IL - (847) 841-7867

Champion Pump

# Distributed by Pump Supply Inc

CPEW

MN - (651) 758-7867

1/2HP SEWAGE

Every pump tested in water to ensure pump meets peformance curve.

# **FEATURES/BENEFITS**

#### **PERFORMANCE**

Heads up to 23' TDH Flows up to 90 GPM

## **MOTOR**

High efficient, 115v, oil filled, permanent split capacitor motor with upper and lower ball bearings and thermal overload protection

- Constant bearing lubrication
- Maximum motor cooling
- Runs cooler and lasts longer
- Internal overload protection
- Quiet operation
- Fasteners and shaft made from rugged, corrosion resistant stainless steel

### **SEAL DESIGN**

Mechanical with secondary dynamic lip seal

- Provides added leakage protection

#### **IMPELLER DESIGN**

Non-clog style vortex impeller

- Designed to help reduce clogging by foreign material

## **POWER CORD**

Sealed entry quick disconnect power cords

- Prevents water from entering the motor housing through a cut cord
- Easy to replace in the field
- Available in lengths up to 100'

#### **SWITCH**

Piggy-back switch design

- Defective switches can be diagnosed over the phone
- Pump can be operated manually or supplied with other piggy-back switches
- Switch can be replaced without having to replace the pump

# **APPLICATIONS**

Basements, dewatering, septic systems, sewage lift stations, add-a-baths and truck docks





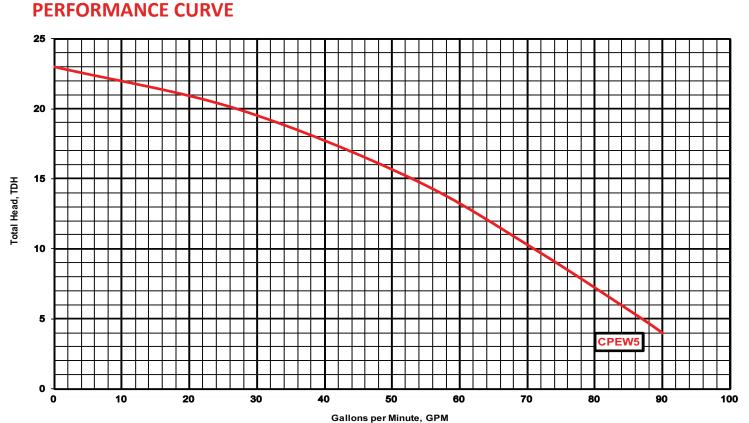


Wide-Angle Float

Vertical Float

1/2 HP submersible pumps that handle up to 2" solids with 2" discharge





## **TECHNICAL DATA**

DISCHARGE 2" NPT. vertical standard

SOLIDS HANDLING 2"

LIQUID TEMPERATURE 140 Degrees F. (Intermittent)

MOTOR HOUSING Cast Iron

VOLUTE Engineered glass filled thermoplastic

SEAL PLATE Cast Iron

IMPELLER Engineered glass filled thermoplastic/

Vortex

SHAFT Stainless Steel

SHAFT SEAL (SINGLE SEAL) Mechanical with secondary dynamic

lip seal, carbon rotating face, ceramic stationary face, Buna-N elastomer, 300 series stainless steel hardware

BEARINGS (UPPER & LOWER) Single row, ball, oil lubricated

HARDWARE 300 Series stainless steel

O-RINGS Buna-N

CORD 10' Length standard. Up to 100' available.

(UL/CUL) Listed 16 AWG, Type SJTW

MOTOR (SINGLE PHASE) 1/2 HP 3450 RPM, 60 Hz, NEMA L

Includes overload protection in the motor, oil filled, class B permanent split

capacitor

WEIGHT 25 lbs. (Manual)



