Condensate Removal Pump: Medium Tank

1/2 gallon capacity; safety switch; and 20’ shut off.
See page 4 for more information.

Condensate Removal Pump: Shallow-Pan Tank

Durable thermoplastic float; advanced mechanical switch; and fully submersible.
See page 7 for more information.

Condensate Removal Pump: Mini-Split/Ductless

New sensing technology, passive motor vibration dampening, and versatile mounting hardware; quick and easy installation; and quiet and reliable operation.
See page 8 for more information.

Accessories: Auxiliary Condensate Overflow Safety Switch

Low-voltage; 18” or 72” lead wire; and can install switch to activate audible and/or visual alarm.
See page 13 for more information.

See your distributor for more information, or call Franklin Electric directly at 1-800-701-7894.
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Condensate Removal Pumps

VCMX SERIES
High Capacity Model

Applications
- For removal of condensate from air conditioners, suitable for high efficiency, gas furnace condensation, and condensing boilers

Features
- 1/30 hp high performance motor
- Fully automatic: start, stop, safety switch
- Check valve outlet: 3/8” (9.5 mm), for 3/8” (9.5 mm) ID
- cCSAus listed
- Options: safety switch, 20’ (6 m) of 3/8” (9.5 mm) tubing, and anti-sweat sleeve

Series Specifications
Capacity: 84 gph @ 1’ (318 lph @ 0.31 m) 115 V
80 gph @ 1’ (303 lph @ 0.31 m) 230 V
Shut-Off: 21’ (4.8 m)
Maximum Liquid Temperature: 140 °F (60 °C)
Discharge: 3/8” (9.5 mm)

Impeller: Polypropylene
Electrical: 115 V, 60 Hz, 1.5 A, 93 W
230 V, 50/60 Hz, 0.60 A, 75 W
Operation: Automatic

Model Characteristics

NXTGen

| Item #   | Model  | Performance (GPH @ Height in Feet) | Shut-Off (ft) | Volts | Hertz | Amps | Watts | Cord (ft) | Check Valve | Safety Switch | Dimensions (inches) | List/Cert. |
|----------|--------|-----------------------------------|--------------|-------|-------|------|-------|-----------|-------------|---------------|-----------------|------------------|------------|
| 554520   | VCMX-20UL | 84 75 60 42 10 21 115 60 1.5 93 6 3/8" No | 6.5 10.2 4.8 | cCSAus |
| 554521   | VCMX-20UL | 80 69 54 36 0 20 230 50/60 0.6/0.5 75 6 3/8" No | 6.5 10.2 4.8 | cCSAus |
| 554530   | VCMX-20ULS | 84 75 60 42 10 21 115 60 1.5 93 6 3/8" Yes | 6.5 10.2 4.8 | cCSAus |
| 554531   | VCMX-20ULS | 80 69 54 36 0 20 230 50/60 0.6/0.5 75 6 3/8" Yes | 6.5 10.2 4.8 | cCSAus |

NXTGen With Tubing

| Item #   | Model  | Performance (GPH @ Height in Feet) | Shut-Off (ft) | Volts | Hertz | Amps | Watts | Cord (ft) | Check Valve | Safety Switch | Dimensions (inches) | List/Cert. |
|----------|--------|-----------------------------------|--------------|-------|-------|------|-------|-----------|-------------|---------------|-----------------|------------------|------------|
| 554550   | VCMX-20ULST | 84 75 60 42 10 21 115 60 1.5 93 6 3/8" Yes | 6.5 10.2 4.8 | cCSAus |
| 554551   | VCMX-20ULST | 80 69 54 36 0 20 230 50/60 0.6/0.5 75 6 3/8" Yes | 6.5 10.2 4.8 | cCSAus |

NXTGen With Anti-Sweat Sleeve

| Item #   | Model  | Performance (GPH @ Height in Feet) | Shut-Off (ft) | Volts | Hertz | Amps | Watts | Cord (ft) | Check Valve | Safety Switch | Dimensions (inches) | List/Cert. |
|----------|--------|-----------------------------------|--------------|-------|-------|------|-------|-----------|-------------|---------------|-----------------|------------------|------------|
| 554542   | VCMX-20ULS-C | 84 75 60 42 10 21 115 60 1.5 93 6 3/8" Yes | 6.8 10.3 5.1 | cCSAus |
Condensate Removal Pumps

**VCMX SERIES**
High Capacity Model  continued

<table>
<thead>
<tr>
<th>External Overflow Safety Switch</th>
<th></th>
<th>Description</th>
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<tr>
<td>599136</td>
<td>ACS-X10</td>
<td>Safety Switch with 10” Leads</td>
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<td>599137</td>
<td>ACS-X72</td>
<td>Safety Switch with 72” Cable</td>
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**Anti-Sweat Sleeve**

<table>
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<tr>
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<tbody>
<tr>
<td>599138</td>
<td>VCMX-CK</td>
<td>Tank Sleeve with Mounting Bracket</td>
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</table>

**VCMX-20ULS**
with Tubing

**VCMX-20ULST**
with Anti-Sweat Sleeve

**VCMX-20ULS-C**

- **1/4-Turn Check Valve**: Allows servicing without removal of tubing, eliminating water spills
- **Cooling Design**: Improved cooling increases pump life
- **Sleek and Stylish Appearance**: Performs as good as it looks
- **Optional External Overflow Safety Switch**: Gives you the option to connect air-handler shutdown, or activate an alarm or building automation system
- **Slimmer Footprint**: 6.5” x 10.2” x 4.8” size offers flexibility in tight spaces
- **Rubber Feet**: Absorb vibration on hard surface installations
- **Oil-Resistant Tank and Check Valve**: Eliminate the problem of cracked tanks with exposure to oil
- **External Test/Run Lever**: Quick test/run and easy drainage of the tank for servicing

**2yr. Warranty**
Condensate Removal Pumps

VCMA SERIES
Medium Tank

Applications
• For removal of condensate from an air conditioner, suitable for high efficiency, gas furnace condensation, and condensing boilers

Features
• 1/50 hp high performance motor
• ABS tank, motor cover, and volute
• 1/2 gallon tank capacity
• Stainless steel shaft
• Snap-action switch
• Removable 3/8" (9.5 mm) barbed check valve
• 3 inlet drain holes
• Thermal overload protection

Series Specifications
Capacity: 65 gph @ 1'
(246 lph @ 0.31 m)
Shut-Off: 15' (4.6 m)
Maximum Liquid Temperature: 140 °F (60 °C)
Discharge: 3/8" barbed (9.5 mm)
Impeller: Glass-filled polypropylene

Model Characteristics
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<th>Model</th>
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<th>Cord</th>
<th>Capacity</th>
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<td>554401</td>
<td>VCMA-15UL</td>
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<td>VCMA-15ULS</td>
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<td>65 gph @ 1'</td>
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<td>VCMA-15ULT</td>
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<td>65 gph @ 1'</td>
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<td>554415</td>
<td>VCMA-15ULST</td>
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<td>65 gph @ 1'</td>
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</tbody>
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Electrical: 115 V, 60 Hz, 1 A
Operation: Automatic

Capacity - Gallons per Hour
Total Head in Feet

VCMA-15ULS

VCMA-20ULS

Applications
• For removal of condensate from an air conditioner, suitable for high efficiency, gas furnace condensation, and condensing boilers

Features
• 1/30 hp high performance motor
• ABS tank, motor cover, and volute
• 1/2 gallon tank capacity
• Stainless steel shaft
• Removable 3/8" (9.5 mm) barbed check valve
• 3 inlet drain holes
• Thermal overload protection

Series Specifications
Capacity: 80 gph @ 1'
(303 lph @ 0.31 m)
Shut-Off: 20' (6.1 m) 115 V models
17' (5.2 m) 230 V models
Maximum Liquid Temperature: 140 °F (60 °C)
Discharge: 3/8" barbed (9.5 mm)
Impeller: Glass-filled polypropylene

Model Characteristics
<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
<th>Volts</th>
<th>Cord</th>
<th>Capacity</th>
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<td>80 gph @ 1'</td>
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<td>554461</td>
<td>VCMA-20ULST</td>
<td>230</td>
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<td>80 gph @ 1'</td>
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</table>

Electrical: 115 V, 60 Hz, 1 A
230 V, 50/60 Hz, 0.6/0.5 A
Operation: Automatic

Capacity - Gallons per Hour
Total Head in Feet

115 Volt, 60 Hz  230 Volt, 60 Hz
## Condensate Removal Pumps

### VCC SERIES
**Low Profile Tank**

#### Applications
- For removal of condensate from an air conditioner, suitable for high efficiency and gas furnace condensation

#### Features
- 1/30 hp motor
- Low profile for limited space applications
- ABS tank, motor cover, and volute
- 3/10 gallon tank capacity
- Stainless steel shaft
- Removable 3/8" (9.5 mm) barbed check valve

#### Series Specifications
- **Capacity:** 80 gph @ 1’
  (303 lph @ 0.31 m)
- **Shut-Off:** 20’ (6.1 m)
- **Liquid Temperature:** 120 °F (49 °C)
- **Discharge:** 3/8’ barbed (9.5 mm)
- **Impeller:** Polypropylene
- **Electrical:** 115 V, 60 Hz, 1 A
- **Operation:** Automatic

#### Model Characteristics

<table>
<thead>
<tr>
<th>Item #</th>
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<th>Cord</th>
<th>Capacity</th>
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<td>6'</td>
<td>80 gph @ 1’</td>
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<td></td>
<td></td>
<td>303 lph @ 0.31 m</td>
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<tr>
<td>554210</td>
<td>VCC-20ULS</td>
<td>230</td>
<td>6'</td>
<td>80 gph @ 1’</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>303 lph @ 0.31 m</td>
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</table>

### VCL SERIES
**Large Tank**

#### Applications
- For removal of condensate from an air conditioner, suitable for high efficiency, gas furnace condensation, and condensing boilers

#### Features
- 1/50 hp motor
- Galvanized steel tank cover
- ABS tank, volute, and switch cover
- 1 gallon tank capacity
- Stainless steel shaft
- Thermal overload protection
- Safety switch
- cCSAus

#### Series Specifications
- **Capacity:** 200 gph @ 1’
  (757 lph @ 0.31 m)
- **Shut-Off:** 14’ (4.3 m)
- **Liquid Temperature:** 120 °F (49 °C)
- **Discharge:** 3/8’ barbed (9.5 mm)
- **Impeller:** Polypropylene
- **Electrical:** 115 V, 60 Hz, 1 A
- **Operation:** Automatic

#### Model Characteristics

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
<th>Volts</th>
<th>Cord</th>
<th>Capacity</th>
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<td>115</td>
<td>6'</td>
<td>200 gph @ 1’</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>757 lph @ 0.31 m</td>
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</table>

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### Graphs

- **Capacity - Gallons per Hour**
  - 115 Volt, 60 Hz
  - 230 Volt, 60 Hz

- **Capacity - Liters per Hour**

- **Total Head in Feet**

- **Total Head in Meters**

---

5
Condensate Removal Pumps

**VCL SERIES**

**Large Tank**

---

### Applications
- For removal of condensate from an air conditioner, suitable for high efficiency, gas furnace condensation, and condensing boilers

### Features
- 1/18 hp motor
- Galvanized steel tank cover
- ABS tank, volute, and switch cover
- 1 gallon tank capacity
- Stainless steel shaft
- Snap-action switch
- Safety switch (553201, 553211)
- Thermal overload protection
- cCSAus

### Series Specifications
- **Capacity:** 270 gph @ 1’ (1022 lph @ 0.31 m)
- **Shut-Off:** 24’ (7.3 m)
- **Liquid Temperature:** 120 °F (49 °C)
- **Discharge:** 3/8” barbed (9.5 mm)
- **Impeller:** Polypropylene

### Model Characteristics

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
<th>Volts</th>
<th>Cord</th>
<th>Capacity</th>
</tr>
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<tr>
<td>553206</td>
<td>VCL-24UL</td>
<td>115</td>
<td>1.8 m</td>
<td>270 gph @ 1’</td>
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<td>1022 lph @ 0.31 m</td>
</tr>
<tr>
<td>553201</td>
<td>VCL-24ULS</td>
<td>115</td>
<td>1.8 m</td>
<td>270 gph @ 1’</td>
</tr>
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<td></td>
<td></td>
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<td>1022 lph @ 0.31 m</td>
</tr>
<tr>
<td>553211</td>
<td>VCL-24ULS</td>
<td>230</td>
<td>1.8 m</td>
<td>270 gph @ 1’</td>
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<tr>
<td></td>
<td></td>
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<td></td>
<td>1022 lph @ 0.31 m</td>
</tr>
</tbody>
</table>

---

### Applications
- For removal of condensate from an air conditioner, suitable for high efficiency, gas furnace condensation, and condensing boilers

### Features
- 1/5 hp motor
- Galvanized steel tank cover
- ABS tank, volute, and switch cover
- 1 gallon tank capacity
- Stainless steel shaft
- Snap-action switch
- Thermal overload protection
- 3/8” (9.5 mm) discharge copper tube
- cCSAus

### Series Specifications
- **Capacity:** 450 gph @ 1’ (1704 lph @ 0.31 m)
- **Shut-Off:** 45’ (13.7 m)
- **Liquid Temperature:** 120 °F (49 °C)
- **Discharge:** 3/8” barbed (9.5 mm)
- **Impeller:** Polypropylene

### Model Characteristics

<table>
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<tr>
<th>Item #</th>
<th>Model</th>
<th>Volts</th>
<th>Cord</th>
<th>Capacity</th>
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<td>450 gph @ 1’</td>
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<td></td>
<td>1704 lph @ 0.31 m</td>
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<tr>
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<td>VCL-45ULS</td>
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<td></td>
<td>1704 lph @ 0.31 m</td>
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</tbody>
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---

### Capabilities Graphs
- **Capacity - Gallons per Hour**
- **Capacity - Liters per Hour**
**ABS SERIES**

**Shallow-Pan Tank**

### Applications
- For removal of condensate from an air conditioner drain pan or reservoir

### Features
- 1/150 hp oil-filled motor
- Epoxy-coated cast aluminum housing and motor cover
- Nylon volute
- Stainless steel shaft
- Nitrile shaft seal
- Screened intake
- Advanced mechanical switch
- Thermal overload protection
- cCSAus

### Series Specifications

#### 1-ABS
- **Capacity:** 205 gph @ 1’ (776 lph @ 0.31 m)
- **Shut-Off:** 10’ (3.0 m)
- **Liquid Temperature:** 120 °F (49 °C)
- **Discharge:** 1/4” MNPT
- **Impeller:** Nylon
- **Electrical:** 115 V, 60 Hz, 1.1 A
- **Operation:** Automatic

#### 2-ABS
- **Capacity:** 300 gph @ 1’ (1136 lph @ 0.31 m)
- **Shut-Off:** 11.8’ (3.6 m)
- **Liquid Temperature:** 120 °F (49 °C)
- **Discharge:** 1/4” MNPT
- **Impeller:** Nylon
- **Electrical:** 115 V, 60 Hz, 1.7 A
- **Operation:** Automatic

### Model Characteristics

<table>
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<tr>
<th>Item #</th>
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<th>On Level</th>
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<td>1-3/4”</td>
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<td>550532</td>
<td>1-ABS</td>
<td>230</td>
<td>11”</td>
<td>3.4 m</td>
<td>1-1/4”</td>
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<tr>
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<td>115</td>
<td>9”</td>
<td>3”</td>
<td>2”</td>
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<td>2-ABS</td>
<td>230</td>
<td>11”</td>
<td>3.4 m</td>
<td>2”</td>
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### Graphs
- **Capacity - Gallons per Hour**
- **Capacity - Liters per Hour**
- **Total Head in Feet**
- **Total Head in Meters**
Condensate Removal Pumps

ABS SERIES
Shallow-Pan Tank

Applications
• For condensate removal

Features
• 1/12 hp oil-filled motor
• Epoxy-coated cast aluminum housing and motor cover
• Galvanized steel tank cover
• ABS tank
• 1 gallon capacity
• Nylon volute
• Stainless steel shaft
• Thermal overload protection

Series Specifications
Capacity: 310 gph @ 1’
(1173 lph @ 0.31 m)
Shut-Off: 26’ (7.9 m)
Liquid Temperature: 120 °F (49 °C)
Discharge: 1/2” MNPT (12.7 mm)
Impeller: Nylon

Electrical: 115 V, 60 Hz, 3.5 A
230 V, 50/60 Hz, 1.8/1.6 A
Operation: Automatic

Model Characteristics
<table>
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<tr>
<th>Item #</th>
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<th>Cord</th>
<th>On Level</th>
<th>Off Level</th>
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<td>11”</td>
<td>4.25”</td>
<td>3.25”</td>
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</table>

EC SERIES
Mini-Split/Ductless

Applications
• Removes condensate from ductless mini-split wall mount air conditioners and fan coils

Features
• For intermittent operation, maximum 50% duty cycle
• Condensate produced in application must be no more than half the pump’s flow rate for any given head
• Use with most mini-split air conditioning units up to 25,000 BTU/hr
• Self-priming pump can be placed up to 3’ (.9 m) above reservoir
• Includes safety switch, suction tubing (3” x 5/32” ID) [76.2 mm x 3.96 mm], vent tubing (8” x 5/32” ID) [20.3 cm x 3.96 cm], drain tubing (3” x 1/2” ID) [76.2 mm x 12.7 mm] and tubing adapter (3/32” x 1/4” ID) [3.96 mm x 6.3 mm]

Series Specifications
Capacity: 2.5 gph @ 1’
(9.5 lph @ 0.31 m)
Shut-Off: 35’ (10.7 m)
Electrical: 115 V, 60 Hz, 0.24 A
230 V, 60 Hz, 0.1 A
Operation: Automatic

Model Characteristics
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<td>EC-400</td>
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</table>
Condensate Removal Pumps

**EC SERIES**

**Mini-Split/Ductless**

### Applications
- Removes condensate from ductless mini-split air conditioners and fan-coil equipment

### Features
- **Pump**
  - Normally-closed relay rated 8A resistive - 250 V alarm
  - Quick connet for pump-to-reservoir communications
  - Quick connect for power cable
  - Pump bracket designed to isolate noise
  - 21 dB(A) sound level
  - Multi-size hose drain adapter fits all popular drain hose connectors

- **Reservoir**
  - Clear reservoir for instant visual inspection of water level, float, and filter
  - Hall effect on/off level sensors with high water safety sensor
  - Extra-large filter screen for longer intervals between cleaning

### Series Specifications
- **Capacity:** 2.5 gph @ 1’ (9.5 lph @ 0.3 m)
- **Shut-Off:** 33” (10 m)
- **Liquid Temperature:** 32-140 °F (0-60 °C)
- **Electrical:** 115 V, 60 Hz, 0.24 A
  - 208-230 V, 60 Hz 0.1 A
- **Operation:** Automatic

### Model Characteristics

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<td>EC-1</td>
<td>208*-230</td>
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</tbody>
</table>

*Tested under conditions assumed consistent with competitors’ published sound ratings.*

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**EC SERIES**

**Mini-Split/Ductless**

### Applications
- Removes condensate from wall-mount ductless mini-split air conditioners and provides duct for concealing and protecting line sets

### Features
- Includes EC-1 Mini Condensate Pump
- Right- or left-side installation
- 2.1” x 3.0” (5.3 cm x 7.6 cm) line set inside dimensions
- 19.7” (50 cm) drain hose tubing
- Detachable 84” (213.4 cm) power cord
- 90° “elbow” for locating pump reservoir
- 31.5” (8 cm) straight line set cover
- Line set duct accommodates 3/8” and 5/8” line set pipe
- Twist motion snap-lock clips and cable ties to secure line set
- Pump enclosure/mounting bracket
- Wall fasteners for line set duct
- Air conditioner trim and bracket
- Ceiling plate when installing without pump enclosure

### Series Specifications
- **Capacity:** 2.5 gph @ 1’ (9.5 lph @ 0.3 m)
- **Shut-Off:** 33” (10 m)
- **Liquid Temperature:** 32-140 °F (0-60 °C)
- **Electrical:** 115 V, 60 Hz, 0.24 A
  - 208-230 V, 60 Hz 0.1 A
- **Operation:** Automatic

### Model Characteristics

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
<th>Volts</th>
</tr>
</thead>
<tbody>
<tr>
<td>553510</td>
<td>EC-1K</td>
<td>115</td>
</tr>
<tr>
<td>553511</td>
<td>EC-1K</td>
<td>208*-230</td>
</tr>
</tbody>
</table>

---

**Capacity - Gallons per Minute**

- **115 Volt, 60 Hz**
- **208-230 Volt, 60 Hz**

**Capacity - Liters per Minute**

- **115 Volt, 60 Hz**
- **208-230 Volt, 60 Hz**

**Capacity - Feet**

- **115 Volt, 60 Hz**
- **208-230 Volt, 60 Hz**

**Capacity - Meters**

- **115 Volt, 60 Hz**
- **208-230 Volt, 60 Hz**
Condensate Removal Pumps

EC-OP-K SERIES
Mini-Split/Ductless

Applications
• Removes condensate from ductless mini-split wall mount and air conditioners

Features
• Pump float retainer for easy serviceability
• Clear reservoir for visual inspection of water level, float, and filter
• Safety alarm ready
• 5/16” (8 mm) inlet tubing with universal adapter
• 5/32” (4 mm) discharge tubing with 1/4” (6 mm) adapter
• 131’ (40 m) maximum horizontal distance
• 176 °F (80 °C) thermal protection
• Safety alarm ready, suitable for BMS systems
• cCSAus

Series Specifications
Capacity: 2.5 gph @ 1’
(9.5 lph @ 0.31 m)
Shut-Off: 29’ (9 m)
Ambient Temperature: 104 °F
(40 °C)
Discharge: 1/4” (6 mm)
Material: Flame retardant ABS

Model Characteristics

EC-OP-K TPS SERIES
Peristaltic

Applications
• Removes condensate from ductless mini split wall mount, cassette air conditioners, and fan coils

Features
• Not affected by dust, bacteria, mold or airborne particles found in condensate
• Glass-reinforced polycarbonate pump/motor housing
• Hinged tube cover
• Extra tube assembly included
• Santoprene® tube
• Easy to replace pump tube – no tools required
• 5-minute "off" delay (TPS and TPT models)
• Impedance protected motor
• Test switch
• Double insulated, enclosed motor housing
• Wall bracket included
• Recommended for systems up to 12 kW (6 kW in tropical areas)
• cCSAus

Series Specifications
Shut-Off: 46’ (14 m)
Suction Lift: 6.5’ (2 m)
Alarm Contact: 5A (TPR only)

Model Characteristics

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
<th>Volts</th>
<th>Hertz</th>
<th>Dimensions (in/mm)</th>
<th>Weight (lbs/kg)</th>
<th>Electrical</th>
<th>Watts</th>
<th>Amps</th>
<th>Shutoff (ft/m)</th>
<th>Suction Lift (ft/m)</th>
<th>Max Flow (GPH/LPH)</th>
<th>Weight (lbs/kg)</th>
<th>Dimensions (in/mm)</th>
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</thead>
<tbody>
<tr>
<td>553712</td>
<td>EC-OP-K</td>
<td>230</td>
<td>50/60</td>
<td>H</td>
<td>L</td>
<td>W</td>
<td>3.5</td>
<td>8.3</td>
<td>3.2</td>
<td>3</td>
<td>89</td>
<td>201</td>
<td>81</td>
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<tr>
<td>553674</td>
<td>TPS</td>
<td>230</td>
<td>50/60</td>
<td>.06</td>
<td>13</td>
<td>46</td>
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<td>2.5</td>
<td>2.3</td>
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<td>114.8</td>
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<td>553675</td>
<td>TPT</td>
<td>230</td>
<td>50/60</td>
<td>.06</td>
<td>13</td>
<td>46</td>
<td>6.5</td>
<td>2.5</td>
<td>2.3</td>
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<td>3.9</td>
<td>114.8</td>
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<td>TPR</td>
<td>230</td>
<td>50/60</td>
<td>.06</td>
<td>13</td>
<td>46</td>
<td>6.5</td>
<td>2.5</td>
<td>2.3</td>
<td>4.5</td>
<td>3.8</td>
<td>3.9</td>
<td>114.8</td>
</tr>
</tbody>
</table>

Reservoir
- Maximum Allowable Condensate

Pump/Controller
- 3.9 | 1.5 | 1.3
- 99.0 | 38.1 | 35.6

Capacity - Gallons per Hour

Capacity - Liters per Hour

Total Head in Feet

Total Head in Meters

Capacity - Liters per Hour

Capacity - Gallons per Hour
Evaporative Cooler Pumps

CP SERIES

Applications
- For use in evaporative coolers, displays, laboratories, water transfer, and other applications; replacement units for OEM equipment

Features
- Heavy-duty concentric fan-cooled motor
- Corrosion-resistant one-piece steel motor shaft
- Moisture-proof windings
- Oversized sleeve bearings with large oil reservoir
- Universal mounting configurations
- Discharge elbow fits 1/2" (12.7 mm), 5/8" (15.9 mm) or 3/4" (12.7 mm) ID flexible tubing (540005, 540015); and 5/8" (15.9 mm) and 3/4" (12.7 mm) ID flexible tubing (541005, 541015, 542005, and 542015)
- Low pump down and recovery levels
- Grounded plug
- Flame retardant housing
- Snap-off volute plate for easy cleaning
- Mesh debris screen
- Thermal overload protection
- UR listed

Model Characteristics

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
<th>HP</th>
<th>Volts</th>
<th>Capacity</th>
<th>Shut Off</th>
<th>Cord</th>
<th>CFM Rating</th>
<th>Replaces</th>
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<tbody>
<tr>
<td>540005</td>
<td>CP1-115</td>
<td>1/70</td>
<td>115/127</td>
<td>307 gph @ 1'</td>
<td>9.5'</td>
<td>5'</td>
<td>5000 - 7500</td>
<td>CP-6500, CP-6500T, CP-651T-LLUR, CP-652T-LLUR</td>
</tr>
<tr>
<td>540015</td>
<td>CP1-230</td>
<td>1/70</td>
<td>230</td>
<td>307 gph @ 1'</td>
<td>9.5'</td>
<td>5'</td>
<td>5000 - 7500</td>
<td>CP-6500, CP-6500T, CP-651T-LLUR, CP-652T-LLUR</td>
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<tr>
<td>541005</td>
<td>CP2-115</td>
<td>1/50</td>
<td>115</td>
<td>502 gph @ 1'</td>
<td>11'</td>
<td>5'</td>
<td>7500 - 15000</td>
<td>CP-10000, CP-10000UR, CP-211T-LLUR, CP-212T-LLUR</td>
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<tr>
<td>541015</td>
<td>CP2-230</td>
<td>1/50</td>
<td>230</td>
<td>502 gph @ 1'</td>
<td>11'</td>
<td>5'</td>
<td>7500 - 15000</td>
<td>CP-10000, CP-10000UR, CP-211T-LLUR, CP-212T-LLUR</td>
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<tr>
<td>542005</td>
<td>CP3-115</td>
<td>1/30</td>
<td>115</td>
<td>563 gph @ 1'</td>
<td>12'</td>
<td>5'</td>
<td>15000 - 21000</td>
<td>CP-15000, CP-15000UR</td>
</tr>
<tr>
<td>542015</td>
<td>CP3-230</td>
<td>1/30</td>
<td>230</td>
<td>563 gph @ 1'</td>
<td>12'</td>
<td>5'</td>
<td>15000 - 21000</td>
<td>CP-15000, CP-15000UR</td>
</tr>
</tbody>
</table>
**Ice Machine Replacement Pumps**

**RIM-U**

### Applications
- Universal replacement unit for OEM pumps

### Features
- 1/25 hp motor
- Screened intake
- NSF-listed ABS volute, base, and discharge adapters
- Stainless steel shaft
- 4 lead wires, 3' (1 m) in length
- Thermal overload protection
- CSA recognized

### Series Specifications
- Capacity: N/A
- Liquid Temperature: 120 °F (49 °C)
- Discharge: 5/8" (15.9 mm) Y,
  - 1/2" (12.7 mm),
  - 5/8" (15.9 mm),
  - 3/4" (19 mm) and
  - 1" (25.4 mm) OD tubing
- Impeller: NSF-listed ABS
- Electrical: 115V/230 V, 50/60 Hz, 1.5/0.75 A

### Model Characteristics

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
<th>Volts</th>
</tr>
</thead>
<tbody>
<tr>
<td>545600</td>
<td>RIM-U</td>
<td>115/230</td>
</tr>
</tbody>
</table>

---

**Accessories**

**GKPK-SC**

**Coil Cleaning Kit**

### Applications
- For effective cleaning, deliming, and descaling of coils
- (Coil cleaning chemicals not included)

### Features
- For effective cleaning, deliming, and descaling of coils
- Uses include:
  - Heating - water heaters, steam converters, shell, and tube heat exchangers, vessel heating applications, fin tube coils, pool heaters, unit heater cleaning, car wash heaters, and oil supply lines to fuel oil heaters
  - Air Conditioning - air conditioning coils, seawater applications, distillation process, compressor burnouts, outboard motor flushings, residential, and commercial uses

### Series Specifications
- Capacity: 310 gph @ 1'
  - 1174 lph @ 0.31 m
- Shut Off: 14.6' (4.5 m)
- Liquid Temperature: Intermittent up to 150 °F
- Impeller: Glass-filled polypropylene
- Electrical: 115 V, 60 Hz, 1.4 A

### Model Characteristics

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
<th>Volts</th>
<th>Cord</th>
</tr>
</thead>
<tbody>
<tr>
<td>562660</td>
<td>GKPK-SC</td>
<td>115/230</td>
<td>6' 1.8 m</td>
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</tbody>
</table>

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### Performance Chart

<table>
<thead>
<tr>
<th>Capacity - Gallons per Hour</th>
<th>Total Head in Feet</th>
<th>Total Head in Meters</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>12</td>
<td>3.6</td>
</tr>
<tr>
<td>250</td>
<td>10</td>
<td>3</td>
</tr>
<tr>
<td>500</td>
<td>8</td>
<td>2.4</td>
</tr>
<tr>
<td>1000</td>
<td>6</td>
<td>1.8</td>
</tr>
<tr>
<td>2000</td>
<td>4</td>
<td>1.2</td>
</tr>
<tr>
<td>3500</td>
<td>2</td>
<td>0.6</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Impeller Diameter / (I.D. Tubing Size)</th>
<th>Discharge Adapter / (O.D. Tubing Size)</th>
<th>Flow - Gallons / Liters per Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.75&quot; / 44.5 mm</td>
<td>1/2&quot; / 12.7 mm</td>
<td>290 GPH 1097 LPH</td>
</tr>
<tr>
<td></td>
<td>5/8&quot; / 15.8 mm</td>
<td>435 GPH 1646 LPH</td>
</tr>
<tr>
<td></td>
<td>3/4&quot; / 19.1 mm</td>
<td>540 GPH 2044 LPH</td>
</tr>
<tr>
<td></td>
<td>1&quot; / 24.5 mm</td>
<td>585 GPH 2214 LPH</td>
</tr>
<tr>
<td>1.83&quot; / 46.3 mm</td>
<td>1/2&quot; / 12.7 mm</td>
<td>360 GPH 1362 LPH</td>
</tr>
<tr>
<td></td>
<td>5/8&quot; / 15.8 mm</td>
<td>550 GPH 2081 LPH</td>
</tr>
<tr>
<td></td>
<td>3/4&quot; / 19.1 mm</td>
<td>700 GPH 2649 LPH</td>
</tr>
<tr>
<td></td>
<td>1&quot; / 24.5 mm</td>
<td>810 GPH 3066 LPH</td>
</tr>
<tr>
<td>1.95&quot; / 49.5 mm</td>
<td>1/2&quot; / 12.7 mm</td>
<td>385 GPH 1457 LPH</td>
</tr>
<tr>
<td></td>
<td>5/8&quot; / 15.8 mm</td>
<td>600 GPH 2271 LPH</td>
</tr>
<tr>
<td></td>
<td>3/4&quot; / 19.1 mm</td>
<td>760 GPH 2876 LPH</td>
</tr>
<tr>
<td></td>
<td>1&quot; / 24.5 mm</td>
<td>825 GPH 3122 LPH</td>
</tr>
<tr>
<td>2.10&quot; / 53.3 mm</td>
<td>1/2&quot; / 12.7 mm</td>
<td>400 GPH 1514 LPH</td>
</tr>
<tr>
<td></td>
<td>5/8&quot; / 15.8 mm</td>
<td>600 GPH 2271 LPH</td>
</tr>
<tr>
<td></td>
<td>3/4&quot; / 19.1 mm</td>
<td>700 GPH 2649 LPH</td>
</tr>
<tr>
<td></td>
<td>1&quot; / 24.5 mm</td>
<td>760 GPH 2876 LPH</td>
</tr>
</tbody>
</table>
**Auxiliary Condensate Overflow Safety Switch**

**Applications**
- Installs in the condensate drain pan of air conditioning or refrigeration units; reliable equipment shutdown when overflow conditions are detected

**Features**
- Can install switch to activate audible and/or visual alarm
- ABS housing
- ABS float
- Low voltage
- Lead wires
- UR / C-CSA listing

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
<th>Wire Length</th>
<th>Max. VAC</th>
<th>Max. Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>599122</td>
<td>ACS-2</td>
<td>18&quot; .45 m</td>
<td>48 VAC/VDC</td>
<td>5</td>
</tr>
<tr>
<td>599123</td>
<td>ACS-2</td>
<td>72&quot; 1.8 m</td>
<td>48 VAC/VDC</td>
<td>5</td>
</tr>
<tr>
<td>599124</td>
<td>ACS-3</td>
<td>72&quot; 1.8 m</td>
<td>125-250 VAC/VDC</td>
<td>11</td>
</tr>
</tbody>
</table>

**In-Line Condensate Overflow Safety Switch**

**Applications**
- Installs in the drain lines to detect downstream clogs; reliable equipment shutdown

**Features**
- Can install switch to activate audible and/or visual alarm
- Low voltage
- Lead wires
- 3/4" (12.7 mm) plug, 3/4" (12.7 mm) slip x 3/4" (12.7 mm)
- Includes 1" x 3/4" 25.4 mm x 12.7 mm) adapter
- cULus listing

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
<th>Wire Length</th>
<th>Max. VAC</th>
<th>Max. Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>599125</td>
<td>ACS-4</td>
<td>72&quot; 1.8 m</td>
<td>24VAC</td>
<td>5</td>
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</tbody>
</table>

**Secondary Condensate Overflow Safety Switch**

**Applications**
- Installs in the primary drain pan’s auxiliary outlet to detect downstream clogs; reliable equipment shutdown

**Features**
- Can install switch to activate audible and/or visual alarm
- Low voltage
- Lead wires
- Includes 3/4" MNPT (12.7 mm) x 3/4" (12.7 mm) slip adapter
- cULus listing

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
<th>Wire Length</th>
<th>Max. VAC</th>
<th>Max. Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>14940157</td>
<td>ACS-5</td>
<td>72&quot; 1.8 m</td>
<td>24 VAC</td>
<td>5</td>
</tr>
</tbody>
</table>
### Accessories

#### T-20/25
- **Tubing**
  - **Features**
    - One carton of 25 pieces of 20' (6.01 m) length 3/8" (9.5 mm) ID VC tubing

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>599033</td>
<td>T-20/25</td>
</tr>
</tbody>
</table>

#### Reservoir Assembly
- **Features**
  - Replacement reservoir assembly for EC-400 and TPR pumps

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>153781</td>
<td>Reservoir Assembly</td>
</tr>
</tbody>
</table>

#### PC-10
- **Pump Repair Kit**
  - **Features**
    - Replacement roller and tube kit for TP Series and PC-10

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>599325</td>
<td>PC-10-PRK</td>
</tr>
</tbody>
</table>

#### CV-2
- **Check Valve**
  - **Features**
    - For ABS Series pumps
    - 1/4" FNPT (6.35 mm) to 1/4" (6.35 mm) OD tubing

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>599061</td>
<td>CV-2</td>
</tr>
</tbody>
</table>

#### CV-35
- **Check Valve**
  - **Features**
    - For VCL-45ULS
    - 3/8" (9.5 mm) rigid plastic or copper tubing on both ends

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>599064</td>
<td>CV-35</td>
</tr>
</tbody>
</table>

#### CV-10
- **Check Valve**
  - **Features**
    - For VCC Series, VCMA Series and VCL-14/24 pumps
    - 1/4" FNPT (6.35 mm) to 3/8" (9.5 mm) ID vinyl tubing

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>599065</td>
<td>CV-10</td>
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</tbody>
</table>

#### CV-X38
- **Check Valve**
  - **Features**
    - For Condensate Pump Series VCMX
    - 3/8" (9.5 mm) OD rigid plastic or copper tubing

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>599058</td>
<td>CV-X38</td>
</tr>
</tbody>
</table>

#### CV-15/20
- **Check Valve**
  - **Features**
    - Brass check valve for VCMA-15/20
    - 1/4" MNPT (6.35 mm) to 3/8" (9.5 mm) OD rigid plastic or copper tubing

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>599063</td>
<td>CV-15/20</td>
</tr>
</tbody>
</table>

#### ERC
- **Extension Cable**
  - **Features**
    - 3.3' (1 m) extension cable for TPT temperature sensor and TPR and EC-400 reservoir assembly

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>599170</td>
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### PlumbersStock.com"
# Specifications Charts

## Condensate Removal Pumps

<table>
<thead>
<tr>
<th>Item #</th>
<th>Model</th>
<th>Performance (GPH @ Height in Feet)</th>
<th>Shut-Off (ft)</th>
<th>PSI</th>
<th>Volts</th>
<th>Amps</th>
<th>Watts</th>
<th>Cord (ft)</th>
<th>Weight (lbs)</th>
<th>Gollons</th>
<th>Liter</th>
<th>Dimensions (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>554520</td>
<td>VCMX-20ULST</td>
<td>84 75 60 42 10 - -</td>
<td>21 9.1 115 1.5 93 6</td>
<td>5.00 0.3 1.2</td>
<td>8.5 10.2 4.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>554521</td>
<td>VCMX-20ULST</td>
<td>80 69 54 36 0 - -</td>
<td>20 8.6 230 0.6/0.5 75</td>
<td>6.00 0.3 1.2</td>
<td>8.5 10.2 4.8</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>554530</td>
<td>VCMX-20ULST</td>
<td>84 75 60 42 10 - -</td>
<td>21 9.1 115 1.5 93 6</td>
<td>5.00 0.3 1.2</td>
<td>8.5 10.2 4.8</td>
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<td>VCMX-20ULS</td>
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<td>20 8.6 230 0.6/0.5 75</td>
<td>6.00 0.3 1.2</td>
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<td>6.00 0.3 1.2</td>
<td>8.5 10.2 4.8</td>
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## Ice Machine Replacement Pumps, Evaporative Cooler Pumps and Coil Cleaning Kits

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<tr>
<th>Item #</th>
<th>Model</th>
<th>Performance (GPH @ Height in Feet)</th>
<th>Shut-Off (ft)</th>
<th>PSI</th>
<th>Volts</th>
<th>Amps</th>
<th>Watts</th>
<th>Cord (ft)</th>
<th>Weight (lbs)</th>
<th>Gollons</th>
<th>Liter</th>
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In 2006, Franklin Electric Company acquired Little Giant Pump Company to solidify our position as a leading global supplier of water pumping systems for residential and commercial markets.

Little Giant® products - sump, sewage, effluent, utility, condensate removal, and submersible industrial pumps - complement and broaden Franklin Electric’s overall water systems offering.

Little Giant Pump Company, now Franklin Electric, offers the industry a well-respected brand of products - Little Giant. Founded on quality, availability, service, innovation, and value, Franklin Electric continues to bring the Little Giant brand name advantage.

Franklin Electric is a global leader in the production and marketing of systems and components for the movement of water and automotive fuels. Recognized as a technical leader in its specialties, Franklin serves customers around the world in residential, commercial, agricultural, industrial, municipal, and fueling applications.

Long recognized as the world’s largest manufacturer of submersible electric motors, Franklin Electric has been able to leverage its expertise in motor applications to grow and serve several different markets. The principal application for Franklin products is water well pumping systems, where the company offers pumps, motors, drives, and controls. In addition, Franklin Electric produces a vast array of products for fueling systems and the water transfer market.

With 3,500 employees worldwide, Franklin Electric is a global manufacturer with over 25 manufacturing and distribution facilities located in the United States, Germany, Czech Republic, Italy, Mexico, Canada, Australia, Brazil, South Africa, China, and Japan.