



# PRODUCT SPECIFICATIONS - MODELS 93501, 93507 - 1/2 HP SUBMERSIBLE SEWAGE PUMP

## APPLICATIONS

SUBMERSIBLE SEWAGE PUMP FOR TYPICAL RESIDENTIAL AND COMMERCIAL APPLICATIONS WHERE MATERIALS MUST BE MOVED UPWARD FROM A BASIN TO SEWER OR SEPTIC LINES OR TO DRAINAGE FIELDS

## MOTOR SPECIFICATIONS

Horsepower	1/2 HP Permanent Split Capacitor
Volts	120
Hz	60
Amps	7.6
Watts	912
Speed	1750 RPM
Phase	Single
Circuit Requirements	15 amp
Duty Rating	Continuous
Capacitor rating	25 uf
Insulation	Class A
Shaft Seal	Carbon/Ceramic & Stainless Steel Mechanical
Motor Shaft	Stainless Steel
Motor Bearings	Ball
Cooled by	Oil Cooled
Thermally Protected	Yes - 185°F (85°C)
UL Listed	Yes - E238091

## PUMP SPECIFICATIONS

Discharge Size	2" FNPT
Power Cord	93501 - 10' - Type SJTW - Water Resistant, 18 Gauge 93507 - 25' - Type SJTW - Water Resistant, 18 Gauge
Housing	Cast Iron
Base	Cast Iron
Impeller Material	Glass reinforced Nylon
Impeller Type	Non-Clogging - Multi Vane Vortex
Solids Handling	2"
Liquid Temp. Range	32°-120° F
Fasteners	Stainless Steel
Finish	Baked on Powder Coat

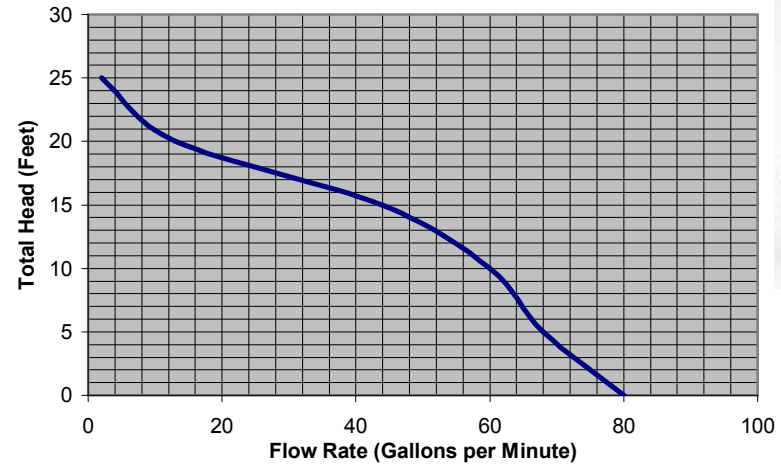
## FLOAT SPECIFICATIONS

Type	Wide Angle Mechanical, Pump Mounted
Material	Glass reinforced Nylon
Power Cord	93501 - 10' - Type STOW - 18 Gauge, Piggy-back plug 93507 - 25' - Type STOW - 18 Gauge, Piggy-back plug

## PERFORMANCES

Max Flow Rate	80 Gallons Per Minute
Maximum Head	25 Feet
Max PSI	10.83

## PERFORMANCE CURVE



## PERFORMANCE CHART

Discharge Height	0'	5'	10'	15'	20'	25'
Gallons per Minute	80	68	60	44	13	2
Gallons per Hour	4800	4080	3600	2640	780	120

## DIMENSIONS

