic
VCL-24UL	553201	115V, 6' power cord, automatic with safety switch
VCL-24UL	553211	230V, 6' power cord, automatic with safety switch

### VCL-45



#### PRODUCT CHARACTERISTICS

Motor .....1/5HP  
 Maximum flow rate .....450 GPH @ 1'  
 Maximum Head .....45'  
 Tank Capacity .....1 gal.

Model No	Mfg Part No	Description
VCL-45ULS	553240	115V, 6' power cord, automatic with safety switch
VCL-45ULS	553245	230V, 6' power cord, automatic with safety switch

### Shallow-Pan Tank Styles



### 34C-SPT

#### PRODUCT CHARACTERISTICS

Motor .....1/12HP Oil filled  
 Maximum flow rate .....310 GPH @ 1'  
 Maximum Head .....26'

Model No	Mfg Part No	Description
34C-SPT	551301	Automatic, 115V, 6' power cord
34C-SPT	551311	Automatic, 230V, 12' power cord

### 1-ABS



- Designed for in-pan mounting
- Aluminum pump housing
- 1/4" MNPT discharge
- "On" in 1" of water
- "off" in 1/2"
- Stainless steel shaft
- Integral float-activated Mercury switch
- 6' power cord with 3-prong molded plug
- Thermal overload protection

#### PRODUCT CHARACTERISTICS

Motor .....1/150HP Oil filled  
 Maximum flow rate .....205 GPH @ 1'  
 Maximum Head .....10'

Model No	Mfg Part No	Description
1-ABS	550515	115V, 6' power cord, automatic
1-ABS	550525	230V, 6' power cord, automatic

### TKT Tank Kit



Nylon tank, check valve, and 20' of 1/4" id TUBING. For use with Model 1-ABS pump.

Model No	Mfg Part No	Description
TKT Tank Kit	550100	1/2 gal. tank

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## Automatic Condensate Removal Pumps

### EC Series

#### EC-400



The EC Series is a complete pumping system designed to remove condensation from wall mounted, ceiling and fan coil split air conditioning equipment when gravity drainage is not possible. Compact design allows for easy installation in most systems. Components can be placed inside the air handler or the pump can be placed up to 3' above the air handler in the ceiling void or inside trunking conduit. A three position symmetrical float sensing system assures reliable ON, OFF and SAFETY ALARM functions. Intake tubing, tube clamps, adhesive tape and vent tubing included.

#### FEATURES

- Fully automatic
- Draws only 0.4 watts in standby mode
- Encapsulated circuit board/controller and pump
- Compact two-piece design for quick and flexible installation
- Quite operation

#### PRODUCT CHARACTERISTICS

Maximum flow.....4.0 GPH  
 Maximum head .....230V: 40, 115V: 40'  
 Design operating point .....1.6 GPH @ 13.1'  
 Pump outlet designed for 5/32" ID tubing

Model No	Mfg Part No	Description
EC-400	553450	230V, fully automatic
EC-400	553455	115V, fully automatic

## Pump/Unit Accessories

### Condensate Removal Accessories

#### Check Valves

##### CV-2



Check valve for pump 1-ABS or 2EC-SPT. 1/4" FNPT to 1/4" OD tubing.

Model No	Mfg Part No
CV-2	599061

##### CV-4



Check valve for pump 34C-SPT. 1/2" FNPT to 1/2" OD rigid-plastic or copper tubing.

Model No	Mfg Part No
CV-4	599062

##### CV-10



Check valve for pump series VCC, VCMA and VCL-14/24. 1/4" MNPT to 3/8" ID vinyl tubing.

Model No	Mfg Part No
CV-10	599065

##### CV-35



Check valve for pump VCL-45ULS. 3/8" OD rigid-plastic or copper tubing on both ends.

Model No	Mfg Part No
CV-35	599064

#### CV-14/24



Check valve for pump series VCC, VCMA and VCL-14/24. 1/4" MNPT to 3/8" OD rigid-plastic or copper tubing.

Model No	Mfg Part No
CV-14/24	599069

#### CV-15/20



Brass check valve for pump series VCMA- 15/20. 1/4" MNPT to 3/8" OD rigid-plastic or copper tubing.

Model No	Mfg Part No
CV-15/20	599063

### Condensate Overflow Safety Switch

#### ACS-2 Switch



Auxiliary condensate switch installs in the condensate drain pan of an air conditioning or refrigeration unit, to turn off the unit or activate an alarm if the condensate level in the drain pan approaches overflow. ABS housing, polyethylene float.

Model No	Mfg Part No	Description
ACS-2	599122	18" lead wires, 48 VAC/VDC mas., 5 amps mas, low voltage
ACS-2	599123	72" lead wires, 48 VAC/VDC mas., 5 amps mas, low voltage

### Tubing, Clear Vinyl



Model No	Mfg Part No	Description
T-20	599040	20' length; 1/4" ID x 3/8" OD
TKT	550100	Tank/tubing kit. 1/2 gal tank, 20' length tubing (T-20) and CV-2 check valve; for use with 1-ABS pump
T-3/8	599107	100' length; 3/8" ID x 1/2" OK
T-20/25	599033	25 pieces of 20' length; 3/8" ID x 1/2" OD
T-10	599051	10' length; 1/2" ID x 5/8" OD
T-1/2	599108	100' length; 1/2" ID x 5/8" OD
T-5/8	599109	100' length; 5/8" ID x 3/4" OD

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