# Champion Pump

# CPS3

# 1/3HP SUMP/EFFLUENT

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

# **FEATURES/BENEFITS**

#### **PERFORMANCE**

Heads up to 20' TDH Flows up to 42 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
- 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, and septic systems





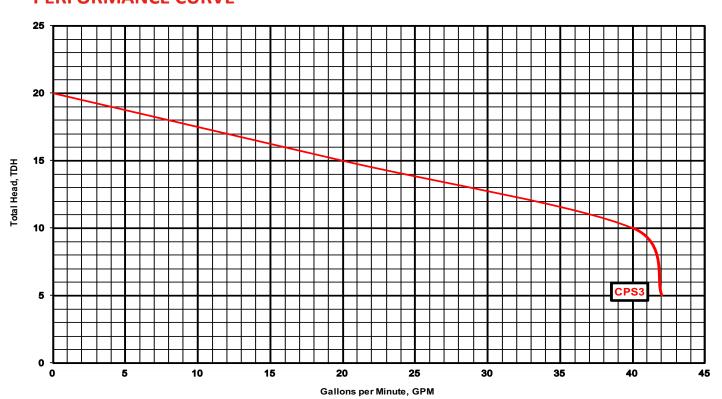


Wide-Angle Float

Vertical Float

1/3 HP submersible pumps, built for reliability, handle up to 1/4" solids with 1 1/2" discharge

### **PERFORMANCE CURVE**



### **TECHNICAL DATA**

DISCHARGE 1-1/2" NPT. vertical standard

SOLIDS HANDLING 1/4"

LIQUID TEMPERATURE 140 Degrees F. (Intermittent)

MOTOR HOUSING Cast Iron

VOLUTE Cast Iron

SEAL PLATE Cast Iron

IMPELLER Engineered glass filled thermoplastic/

Vortex

SHAFT Nickel plated 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.

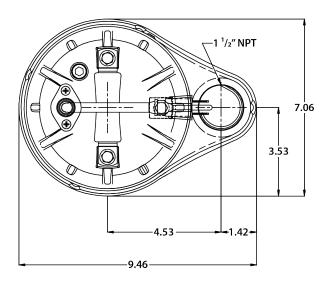
(UL/CUL) Listed 16 AWG, Type SJTW

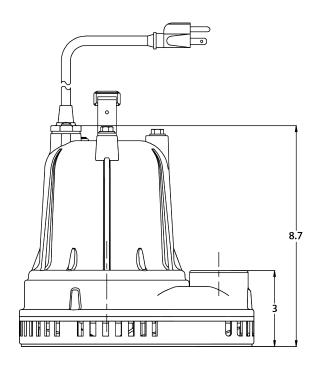
MOTOR (SINGLE PHASE) 1/3 HP 1750 RPM, 60 Hz, NEMA L

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

capacitor

WEIGHT 25 lbs. (Manual)





## **MODEL(S) INFORMATION**

MODEL	НР	VOLTS	PHASE	AMPS	CORD LENGTH	SWITCH
CPS3-11	1/3	115	1	4	10'	Manual
CPS3-12	1/3	115	1	4	20'	Manual
CPS3-13	1/3	115	1	4	30'	Manual
CPS3-15	1/3	115	1	4	50'	Manual
CPS3A-11	1/3	115	1	4	10'	Wide-Angle Float
CPS3A-12	1/3	115	1	4	20'	Wide-Angle Float
CPS3A-13	1/3	115	1	4	30'	Wide-Angle Float
CPS3V-11	1/3	115	1	4	10'	Vertical Float
CPS3V-12	1/3	115	1	4	20'	Vertical Float
CPS3V-13	1/3	115	1	4	30'	Vertical Float