



## **PUMP SERIES 400S, 400SE & 910SE-2**

### **Features**

- 10-Year Warranty\*
- Designed and built to last for 40-50 years / Life Expectancy
- Upright Design with Motor and switch above the water
- 100 Gallons Per Minute flow rate
- Maintenance Free
- Specially designed 1/2HP 115-volt motor exclusively for the Tramco Tower
- Heavy-Duty Stainless-Steel Float Ball

### **Benefits**

- 10 Times a submersible Pump
- 10 Times the National Average Life of Residential Submersible Pump
- Eliminates 85% of Pump Failures Resulting from Water Entering Motor or Switch
- 2-3 Times the Flow Rate of Other Residential Pumps
- Requires Only Seasonal Inspection for Debris in the Basin
- Prevents Failures from Debris Getting into the Pump or from the Pump Sitting Idle for long periods of time
- Allows Longevity, Dependable, and Reliable Operation.
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### **Applications**

Sewage Ejector, Sump Pump

### **Discharge Pipe**

Size 2" schedule 40 hot dipped galvanized steel with a NPT connection

### **Pump**

The Model 400SE is a centrifugal type pump fitted with a semi-open impeller accurately machined and balanced for smooth, quiet operation.

### **Motor Support Bracket**

The heavy cast pedestal is accurately machined to house the thrust bearing and align the motor.

### **Mechanical Shaft Seal**

Model 400SE pumps are fitted with a mechanical shaft seal, which prevents the liquid being pumped from entering and contaminating the lower sleeve bearing while retaining the lubrication in the pump. Seals are available with hardened faces for abrasive liquid application.

### **Bearings**

The thrust ball bearing is sealed, grease lubricated, and elevated above the cover plate for protection from dirt and moisture. The lower bearing is self-lubricating.

### **Floor Plate Suspension Cover**

Heavy-duty Adjustable 20" diameter steel with a 2" vent (Type A), with inspection plate and removable pump plate without disturbing the vent (Type D).

### **Pump Lubrication**

Tramco's lubrication system provides continuous lubrication to the shaft, self-lubricated intermediate and lower sleeve bearings. It eliminates the need for external grease lines or product-lubricated sleeve bearings.

### **Motor**

The motor features a 1/2HP 115V single phase double capacitor start, induction run, totally enclosed fan cooled with automatic thermal overload protection and drip canopy for added safety. The motor and pump shafts are connected by a flexible coupling that allows the motor to be easily removed without disturbing the pump and piping by simply removing four bolts.

### **Shaft Column Pipe**

The pump is manufactured with schedule 80 hot-dipped galvanized steel.

### **Shaft**

The shaft is high accuracy, grade 1215 turned, ground, and polished.

## **Float Control**

Heavy-duty motor-mounted float switch with stainless steel float ball, brass float rod, and easily adjustable brass rod stops.