

# ITT

Wastewater

## Goulds Pumps

### ST51/ST71

Submersible Sump/Effluent Pump



#### FEATURES

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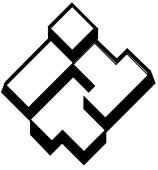
- Corrosion resistant construction.
- Cast iron body.
- Thermoplastic impeller and cover.
- Upper sleeve and lower heavy duty ball bearing construction.
- Motor is permanently lubricated for extended service life.
- Powered for continuous operation.
- All ratings are within the working limits of the motor.
- Power cord, 10' standard length, heavy duty 16/3 SJTW with 115 volt grounding plug and vertical switch.
- Complete unit is heavy duty, portable and compact.
- Mechanical seal is carbon, ceramic, BUNA and stainless steel.
- Stainless steel fasteners.



Goulds Pumps is a brand of ITT Water Technology, Inc.  
- a subsidiary of ITT Industries, Inc.

[www.goulds.com](http://www.goulds.com)

*Engineered for life*



# ITT

## GOULDS PUMPS Wastewater

### APPLICATIONS

Specially designed for the following uses:

- Basement Draining
- Dewatering
- Water Transfer
- Effluent Transfer

### SPECIFICATIONS

#### Pump – General:

- Discharge: 1½" NPT
- Temperature: 104°F (40°C) maximum, continuous when fully submerged.
- Solids handling: ½" maximum sphere.
- Automatic models include a float switch.
- Pumping range: see performance chart or curve.

#### ST51 Pump:

- Maximum capacity: 61 GPM
- Maximum head: 29' TDH

#### ST71 Pump:

- Maximum capacity: 70 GPM
- Maximum head: 37' TDH

### MOTOR

#### General:

- Single phase
- 60 Hertz
- 115 volts
- Built-in thermal overload protection with automatic reset.
- Class B insulation.
- Oil-filled design.
- High strength carbon steel shaft.

#### ST51 Motor:

- .50 HP, 3400 RPM
- 115 volts
- PSC design

#### ST71 Motor:

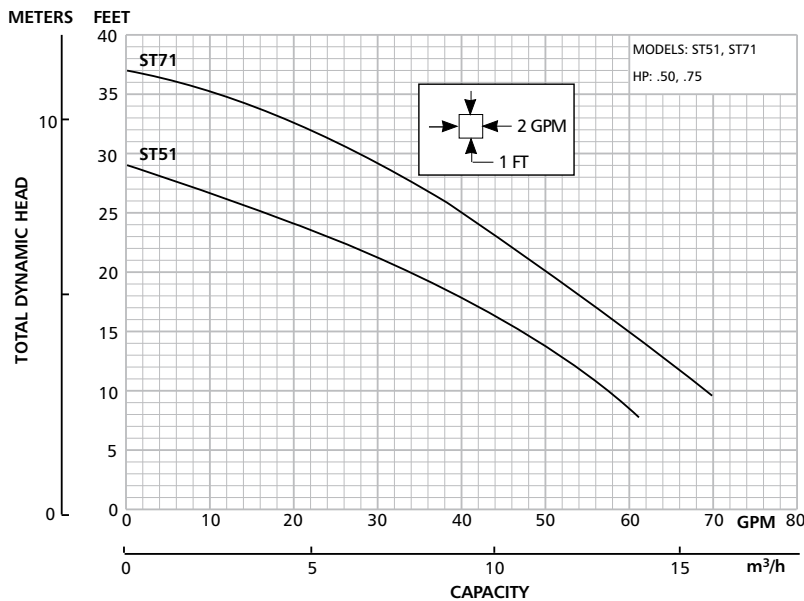
- .75 HP, 3400 RPM
- 115 volts
- PSC design

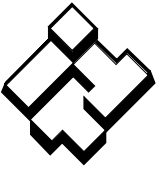
### AGENCY LISTINGS



Tested to UL 778 and  
 CSA 22.2 108 Standards  
 By Canadian Standards Association  
 File #LR38549

Goolds Pumps is ISO 9001 Registered.





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## GOULDS PUMPS Wastewater

### PERFORMANCE RATINGS

#### ST51

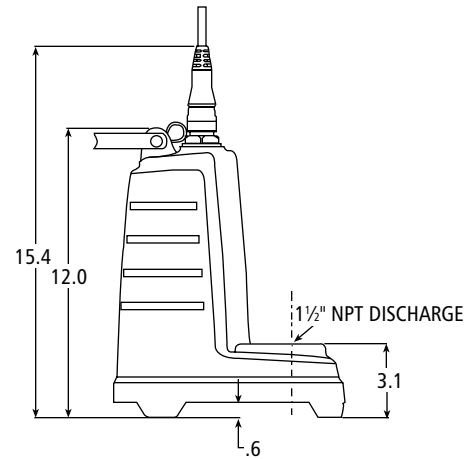
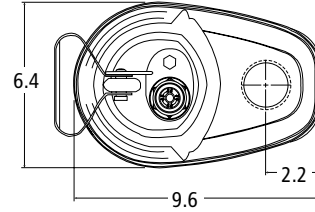
Total Head (feet of water)	GPM
10	60
15	47
20	33
25	16

#### ST71

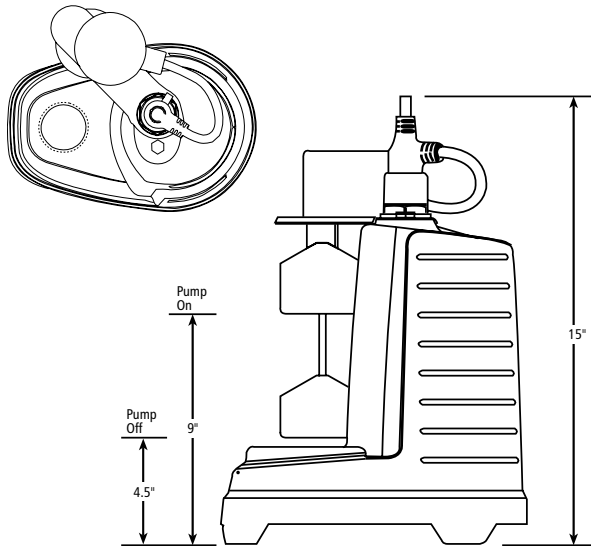
Total Head (feet of water)	GPM
10	69
15	60
20	50
25	39
30	27
35	12

### DIMENSIONS

(All dimensions are in inches. Do not use for construction purposes.)

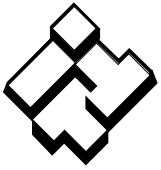


### Vertical Float Switch



### PUMP INFORMATION

Order No.	HP	Volts	Amps	Minimum Circuit Breaker	Phase	Float Switch Style	Cord Length	Discharge Connection	Minimum Basin Diameter	Maximum Solids Size	Shipping Weight lbs/kg
ST51AV	.5	115	7.5	15	1	Piggyback Vertical	10'	1.5"	18"	.5"	31 / 14.1
ST71AV	.75		9.5	20							



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SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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