This, and other serious problems, can result when water being supplied is not enough to dilute the concentrated solutions being injected by metering pumps, thus causing the water to become dangerously rich with chemical solutions. But the new flow switches developed by Thomas Products, LTD., a leader in flow switch technology, can eliminate or minimize the possibility of such accidents occurring. With a wide array of applications, from acid water neutralization to super chlorination to boiler water treatment applications, whenever a metering pump is used, a positive displacement flow switch should be installed.

Improved Design... no electrical wiring & easy to install.

- New body design inlet port is moved away from shuttle
- New Shuttle design
- Internal running lands with clearance helps pass dirty water
- Four outlets! 2 switched - 2 constant
- Indoor & Outdoor Models

Great For

- Water Softeners
- Chemical Irrigation
- Water Pumps
Solid one piece removable bonnet assembly means safer use to 150 PSI.

True-flow switch design utilizes a SST return spring for any mounting attitude.

Anti-meniscus projections on shuttle prevents shuttle from drying in place after long machine shutdowns.

Plastics are molded in-house using only 100% virgin material. Runners are not reintroduced to the performance parts.

V.A. Volts AMPS DC AMPS AC AMPS AC MAX
0 - 50 .4 .4
120 .15 .16
240 .06 .08

Switch Rating 20 VA: 50 - 240 VAC Pilot Duty

Standard Flow Setting P/N
0.5 GPM 42549-A
1.0 GPM 42545-A

Running lands help pass small particulates.

Newly Designed Shuttle With Running Lands!

Patent No. 5,162,624

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and click on pump controls.
sales@thomasprod.com

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sales@thomasprod.com
2650 Flow Switch Only

- Solid one piece removable bonnet assembly means safer use to 150 PSI.
- Spoked Orifice
- Anti-meniscus projections on shuttle prevents shuttle from drying in place after long machine shutdowns.
- True-flow switch design utilizes a SST return spring for any mounting attitude.
- True-flow switch design utilizes a SST return spring for any mounting attitude.
- Plastic molded in-house using only 100% virgin material. Runners are not reintroduced to the performance parts.
- PVC Construction.
- Removable Bonnet Assembly.
- Return Spring For Any Mounting Attitude.
- 1” slip ports / adapters available on back page.
- Spokeed orifice for laminar flow.

2650 Features

<table>
<thead>
<tr>
<th>Standard Flow Setting</th>
<th>P/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5 GPM</td>
<td>47800</td>
</tr>
<tr>
<td>1.0 GPM</td>
<td>47801</td>
</tr>
</tbody>
</table>

Electrical 2650
Reed switch shown in NO FLOW condition.

Switch Ratings... Max Resistive Load

<table>
<thead>
<tr>
<th>V.A.</th>
<th>Volts</th>
<th>AMPS DC</th>
<th>AMPS AC</th>
<th>AMPS AC MAX</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>0 - 50</td>
<td>.4</td>
<td>.4</td>
<td>1.0</td>
</tr>
<tr>
<td>120</td>
<td>.15</td>
<td>.16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>240</td>
<td>.06</td>
<td>.08</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2651 Indoor Pump Control (note) p/n 47850

Note: 1801 is the most used residential model

- Single receptacle is switched on by the flow switch.
- Line cord extends nine feet. Plug into standard 120 VAC receptacle.
- 1” Slip Ports / Adapters Available On Back Page.
- Calibrated @ 0.5 GPM On Increasing Flow.
- Flow Set Points Available To 6.0 GPM.
- Locking Wire For Easy Disassembly For Cleaning.
- True-Flow switch design utilizes a SST return spring for any mounting attitude.
- Input 120 VAC / Output 120 VAC 10A 1/2 HP.

Consult Factory To Order

UL File E86797 Listed 41EA
2654 Specifications

- Calibrated @ 0.5 GPM On Increasing Flow.
- Flow Set Points Available To 6.0 GPM.
- Locking Wire For Easy Disassembly For Cleaning.
- True-Flow switch design utilizes a SST return spring for any mounting attitude.
- Input 120 VAC / Output 120 VAC 10A 1/2 HP.

2654 W Specifications

- Has Water Tight Cap Over Standard Strain Relief.
- Flow Set Points Available To 6.0 GPM.
- Locking Wire For Easy Disassembly For Cleaning.
- Locking Cover To Protect Accidental Unplugging.
- Calibrated @ 0.5 GPM On Increasing Flow.
- True-Flow switch design utilizes a SST return spring for any mounting attitude.
- Input 120 VAC / Output 120 VAC 10A 1/2 HP.

Consult Factory To Order
### 1804 Specifications

- 1” Slip Ports / Adapters Available On Back Page.
- Calibrated @ 0.5 GPM On Increasing Flow.
- Flow Set Points Available To 6.0 GPM.
- Locking Wire For Easy Disassembly For Cleaning.
- True-Flow switch design utilizes a SST return spring for any mounting attitude.
- Input 120 VAC / Output 120 VAC 10A 1/2 HP.

### 1804 W Specifications

- Has Water Tight Cap Over Standard Strain Relief.
- 1” Slip Ports / Adapters Available On Back Page.
- Flow Set Points Available To 6.0 GPM.
- Locking Wire For Easy Disassembly For Cleaning.
- Locking Cover To Protect Accidental Unplugging.
- Calibrated @ 0.5 GPM On Increasing Flow.
- True-Flow switch design utilizes a SST return spring for any mounting attitude.
- Input 120 VAC / Output 120 VAC 10A 1/2 HP.

---

**1804 W Outdoor Pump Control**

- **Outdoor In-use Cover**
- **Water Tight Cap Over Standard Strain Relief.**
- **Knock outs for plug ins**

---

**1804 W**

- **Line cord extends nine feet. Plug into standard 120 VAC receptacle.**
- **Running lands help pass particulates.**
- **Anti-meniscus projections on shuttle prevents shuttle from drying in place after long shutdowns.**

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**1804 Indoor Pump Control**

- **The brown duplex receptacle is switched on by the flow switch while the ivory duplex receptacle remains constant.**

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**Consult Factory To Order**

**1804 W Specifications**

- **Line cord extends nine feet. Plug into standard 120 VAC receptacle.**

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2604 Specifications

- Calibrated @ 0.5 GPM On Increasing Flow.
- Locking Wire For Easy Disassembly For Cleaning.
- Flow Set Points Available To 6.0 GPM.
- True-Flow switch design utilizes a SST return spring for any mounting attitude.
- Patented design SST clapper lower ΔP and opens to pass high flow rates.
- Input 120 VAC / Output 120 VAC 10A 1/2 HP.

Outdoor Pump Control

Consult Factory To Order

2604 W Specifications

- Has Water Tight Cap Over Standard Strain Relief.
- Flow Set Points Available To 6.0 GPM.
- Locking Wire For Easy Disassembly For Cleaning.
- Locking Cover To Protect Accidental Unplugging.
- Calibrated @ 0.5 GPM On Increasing Flow.
- Patented Clapper Design Allows A Bypass Mode To Flow Much More Than Set Point.
- True-Flow switch design utilizes a SST return spring for any mounting attitude.
- Patented design SST clapper lower ΔP and opens to pass high flow rates.
- Input 120 VAC / Output 120 VAC 10A 1/2 HP.

Outdoor Pump Control

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and click on pump controls.
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**1801 Indoor Pump Control**

**Specifications**
- Calibrated @ 0.5 GPM On Increasing Flow.
- Flow Set Points Available To 6.0 GPM.
- Locking Wire For Easy Disassembly For Cleaning.
- True-Flow switch design utilizes a SST return spring for any mounting attitude.
- Input 120 VAC / Output 120 VAC 10A 1/2 HP.

**Consult Factory To Order**

**2601 Indoor Pump Control**

**Specifications**
- Calibrated @ 0.5 GPM On Increasing Flow.
- Flow Set Points Available To 6.0 GPM.
- Locking Wire For Easy Disassembly For Cleaning.
- True-Flow switch design utilizes a SST return spring for any mounting attitude.
- Patented design SST clapper lowers ΔP and opens to pass high flow rates.
- Input 120 VAC / Output 120 VAC 10A 1/2 HP.

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### Sediment Water Filter

**P/N:** 3/4" NPT Inlet/Outlet Cold Water use to 125 PSIG. Clear inspection bowl. High output head.

#### Construction
- Spring: 316 SST
- O-Ring: Viton “A”
- Wire Leads: 18 AWG, 24” Lg.
- Oper. Temp: - 20° F / + 140° F
- Max. Pres.: 150 PSIG
- Set Pt. Accur.: Accur. ± 20% Diff. 20% MAX
- Reed Switch: 20 Watt SPST

#### Specifications
- Model 1800
- Model 2600

#### Recommended Adapters
- Model 1800, 1801, 1804, 1804W
- Model 2600, 2601, 2604, 2604W

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### Model 1800

**Dimensions:**
- 1 1/2" P/N 42954
- 1 1/4" P/N 42955
- 1" P/N 42956
- 3/4" P/N 42957
- 1/2" P/N 42958

### Model 2600

**Dimensions:**
- 1 1/2" P/N 42959
- 1 1/4" P/N 42960
- 1" P/N 42961
- 3/4" P/N 42962
- 1/2" P/N 42963

---

### Our short order department can build almost any standard Thomas Products flow or level sensor onto the pump control unit.

**For immediate help, call 800.666.9101 to speak with our expert technicians.**