

# Flotec®

Water Is Our Business®

## Pump Catalog

2016

**Sump**

**Sewage**

**Utility**

**Well**





## Water Is Our Business®

A global leader in providing innovative products for the movement, treatment and enjoyment of water, Flotec is a widely respected brand of pumps you can trust for performance, quality and long life.

We make sump, lawn and garden, pool and spa, sewage and effluent pumps and home water systems... products you seldom think about, but really appreciate when you need them. Designed for quick and easy installation, all of our products come with industry-leading warranties. We've been making pumps for over 75 years, working to bring you great performance and a quality selection.

**Flotec's complete line helps you tackle any pumping project with confidence.**



**[www.flotecwater.com](http://www.flotecwater.com)**

**1-800-365-6832**



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# Sump Pumps

For best defense against flooding, a sump pump removes drainage water that collects in the sump basin located in your basement or crawl space. Replacing a sump pump typically can take about 30 minutes to 1 hour and can be done with common household tools.

## Product Line Overview

**Submersible and pedestal pumps**

**Vertical and tethered switches**

**1/4 HP to 1 HP ranges, up to 6,660 GPH**

**Battery-powered backup sump pump systems**

**Complete sink pump system available**

**1-year to 5-year warranties**

## Flotec® PROFESSIONAL

We've taken the best of what contractors have asked for and developed an elite group of products that meet and exceed the requirements of any professional installer. Flotec® Professional pumps are exactly what professional contractors demand!

## PARTS<sub>2</sub>O™ Accessories

For a complete line of sump pump accessories see page 20.



**Non-Submersible**

# Pedestal Sump Pumps

**Thermoplastic or Cast Iron/Stainless Steel****Rugged Construction**

Designed for a high level of corrosion resistance

**Durable Motor**

Thermal overload protection

**1/3 HP** 3480 GPH  
FPPM3600D**1/3 HP** 3480 GPH  
FPPSS3000

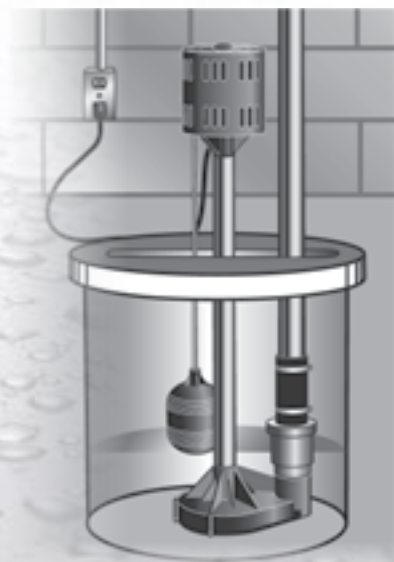
| PERFORMANCE (GPH)                    |      |      |      |      |           | FLOAT SWITCH |     | SOLIDS HANDLING |
|--------------------------------------|------|------|------|------|-----------|--------------|-----|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15'  | MAX. LIFT | ON           | OFF |                 |
| FPPM3600D                            | 3480 | 3000 | 2460 | 1620 | 20'       | 14"          | 6"  | 1/4"            |
| FPPSS3000                            | 3480 | 3000 | 2460 | 1620 | 20'       | 14"          | 6"  | 1/4"            |

| MODEL     | WARRANTY | UPC          | CARTON DIMENSIONS     | PALLET QTY. | WEIGHT    |
|-----------|----------|--------------|-----------------------|-------------|-----------|
| FPPM3600D | 1 YEAR   | 022315100084 | 8.25" x 7.25" x 33.5" | 30          | 12.8 LBS. |
| FPPSS3000 | 2 YEAR   | 022315101999 | 8.25" x 7.25" x 33.5" | 30          | 17.4 LBS. |

Includes:

1-1/4" discharge (FPPM3600D), 1-1/2" discharge (FPPSS3000), 6' grounded power cord

Check valve replacement recommended



Operates in 12" basins and larger.

# Thermoplastic Easy Sump™

High-Output Performance

## Pre-Plumbed For Easy Installation

Three easy steps saves time and money

## Versatile Design

Replaces pedestal or submersible pump

## Thermoplastic Construction

Resists corrosion

## Zinc Motor Housing

Dissipates heat quickly and extends motor life

## Stainless Steel Fasteners and Hardware

Superior quality

## Smooth Flow Hydraulics™

Deliver high performance for demanding applications

## Vertical Float Switch

Piggyback plug for easy replacement

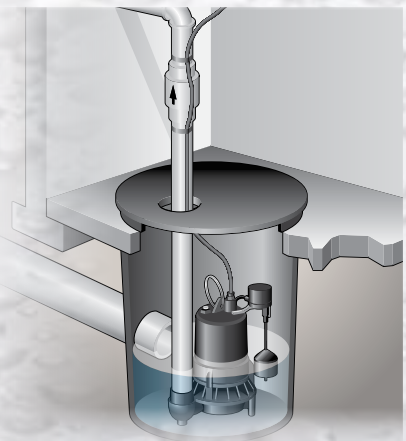


**1/2 HP 4200 GPH**  
**FPZS50RP**

| PERFORMANCE (GPH)                    |       |       |       |       |     |           | FLOAT SWITCH |     | SOLIDS HANDLING |
|--------------------------------------|-------|-------|-------|-------|-----|-----------|--------------|-----|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'    | 5'    | 10'   | 15'   | 20' | MAX. LIFT | ON           | OFF |                 |
| FPZS50RP                             | 4,200 | 3,660 | 3,000 | 2,160 | 960 | 22'       | 7.5"         | 3"  | 3/16"           |

| MODEL    | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT    |
|----------|----------|--------------|-------------------|-------------|-----------|
| FPZS50RP | 1 YEAR   | 022315377332 | 8" x 6" x 33.25"  | 35          | 12.35 LBS |

Includes: 1 1/2" NPT discharge, 8' grounded power cord, piggyback-style switch for automatic or manual operation, check valve, 1-1/2" PVC pipe



Operates in 10" basins and larger.

# Thermoplastic Sump Pump

## High-Output Performance



Energy Efficient Design

### Thermoplastic Construction

Resists corrosion

### Zinc Motor Housing

Dissipates heat quickly and extends motor life

### Stainless Steel Fasteners and Hardware

Superior quality

### Smooth Flow Hydraulics™

Deliver high performance for demanding applications

### Tethered Float Switch

Piggyback plug for easy replacement



**1/4 HP** 3200 GPH  
FPZS25T

**1/3 HP** 3600 GPH  
FPZS33T

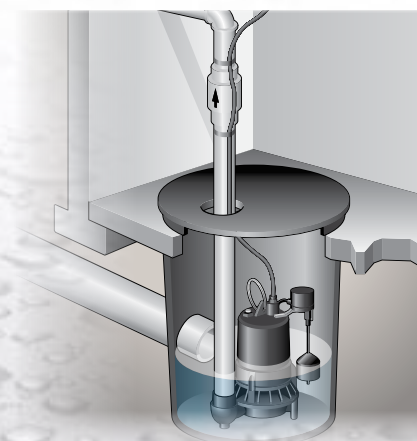
**1/2 HP** 4200 GPH  
FPZS50T

| PERFORMANCE (GPH)                    |       |       |       |       |     |           | FLOAT SWITCH |     | SOLIDS HANDLING |
|--------------------------------------|-------|-------|-------|-------|-----|-----------|--------------|-----|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'    | 5'    | 10'   | 15'   | 20' | MAX. LIFT | ON           | OFF |                 |
| FPZS25T                              | 3,200 | 2,700 | 2,160 | 1,500 | -   | 20'       | 14"          | 5"  | 3/16"           |
| FPZS33T                              | 3,600 | 3,060 | 2,400 | 1,680 | 660 | 22'       | 14"          | 5"  | 3/16"           |
| FPZS50T                              | 4,200 | 3,660 | 3,000 | 2,160 | 960 | 22'       | 14"          | 5"  | 3/16"           |

| MODEL   | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT   |
|---------|----------|--------------|-------------------|-------------|----------|
| FPZS25T | 1 YEAR   | 022315368453 | 8" x 6" x 12.75"  | 105         | 7.7 LBS. |
| FPZS33T | 1 YEAR   | 022315368460 | 8" x 6" x 12.75"  | 105         | 7.7 LBS  |
| FPZS50T | 1 YEAR   | 022315368484 | 8" x 6" x 12.75"  | 105         | 10 LBS   |

Includes: 1 1/2" NPT discharge, 8' grounded power cord, piggyback-style switch for automatic or manual operation

Check Valve replacement is recommended



Operates in 14" basins and larger.

# Thermoplastic Sump Pump

**High-Output Performance**



Energy Efficient Design

## Thermoplastic Construction

Resists corrosion

## Zinc Motor Housing

Dissipates heat quickly and extends motor life

## Stainless Steel Fasteners and Hardware

Superior quality

## Smooth Flow Hydraulics™

Deliver high performance for demanding applications

## Vertical Float Switch

Piggyback plug for easy replacement



**1/3 HP 3600 GPH**  
FPZS33V

**1/2 HP 4200 GPH**  
FPZS50V

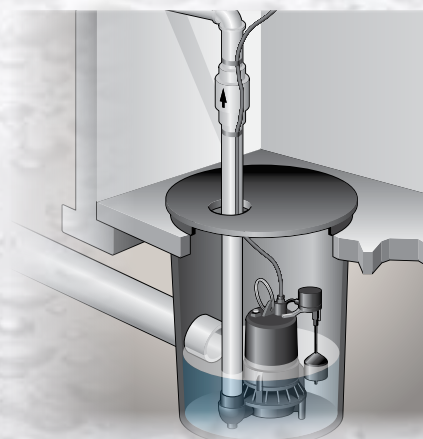
**3/4 HP 4700 GPH**  
FPZS75V

| PERFORMANCE (GPH)                    |       |       |       |       |       |           | FLOAT SWITCH |     | SOLIDS HANDLING |
|--------------------------------------|-------|-------|-------|-------|-------|-----------|--------------|-----|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'    | 5'    | 10'   | 15'   | 20'   | MAX. LIFT | ON           | OFF |                 |
| FPZS33V                              | 3,600 | 3,060 | 2,400 | 1,680 | 660   | 22'       | 7.5"         | 3"  | 3/16"           |
| FPZS50V                              | 4,200 | 3,660 | 3,000 | 2,160 | 960   | 22'       | 7.5"         | 3"  | 3/16"           |
| FPZS75V                              | 4,700 | 4,200 | 3,540 | 2,820 | 1,800 | 24'       | 7.5"         | 3"  | 3/16"           |

| MODEL   | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT   |
|---------|----------|--------------|-------------------|-------------|----------|
| FPZS33V | 1 YEAR   | 022315368477 | 8" x 6" x 12.75"  | 105         | 7.7 LBS. |
| FPZS50V | 1 YEAR   | 022315368491 | 8" x 6" x 12.75"  | 105         | 10 LBS   |
| FPZS75V | 1 YEAR   | 022315368507 | 8" x 6" x 12.75"  | 105         | 10 LBS   |

Includes: 1 1/2" NPT discharge, 8' grounded power cord, piggyback-style switch for automatic or manual operation

Check Valve replacement is recommended



Operates in 10" basins and larger.



Energy Efficient Design

# Cast Iron/Zinc Sump Pump



## Cast Iron Base

Provides strength and durability

## Corrosion Resistant Zinc Body

Dissipates heat quickly and extends motor life

## Energy Efficient Motor

Saves operating costs

## Stainless Steel Fasteners and Hardware

Superior quality

## Smooth Flow Hydraulics™

Delivers high performance for demanding applications

## Vertical Float Switch

Piggyback plug for easy replacement

**1/3 HP 4200 GPH**  
FPCI3350

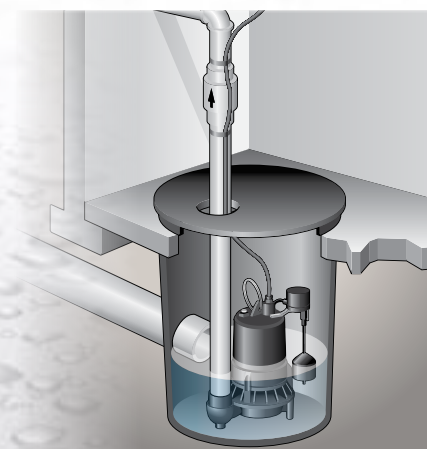
**1/2 HP 4700 GPH**  
FPCI5050

| PERFORMANCE (GPH)                    |       |       |       |       |       |           | FLOAT SWITCH |     | SOLIDS HANDLING |
|--------------------------------------|-------|-------|-------|-------|-------|-----------|--------------|-----|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'    | 5'    | 10'   | 15'   | 20'   | MAX. LIFT | ON           | OFF |                 |
| FPCI3350                             | 4,200 | 3,660 | 3,000 | 2,160 | 960   | 22        | 7.5"         | 3"  | 1/4"            |
| FPCI5050                             | 4,700 | 4,200 | 3,540 | 2,820 | 1,800 | 24'       | 7.5"         | 3"  | 1/4"            |

| MODEL    | WARRANTY | UPC          | CARTON DIMENSIONS      | PALLET QTY. | WEIGHT    |
|----------|----------|--------------|------------------------|-------------|-----------|
| FPCI3350 | 2 YEAR   | 022315378186 | 7.63" x 7.63" x 14.25" | 90          | 14.6 LBS  |
| FPCI5050 | 2 YEAR   | 022315368439 | 7.63" x 7.63" x 14.25" | 90          | 14.6 LBS. |

Includes: 1 1/2" NPT discharge, 8' grounded power cord, piggyback-style switch for automatic or manual operation

Check Valve replacement is recommended



Operates in 10" basins and larger.

# Zinc Sump Pump

## High-Output Performance

### Corrosion Resistant Zinc Construction

Dissipates heat quickly and extends motor life

### Uni-Body Motor Housing

Eliminates leak points and maximizes pump life

### Stainless Steel Fasteners and Hardware

Superior quality

### Quadra Seal™ Technology

Provides superior motor protection over single seal designs

### Smooth Flow Hydraulics™

Deliver high performance for demanding applications

### Tethered Float Switch

Piggyback plug for easy replacement



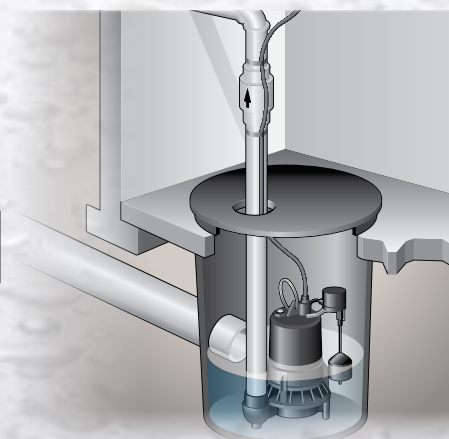
**1 1/2 HP 6000 GPH**  
**FPZT7300**

| PERFORMANCE (GPH)                    |      |       |       |       |       |           | FLOAT SWITCH |      | SOLIDS HANDLING |
|--------------------------------------|------|-------|-------|-------|-------|-----------|--------------|------|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'    | 10'   | 15'   | 20'   | MAX. LIFT | ON           | OFF  |                 |
| FPZT7300                             | 6000 | 5,100 | 4,140 | 2,940 | 1,380 | 23'       | 13.5"        | 4.5" | 3/8"            |

| MODEL    | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT  |
|----------|----------|--------------|-------------------|-------------|---------|
| FPZT7300 | 3 YEAR   | 022315367982 | 10" x 8" x 13.5"  | 60          | 15 LBS. |

Includes: 1 1/2" NPT discharge, 8' grounded power cord, piggyback-style switch for automatic or manual operation

Check Valve replacement is recommended



Operates in 14" basins and larger.

# Zinc Sump Pump

## High-Output Performance

### Corrosion Resistant Zinc Construction

Dissipates heat quickly and extends motor life

### Uni-Body Motor Housing

Eliminates leak points and maximizes pump life

### Stainless Steel Fasteners and Hardware

Superior quality

### Quadra Seal™ Technology

Provides superior motor protection over single seal designs

### Smooth Flow Hydraulics™

Deliver high performance for demanding applications

### Vertical Float Switch

Piggyback plug for easy replacement



**1/2 HP 6000 GPH**  
FPZT7350

**3/4 HP 6360 GPH**  
FPZT7450

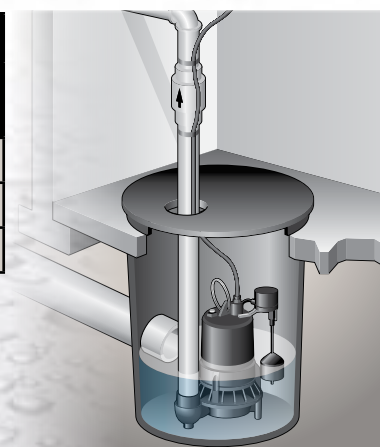
**1 HP 6660 GPH**  
FPZT7550

| PERFORMANCE (GPH)                    |       |       |       |       |       |       |           | FLOAT SWITCH |     | SOLIDS HANDLING |
|--------------------------------------|-------|-------|-------|-------|-------|-------|-----------|--------------|-----|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'    | 5'    | 10'   | 15'   | 20'   | 25'   | MAX. LIFT | ON           | OFF |                 |
| FPZT7350                             | 6000  | 5,100 | 4,140 | 2,940 | 1,380 | -     | 23'       | 7.5"         | 3"  | 3/8"            |
| FPZT7450                             | 6,360 | 5,460 | 4,500 | 3,420 | 2,100 | 420   | 26'       | 7.5"         | 3"  | 3/8"            |
| FPZT7550                             | 6,660 | 5,880 | 4,980 | 4,020 | 2,880 | 1,500 | 29'       | 7.5"         | 3"  | 3/8"            |

| MODEL    | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT  |
|----------|----------|--------------|-------------------|-------------|---------|
| FPZT7350 | 3 YEAR   | 022315368118 | 10" x 8" x 13.5"  | 60          | 15 LBS. |
| FPZT7450 | 3 YEAR   | 022315368002 | 10" x 8" x 13.5"  | 60          | 15 LBS  |
| FPZT7550 | 3 YEAR   | 022315368309 | 10" x 8" x 13.5"  | 60          | 15 LBS  |

Includes: 1 1/2" NPT discharge, 8' grounded power cord, piggyback-style switch for automatic or manual operation

Check Valve replacement is recommended



Operates in 11" basins and larger.

# Cast Iron Sump Pump

## Sump Pump with Vertical Switch

### Rugged Cast Iron Construction

Designed for years of trouble-free operation

### Recessed Vortex Impeller

Resists clogging

### Heavy-Duty Integrated Vertical Switch

### Great For Laundry Applications

Passes up to 1/2" solids. 1-1/2" NPT discharge



## Contractor-Preferred Switch

**1/3 HP** 3360 GPH  
FPSC3350A

| PERFORMANCE (GPH)                    |      |      |      |      |     |           | FLOAT SWITCH |     | SOLIDS HANDLING |
|--------------------------------------|------|------|------|------|-----|-----------|--------------|-----|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15'  | 20' | MAX. LIFT | ON           | OFF |                 |
| FPSC3350A                            | 3360 | 2880 | 2400 | 1740 | 900 | 24'       | 9"           | 4"  | 1/2"            |

| MODEL     | WARRANTY | UPC          | CARTON DIMENSIONS   | PALLET QTY. | WEIGHT  |
|-----------|----------|--------------|---------------------|-------------|---------|
| FPSC3350A | 3 YEAR   | 022315358133 | 12.5" x 9.75" x 13" | 42          | 24 LBS. |

Includes:

1-1/2" NPT discharge, grounded 10' power cord

Check valve replacement recommended



Operates in 11" basins and larger.

**Cast Iron**

# Sump Pumps

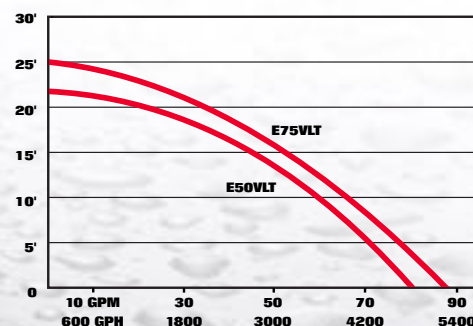
**High-Output Professional-Grade  
Sump Pumps with Vertical Switch**

**Vertical Float Switch**
**Rugged Construction**
**Energy-Efficient PSC Motor**
**5-Year Warranty**

**80 GPM 4,800 GPH**
**88 GPM 5,280 GPH**
**MODEL E50VLT**
**1 / 2 HP**
**MODEL E75VLT**
**3 / 4 HP**

| PERFORMANCE (GPM/GPH)                |            |            |            |            |            |           | FLOAT SWITCH |     | SOLIDS HANDLING |
|--------------------------------------|------------|------------|------------|------------|------------|-----------|--------------|-----|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'         | 5'         | 10'        | 15'        | 20'        | MAX. LIFT | ON           | OFF |                 |
| E50VLT                               | 80<br>4800 | 72<br>4320 | 61<br>3660 | 44<br>2640 | 17<br>1020 | 22'       | 7.5"         | 3"  | 3/8"            |
| E75VLT                               | 88<br>5280 | 80<br>4800 | 67<br>4020 | 53<br>3180 | 30<br>1800 | 25'       | 7.5"         | 3"  | 3/8"            |

| MODEL  | UPC          | CARTON DIMENSIONS       | PALLET QTY. | WEIGHT    |
|--------|--------------|-------------------------|-------------|-----------|
| E50VLT | 022315345799 | 12.37" x 10.38" x 15.4" | 36          | 25.5 lbs. |
| E75VLT | 022315342782 | 12.37" x 10.38" x 15.4" | 36          | 25.5 lbs. |



Operates in 10" basins and larger.

Includes:

Piggyback-style switch for automatic or manual operation

Check valve replacement recommended

**115V AC 1 Phase**
**10' Power Cord**
**1.5" FNPT Discharge**

# Emergency Battery Backup

## Sump Pump System

### Basement Flood Protection

Operates automatically during power outage or if primary pump fails.

### Proprietary Smart Charging Technology

Recharges battery up to 5X faster and extends battery life.

### High Performance Pump

Removes up to 48% more gallons per charge than the leading competitor.

### Dual Battery Capacity

Provides extended run time.



**12V 2040 GPH**  
**FPDC20**

| PERFORMANCE (GPH)                    |      |      |     |     |           | SOLIDS HANDLING |
|--------------------------------------|------|------|-----|-----|-----------|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10' | 12' | MAX. LIFT |                 |
| FPDC20                               | 2040 | 1380 | 600 | 240 | 13.3'     | 3/16"           |

| FEATURE                        | FLOTEC® FPCC3320 | COMPETITION | FLOTEC ADVANTAGE            |
|--------------------------------|------------------|-------------|-----------------------------|
| Max Flow (12.7V)               | 2040 GPH         | 1680 GPH    | 21% more flow               |
| Flow @ 10' (12.7V)             | 600 GPH          | 300 GPH     | 2X more flow                |
| Max Head                       | 13.3'            | 11.6'       | 15% higher head             |
| Gallons per charge @ 10' head* | 2900             | 1951        | 48% more gallons per charge |
| Charger                        | 2.0 AMPS         | 0.4 AMPS    | 5X faster charging          |

\*Performance data based on internal testing using manufacturer's recommended battery

| MODEL  | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT    |
|--------|----------|--------------|-------------------|-------------|-----------|
| FPDC20 | 1 YEAR   | 022315368354 | 16" x 10" x 20"   | 24          | 10.2 LBS. |



Includes: battery case control unit, 12V pump, reed switch, AC power supply, 1-1/4" NPT to 1-1/2" glue PVC elbow

Compatible with flooded and sealed AGM deep cycle lead acid batteries.

For best performance use Flotec BAT40 or BAT75 sealed AGM batteries.

# Emergency Battery Backup

## Pre-Assembled Sump Pump System

### Proprietary Smart Charging Technology

Recharges battery 5X faster and extends battery life.

### High Performance Pump

Removes up to 48% more gallons per charge than the leading competitor.

### 1/3 HP Primary Pump

Removes 3600 gallons per hour.



## 12V 2040 GPH FPCC3320

| PERFORMANCE (GPH)                    |      |      |      |      |     |           | FLOAT SWITCH |     | SOLIDS HANDLING |
|--------------------------------------|------|------|------|------|-----|-----------|--------------|-----|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15'  | 20' | MAX. LIFT | ON           | OFF |                 |
| PRIMARY PUMP                         | 3600 | 3060 | 2400 | 1680 | 660 | 22'       | 7.5"         | 3"  | 3/16"           |

| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10' | 12' | MAX. LIFT | FLOAT SWITCH |     | SOLIDS HANDLING |
|--------------------------------------|------|------|-----|-----|-----------|--------------|-----|-----------------|
|                                      |      |      |     |     |           | ON           | OFF |                 |
| BACKUP PUMP                          | 2040 | 1380 | 600 | 240 | 13.3'     | —            | —   | 3/16"           |

| FEATURE                       | FLOTEC® FPCC3320 | COMPETITION | FLOTEC ADVANTAGE            |
|-------------------------------|------------------|-------------|-----------------------------|
| Max Flow (12.7V)              | 2040 GPH         | 1680 GPH    | 21% more flow               |
| Flow @ 10' (12.7V)            | 600 GPH          | 300 GPH     | 2X more flow                |
| Max Head                      | 13.3'            | 11.6'       | 15% higher head             |
| Gallons per charge @ 10' head | 2900             | 1951        | 48% more gallons per charge |
| Charger                       | 2.0 AMPS         | 0.4 AMPS    | 5X faster charging          |

\*Performance data based on internal testing using manufacturer's recommended battery

| MODEL    | WARRANTY | UPC          | CARTON DIMENSIONS     | PALLET QTY. | WEIGHT    |
|----------|----------|--------------|-----------------------|-------------|-----------|
| FPCC3320 | 1 YEAR   | 022315377585 | 18.25 x 10.13 x 16.63 | 20          | 18.5 LBS. |



Operates in 14" basins and larger.

Includes: Battery case control unit, 12V pump, Reed switch, AC Power supply, Pre-plumbed w/wye connection & check valves, 1/3 HP primary pump - w/vertical switch

Compatible with flooded and sealed AGM deep cycle lead acid batteries.

For best performance use Flotec BAT40 or BAT75 sealed AGM batteries.

# Emergency Battery Backup

## Sump Pump System

### Virtual Water Assistant® Remote Monitoring

Constantly monitors system conditions, and alerts you (by cellphone or computer) when your basement is in danger of flooding. At home, at work, or across the globe – you are protected and informed.

### Proprietary Smart Charging Technology

Recharges battery 25% faster and extends battery life.

### High Performance Pump

Removes up to 83% more gallons per charge than the leading competitor.



LEARN MORE AT :  
[www.mylink2o.com](http://www.mylink2o.com)



**12V 3000 GPH**  
**FPDC30**

| PERFORMANCE (GPH)                    |      |      |      |     |           | SOLIDS HANDLING |
|--------------------------------------|------|------|------|-----|-----------|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 14' | MAX. LIFT |                 |
| <b>FPDC30</b>                        | 2700 | 2040 | 1260 | 360 | 15'       | 3/16"           |

| FEATURE                       | FLOTEC® FPDC30 | COMPETITION | FLOTEC ADVANTAGE            |
|-------------------------------|----------------|-------------|-----------------------------|
| Max Flow (12.7V)              | 2700           | 2200        | 22% more flow               |
| Flow @ 10' (12.7V)            | 1260           | 900         | 40% more flow               |
| Max Head                      | 15'            | 14'         | 7% higher head              |
| Gallons per charge @ 10' head | 11,500         | 6300        | 83% more gallons per charge |
| Charger                       | 2.0 AMPS       | 1.6 AMPS    | 25% faster charging         |

\*Performance data based on internal testing using BAT75

| MODEL         | WARRANTY | UPC          | CARTON DIMENSIONS     | PALLET QTY. | WEIGHT    |
|---------------|----------|--------------|-----------------------|-------------|-----------|
| <b>FPDC30</b> | 2 YEAR   | 022315368385 | 18.25 x 10.13 x 16.63 | 20          | 12.2 LBS. |



Includes: battery case control unit, 12V pump, reed switch, AC power supply, wireless gateway, 1-1/4" NPT to 1-1/2" glue PVC elbow

Compatible with flooded and sealed AGM deep cycle lead acid batteries.

For best performance use Flotec BAT40 or BAT75 sealed AGM batteries.

# Emergency Battery Backup

## Pre-Assembled Sump Pump System

### Virtual Water Assistant® Remote Monitoring

Constantly monitors system conditions, and alerts you (by cellphone or computer) when your basement is in danger of flooding. At home, at work, or across the globe – you are protected and informed.

### Proprietary Smart Charging Technology

Recharges battery 25% faster and extends battery life.

### High Performance Pump

Removes up to 83% more gallons per charge than the leading competitor.

### 1/2 HP Primary Pump

Removes 4200 gallons per hour.



LEARN MORE AT :  
[www.mylink2o.com](http://www.mylink2o.com)

## 12V 4200 GPH FPCC5030

| PERFORMANCE (GPH)                    |      |      |      |      |     |           | FLOAT SWITCH |     | SOLIDS HANDLING |
|--------------------------------------|------|------|------|------|-----|-----------|--------------|-----|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15'  | 20' | MAX. LIFT | ON           | OFF |                 |
| PRIMARY PUMP                         | 4200 | 3660 | 3000 | 2160 | 960 | 22'       | 7.5"         | 3"  | 3/16"           |

| PERFORMANCE (GPH)                    |      |      |      |     |           |  | FLOAT SWITCH |     | SOLIDS HANDLING |
|--------------------------------------|------|------|------|-----|-----------|--|--------------|-----|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 14' | MAX. LIFT |  | ON           | OFF |                 |
| BACKUP PUMP                          | 2700 | 2040 | 1260 | 360 | 15'       |  | –            | –   | 3/16"           |

| FEATURE                       | FLOTEC® FPCC5030 | COMPETITION | FLOTEC ADVANTAGE            |
|-------------------------------|------------------|-------------|-----------------------------|
| Max Flow (12.7V)              | 2700             | 2200        | 22% more flow               |
| Flow @ 10' (12.7V)            | 1260             | 900         | 40% more flow               |
| Max Head                      | 15'              | 14'         | 7% higher head              |
| Gallons per charge @ 10' head | 11,500           | 6300        | 83% more gallons per charge |
| Charger                       | 2.0 AMPS         | 1.6 AMPS    | 25% faster charging         |

\*Performance data based on internal testing using BAT75

| MODEL    | WARRANTY | UPC          | CARTON DIMENSIONS     | PALLET QTY. | WEIGHT    |
|----------|----------|--------------|-----------------------|-------------|-----------|
| FPCC5030 | 2 YEAR   | 022315377592 | 18.25 x 10.13 x 16.63 | 20          | 22.0 LBS. |



Operates in 14" basins and larger.

Includes: Battery case control unit, 12V pump, Reed switch, AC Power supply, Wireless gateway, Pre-plumbed w/wye connection & check valves, 1/2 HP primary pump - w/vertical switch

Compatible with flooded and sealed AGM deep cycle lead acid batteries.

For best performance use Flotec BAT40 or BAT75 sealed AGM batteries.

# Self-Contained Sink Pump System

With 1/3 HP Sump Pump

## Under-Sink Basin System

Ideal for pumping washing machine, wet bar and air conditioning drainage without an in-ground basin

## Heavy-Duty

6-gallon structural foam drainage tank

## Easy Installation

Eliminates need for expensive plumbing renovation



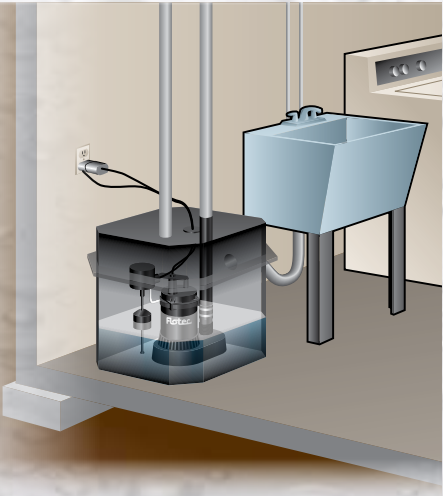
**1/3 HP 2880 GPH**  
**FPZS33LTS**

| PERFORMANCE (GPH)                    |      |      |      |      |     |           | FLOAT SWITCH |     | SOLIDS HANDLING |
|--------------------------------------|------|------|------|------|-----|-----------|--------------|-----|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15'  | 20' | MAX. LIFT | ON           | OFF |                 |
| FPZS33LTS                            | 3600 | 3060 | 2400 | 1680 | 660 | 22'       | 7.5"         | 3"  | 3/16"           |

| MODEL     | WARRANTY | UPC          | CARTON DIMENSIONS     | PALLET QTY. | WEIGHT  |
|-----------|----------|--------------|-----------------------|-------------|---------|
| FPZS33LTS | 1 YEAR   | 022315377981 | 15.2" x 15.8" x 14.2" | 18          | 18 LBS. |

Includes: Check valve, 1-1/2" x 6-3/4" discharge pipe, basin, 1/3 HP sump pump, 8' grounded power cord

All pipes taps in the basin (inlet, discharge, vent) are 1.5" NPT female.



# Under-Sink Mounted Utility Sink Pump

## Complete, Compact System

Perfect for basement wet bars, laundry and utility sinks

## Easy to Install

Eliminates the need for traps, vents and costly labor

## Quiet, Trouble-Free Operation

Easily mounts beneath your sink



**1/3 HP** 1860 GPH  
FPUS1860A

| PERFORMANCE (GPH)                          |      |      |      |     |           | SOLIDS<br>HANDLING |
|--------------------------------------------|------|------|------|-----|-----------|--------------------|
| DISCHARGE<br>HEIGHT ABOVE<br>PUMPING LEVEL | 0'   | 4'   | 8'   | 12' | MAX. LIFT |                    |
| FPUS1860A                                  | 2400 | 2040 | 1320 | 240 | 14'       | 1/8"               |

| MODEL     | WARRANTY | UPC          | CARTON DIMENSIONS    | PALLET QTY. | WEIGHT    |
|-----------|----------|--------------|----------------------|-------------|-----------|
| FPUS1860A | 1 YEAR   | 022315327092 | 10.4" x 9.4" x 13.6" | 60          | 15.3 LBS. |

Includes: 1-1/4" check valve, 1-1/4" ball valve, sink drain screen, O-ring and gasket seal, 8' grounded power cord

1-1/4" Suction and discharge



## Sump Pump Accessories

|                            |               |
|----------------------------|---------------|
| Universal Hose Kit         | FP0012-6U-P2  |
| Universal Hose Kit Adapter | FP125A-P2-P2* |

### Check Valves

|                           |              |
|---------------------------|--------------|
| Threaded 1-1/4" or 1-1/2" | FP0026-6D-P2 |
| In-Line 1-1/4" or 1-1/2"  | FP0026-10-P2 |

### Float Switches

|                |              |
|----------------|--------------|
| Tethered       | FP18-15BD-P2 |
| Vertical       | FPS17- 66-P2 |
| Direct-Connect | FPFS-P2      |
| Pedestal       | FP0018-7D-P2 |

|                                     |              |
|-------------------------------------|--------------|
| 18" Sump Basin                      | FPW73-19-P2  |
| 18" Sump Basin Lid                  | FPW73-20-P2  |
| 18" Gas Tight Sump/Sewage Basin Lid | FPW73-25-P2* |

### 12V Batteries

|                   |        |
|-------------------|--------|
| 40 AH Sealed AGM  | BAT40  |
| 75 AH Sealed AGM  | BAT75  |
| 100 AH Sealed AGM | BAT100 |

\*Not shown



FP0012-6U-P2



FP0026-6D-P2

FP0026-10-P2



FP18-15BD-P2



FPFS-P2



FPS17-66-P2



FP0018-7D-P2



FPW73-19-P2

FPW73-20-P2



BAT40  
BAT75  
BAT100



# Effluent Pumps

An effluent pump is used to transfer liquid effluent "grey water" from a pumping chamber to a distribution component when the effluent cannot flow by gravity. Liquid effluent is what is ejected from dishwashers, washing machines, shower stalls and bath tubs. These pumps are not equipped to handle flushable waste, such as sewage.

## Product Line Overview

**1/3 HP to 1/2 HP ranges**

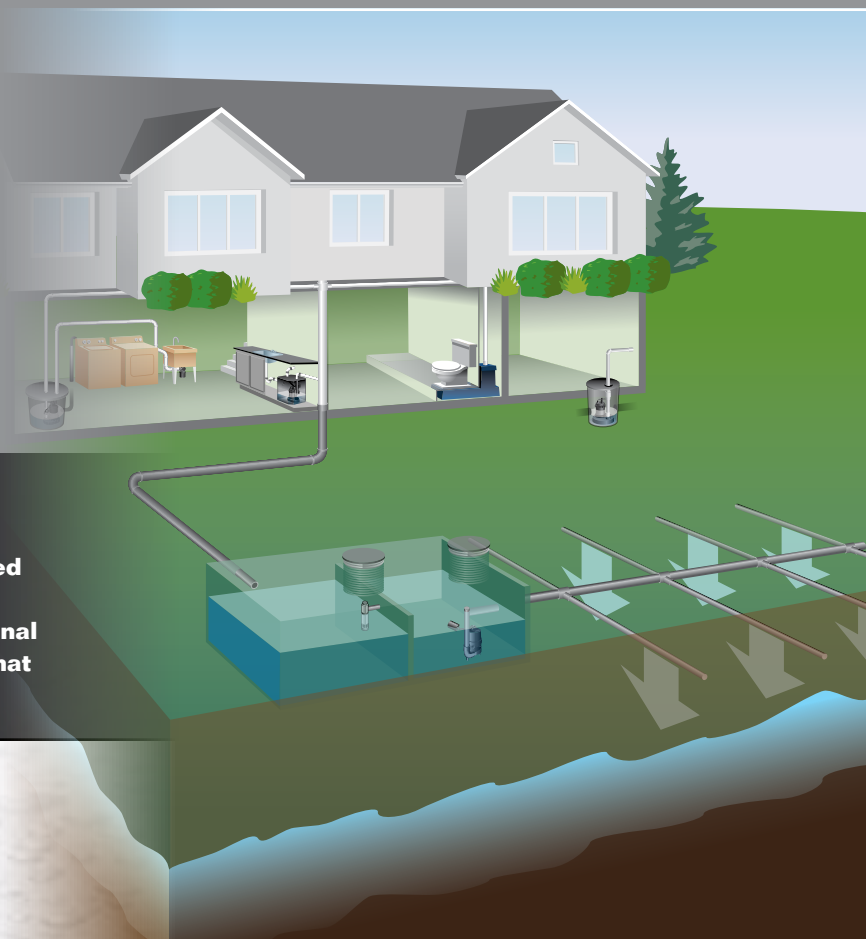
**Cast Iron and Thermoplastic Construction available**

**Handles up to 3/4" solids**

**Rated to handle up to 130°F**

**Self-contained Sewage System available**

**1-year to 5-year warranties**

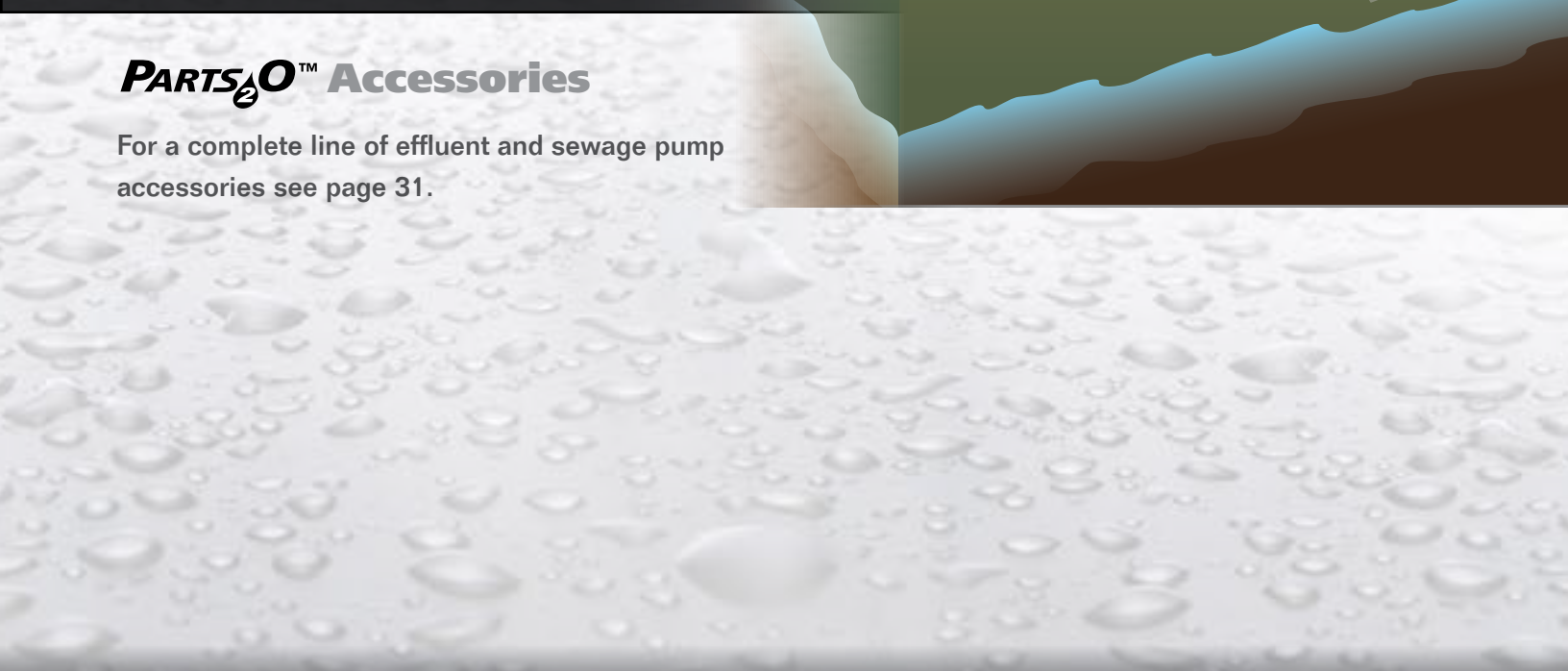


## Flotec® PROFESSIONAL

We've taken the best of what contractors have asked for and developed an elite group of products that meet and exceed the requirements of any professional installer. Flotec® Professional pumps are exactly what professional contractors demand!

## PARTS<sub>2</sub>O™ Accessories

For a complete line of effluent and sewage pump accessories see page 31.



# Thermoplastic Effluent Pump

With Tethered Switch

## Handles up to 3/4" Solids

Virtually clog-free discharge

## Thermoplastic Construction

For corrosion resistance

## High-Efficiency Motor

With overload protection

## Tethered Float Switch

Piggyback controls allow for manual operation



**1/3 HP** 3600 GPH  
FPSE2800A

| PERFORMANCE (GPH)                    |      |      |      |      |      |     |           | FLOAT SWITCH |      | SOLIDS HANDLING |
|--------------------------------------|------|------|------|------|------|-----|-----------|--------------|------|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15'  | 20'  | 25' | MAX. LIFT | ON           | OFF  |                 |
| FPSE2800A                            | 3600 | 3180 | 2700 | 2100 | 1500 | 750 | 29'       | 14.75"       | 7.5" | 3/4"            |

| MODEL     | WARRANTY | UPC          | CARTON DIMENSIONS      | PALLET QTY. | WEIGHT    |
|-----------|----------|--------------|------------------------|-------------|-----------|
| FPSE2800A | 1 YEAR   | 022315102026 | 10.25" x 7.25" x 16.5" | 50          | 12.9 LBS. |

Includes:

2" discharge (meets standard code approvals),  
15' power cord for easy installation

Check valve replacement recommended

Operates in 18" basins and larger.

# Cast Iron Effluent Pump

With Tethered Switch



**Heavy-Duty Motor**

**Rugged Construction**

**Handles Up To 3/4" Solids**

**Easy To Install**

**Septic Tank, Laundry,  
and Dishwasher Applications**

**5-Year Warranty**



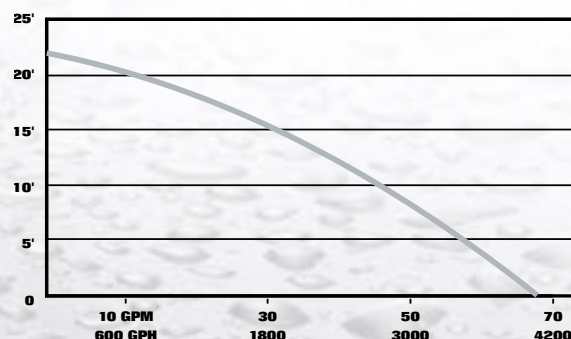
**68 GPM** 4,080 GPH

**MODEL  
E3375TLT**

**1 / 3 HP**

| PERFORMANCE (GPM/GPH)                |            |            |            |            |           |           | FLOAT SWITCH |      | SOLIDS HANDLING |
|--------------------------------------|------------|------------|------------|------------|-----------|-----------|--------------|------|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'         | 5'         | 10'        | 15'        | 20'       | MAX. LIFT | ON           | OFF  |                 |
| E3375TLT                             | 68<br>4080 | 58<br>3480 | 46<br>2760 | 32<br>1920 | 12<br>720 | 22'       | 13.5"        | 4.5" | 3/4"            |

| MODEL    | UPC          | CARTON DIMENSIONS     | PALLET QTY. | WEIGHT  |
|----------|--------------|-----------------------|-------------|---------|
| E3375TLT | 022315363632 | 12.75" x 10" x 12.88" | 42          | 28 lbs. |



Operates in 14" basins and larger.

Check valve replacement recommended

**115V AC 1 Phase**

**20' Power Cord**

**1.5" FNPT Discharge**

# Cast Iron Effluent Pump

With Tethered Switch



**Heavy-Duty Motor**

**Rugged Construction**

**Handles Up To 1/2" Solids**

**Easy To Install**

**Septic Tank, Laundry,  
and Dishwasher Applications**

**5-Year Warranty**



**56 GPM 3,360 GPH**

**67 GPM 4,020 GPH**

**MODEL E3305TLT**

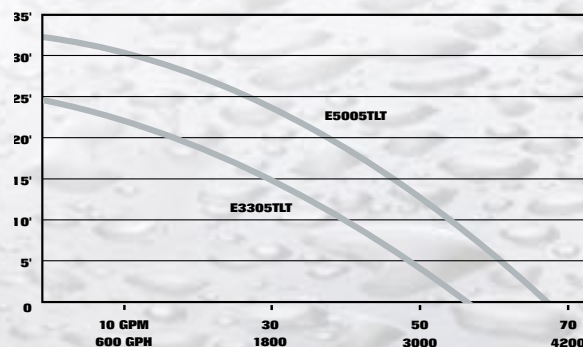
**1/3 HP**

**MODEL E5005TLT**

**1/2 HP**

| PERFORMANCE (GPM/GPH)                |            |            |            |            |            |            |           |           | FLOAT SWITCH |     |
|--------------------------------------|------------|------------|------------|------------|------------|------------|-----------|-----------|--------------|-----|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'         | 5'         | 10'        | 15'        | 20'        | 25'        | 30'       | MAX. LIFT | ON           | OFF |
| E3305TLT                             | 56<br>3360 | 48<br>2880 | 40<br>2400 | 29<br>1740 | 15<br>90   | —          | —         | 24'       | 13"          | 4"  |
| E5005TLT                             | 67<br>4020 | 62<br>3720 | 53<br>3180 | 46<br>2760 | 38<br>2280 | 29<br>1740 | 13<br>780 | 32'       | 13"          | 4"  |

| MODEL    | UPC          | CARTON DIMENSIONS     | PALLET QTY. | WEIGHT  |
|----------|--------------|-----------------------|-------------|---------|
| E3305TLT | 022315363625 | 12.75" x 10" x 12.88" | 42          | 25 lbs. |
| E5005TLT | 022315363649 | 12.75" x 10" x 12.88" | 42          | 33 lbs. |



Operates in 14" basins and larger.

Check valve replacement recommended

**115V AC 1 Phase**

**20' Power Cord**

**1.5" FNPT Discharge**



# Sewage Pumps

A necessity for homes with basement toilets or washing machines, sewage/effluent pumps lift waste water from the sewage basin up and into the main sewer line. The built-in impeller creates a spinning action in the water to keep solids up to 2" in diameter moving freely.

## Product Line Overview

**4/10 HP to 3/4 HP ranges**

**Stainless Steel and Cast Iron or Thermoplastic Construction**

**Handles solids up to 2" in diameter**

**All-in-one Sewage Pump System available**

**Self-contained Sewage System available**

**1-year to 5-year warranties**

## Flotec® PROFESSIONAL

We've taken the best of what contractors have asked for and developed an elite group of products that meet and exceed the requirements of any professional installer. Flotec® Professional pumps are exactly what professional contractors demand!



## **PARTS<sub>2</sub>O™** Accessories

For a complete line of effluent and sewage pump accessories see page 31.

# Thermoplastic Sewage Pump

With Tethered Switch

## Handles up to 2" Solids

Virtually clog-free discharge

## Thermoplastic Construction

For corrosion resistance

## High-Efficiency Motor

With overload protection

## Tethered Float Switch

Piggyback controls allow for manual operation



**4/10 HP** 5250 GPH  
FPSE3200A

| PERFORMANCE (GPH)                    |      |      |      |     |           | FLOAT SWITCH |      | SOLIDS HANDLING |
|--------------------------------------|------|------|------|-----|-----------|--------------|------|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15' | MAX. LIFT | ON           | OFF  |                 |
| FPSE3200A                            | 5250 | 3900 | 2550 | 960 | 18'       | 17.25"       | 9.5" | 2"              |

| MODEL     | WARRANTY | UPC          | CARTON DIMENSIONS      | PALLET QTY. | WEIGHT  |
|-----------|----------|--------------|------------------------|-------------|---------|
| FPSE3200A | 1 YEAR   | 022315102019 | 10.25" x 7.25" x 16.5" | 50          | 12 LBS. |

Includes:

2" discharge (meets standard code approvals),  
8' power cord for easy installation

Check valve replacement recommended



Operates in 18" basins and larger.

# Stainless Steel/Thermoplastic Sewage Pump

**With Tethered Switch**

## High-Output Performance

High-efficiency PSC technology  
saves operating costs

## Rugged Stainless Steel Construction

Corrosion-resistant for  
heavy-duty applications

## Virtually Clog-Free Discharge

Handles up to 2" solids

## Tethered Float Switch

Piggyback controls allow for manual operation



**1/2 HP 9000 GPH**  
**FPSE9000**

| PERFORMANCE (GPH)                    |      |      |      |      |      |           | FLOAT SWITCH |      | SOLIDS HANDLING |
|--------------------------------------|------|------|------|------|------|-----------|--------------|------|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15'  | 20'  | MAX. LIFT | ON           | OFF  |                 |
| <b>FPSE9000</b>                      | 9000 | 8400 | 6720 | 4200 | 1020 | 22'       | 14"          | 5.5" | 2"              |

| MODEL           | WARRANTY | UPC          | CARTON DIMENSIONS     | PALLET QTY. | WEIGHT    |
|-----------------|----------|--------------|-----------------------|-------------|-----------|
| <b>FPSE9000</b> | 5 YEAR   | 022315342132 | 12.2" x 10.6" x 17.4" | 24          | 20.1 LBS. |

Includes:

2" discharge (meets standard code approvals),  
10' power cord for easy installation

Check valve replacement recommended



Operates in 18" basins and larger.

# Cast Iron Sewage Pump

**With Tethered Switch**

## High-Output Performance

Pumps up to 9000 gallons per hour

## Rugged Cast Iron Construction

For heavy-duty applications

## Clog-Free Discharge

Handles up to 2" solids

## Tethered Float Switch

Piggyback controls allow for manual operation



**1/2 HP 9000 GPH**  
**FPSE3601A**

| PERFORMANCE (GPH)                    |      |      |      |      |           | FLOAT SWITCH |      | SOLIDS HANDLING |
|--------------------------------------|------|------|------|------|-----------|--------------|------|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15'  | MAX. LIFT | ON           | OFF  |                 |
| <b>FPSE3601A</b>                     | 9000 | 7320 | 5400 | 2700 | 18'       | 16.5"        | 7.5" | 2"              |

| MODEL            | WARRANTY | UPC          | CARTON DIMENSIONS       | PALLET QTY. | WEIGHT    |
|------------------|----------|--------------|-------------------------|-------------|-----------|
| <b>FPSE3601A</b> | 3 YEAR   | 022315100350 | 10.56" x 9.19" x 17.06" | 32          | 36.3 LBS. |

Includes:

2" discharge (meets standard code approvals),  
10' power cord for easy installation,

Check valve replacement recommended



Operates in 18" basins and larger.

Cast Iron  
**Sewage Pump**

With Tethered Switch



- Rugged Construction
- High-Efficiency PSC Motor
- Handles Up To 2" Solids
- 5-Year Warranty



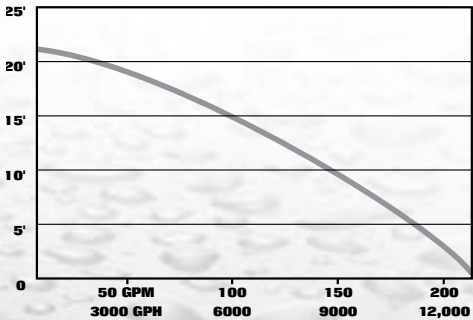
**225 GPM** 13,500 GPH

MODEL  
E75STVT

**3/4 HP**

| PERFORMANCE (GPM/GPH)                |               |               |              |             |            |           | FLOAT SWITCH |      | SOLIDS HANDLING |
|--------------------------------------|---------------|---------------|--------------|-------------|------------|-----------|--------------|------|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'            | 5'            | 10'          | 15'         | 20'        | MAX. LIFT | ON           | OFF  |                 |
| E75STVT                              | 225<br>13,500 | 190<br>11,400 | 153<br>9,180 | 105<br>6300 | 40<br>2400 | 22'       | 16.5"        | 7.5" | 2"              |

| MODEL   | UPC          | CARTON DIMENSIONS     | PALLET QTY. | WEIGHT    |
|---------|--------------|-----------------------|-------------|-----------|
| E75STVT | 022315342187 | 11.4" x 10.4" x 16.4" | 32          | 50.5 lbs. |



Operates in 18" basins and larger.

Check valve replacement recommended

- 115V AC 1 Phase
- 10' Power Cord
- 2" FNPT Discharge

Complete

# Sewage Pump System

With 4/10 HP Sewage Pump

**All-in-One System**

Includes basin, lid cover, check valve and pump

**Virtually Clog-Free Discharge**

Handles up to 2" solids

**Thermoplastic Construction**

For corrosion resistance



**4/10 HP** 5250 GPH  
FP400C

| PERFORMANCE (GPH)                    |      |      |      |     |           | FLOAT SWITCH |      | SOLIDS HANDLING |
|--------------------------------------|------|------|------|-----|-----------|--------------|------|-----------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15' | MAX. LIFT | ON           | OFF  |                 |
| FP400C                               | 5250 | 3900 | 2550 | 960 | 18'       | 17.25"       | 9.5" | 2"              |

| MODEL  | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT     |
|--------|----------|--------------|-------------------|-------------|------------|
| FP400C | 1 YEAR   | 022315137271 | 18" x 30" x 18"   | 4           | 29.75 LBS. |

Includes:

2" discharge (meets standard code approvals), 8' power cord, and check valve.





Effluent and Sewage Pump Accessories

|                                         |              |
|-----------------------------------------|--------------|
| 2" in-line heavy-duty check valve       | FPW212-4-P2  |
| 2" in-line check valve                  | FP212-257-P2 |
| 18" Sewage Basin                        | FPW73-15-P2  |
| 18" Sewage Basin Lid                    | FPW73-17-P2  |
| 18" Gas Tight Sump/<br>Sewage Basin Lid | FPW73-25-P2* |

\*Not shown



FP212-257-P2



FPW212-4-P2



FPW73-15-P2

FPW73-17-P2



# Flotec®

## Utility Pumps

In an emergency, a utility pump is the pump you need to have on hand. Perfect for removing water from window wells, rooftops, flooded areas or for draining sinks, aquariums and water beds. Utility pumps excel at moving water quickly and efficiently from place to place.

### Product Line Overview

**1/6 HP to 6-1/2 HP ranges**

**Cast Aluminum, Stainless Steel and Thermoplastic Construction**

**Submersible and non-submersible products**

**Portable transfer products**

**Garden waterfall pumps**

**Gas engine pumps**



### **PARTS<sub>2</sub>O™** Accessories

For a complete line of utility pump accessories see page 46.

# Thermoplastic Utility Pump

## Submersible

### General Purpose Pump

For removing unwanted water to 3/16" depth

### Thermoplastic Construction

For the highest corrosion-resistance

### Portable and Versatile

Use where unwanted water collects

### 8' Power Cord Included



**1/6 HP** 1200 GPH  
FP0S1250X

| PERFORMANCE (GPH)                    |      |      |     |     |           | DRAWDOWN | DISCHARGE SIZE | HP  |
|--------------------------------------|------|------|-----|-----|-----------|----------|----------------|-----|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10' | 15' | MAX. LIFT |          |                |     |
| FP0S1250X                            | 1200 | 1140 | 840 | 480 | 20'       | 3/16"    | 1"             | 1/6 |

| MODEL     | WARRANTY | UPC          | CARTON DIMENSIONS    | PALLET QTY. | WEIGHT   |
|-----------|----------|--------------|----------------------|-------------|----------|
| FP0S1250X | 1 YEAR   | 022315100015 | 6.5" x 6.5" x 10.25" | 168         | 5.9 LBS. |

Includes: 8' power cord, garden hose adapter



# Cast Aluminum Utility Pump

Submersible

**Heavy-Duty Construction**

Epoxy-coated, cast aluminum housing

**Extra-Large 1-1/4" Discharge**

**Easy, Portable Operation**

Attach 5/8" garden hose then just plug in.

**Multi-Purpose Pump**

For basements, rooftops, window wells or any flooded area



**1/4 HP** 1320 GPH  
FPSC1725X

| PERFORMANCE (GPH)                    |      |      |      |     |     |           | DRAWDOWN | DISCHARGE SIZE | HP  |
|--------------------------------------|------|------|------|-----|-----|-----------|----------|----------------|-----|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15' | 20' | MAX. LIFT |          |                |     |
| FPSC1725X                            | 1320 | 1170 | 1020 | 810 | 510 | 25'       | 1/8"     | 1-1/4"         | 1/4 |

| MODEL     | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT   |
|-----------|----------|--------------|-------------------|-------------|----------|
| FPSC1725X | 3 YEAR   | 022315171855 | 7" x 7" x 10"     | 90          | 9.5 LBS. |

Includes: 8' power cord, garden hose adapter



# Thermoplastic Utility Pumps

## Submersible

### General Purpose Pump

For removing unwanted water  
down to 3/16" depth

### Thermoplastic Construction

For the highest corrosion-resistance

### Portable and Versatile

Use in window wells, basements, rooftops, etc.

### Removable Inlet Screen

For easy cleaning



**1/6 HP** 1470 GPH  
FP0S1300X

**1/4 HP** 1800 GPH  
FP0S1600X

| PERFORMANCE (GPH)                          |      |      |      |     |     |              | DRAWDOWN | DISCHARGE<br>SIZE | HP  |
|--------------------------------------------|------|------|------|-----|-----|--------------|----------|-------------------|-----|
| DISCHARGE<br>HEIGHT ABOVE<br>PUMPING LEVEL | 0'   | 5'   | 10'  | 15' | 20' | MAX.<br>LIFT |          |                   |     |
| FP0S1300X                                  | 1470 | 1250 | 930  | 660 | —   | 20'          | 3/16"    | 1"                | 1/6 |
| FP0S1600X                                  | 1800 | 1524 | 1260 | 924 | 372 | 22'          | 3/16"    | 1"                | 1/4 |

| MODEL     | WARRANTY | UPC          | CARTON DIMENSIONS   | PALLET QTY. | WEIGHT   |
|-----------|----------|--------------|---------------------|-------------|----------|
| FP0S1300X | 1 YEAR   | 022315100022 | 6.5" x 6.5" x 9.88" | 168         | 6.4 LBS. |
| FP0S1600X | 1 YEAR   | 022315138230 | 6.5" x 6.5" x 9.88" | 168         | 7.4 LBS. |

Includes: 8' power cord, garden hose adapter



**Thermoplastic**

# Utility Pump

**Automatic Operation**

## Automatically Checks for Water

Detects water at 3/4" and pumps down to 1/4"

## Innovative Electronic Monitoring

Pump starts every 2-1/2 minutes to check for water.  
Shuts off if water is not detected

## Easy, Portable Operation

Attach 5/8" garden hose then just plug in.

## Wide Range of Applications

For basements, rooftops, window wells or any regularly flooded area



## Water Sensor

**Automatically Checks for Water**

**1/4 HP 1800 GPH**  
**FP0S1775A**

| PERFORMANCE (GPH)                    |      |      |      |     |     |           | DRAWDOWN | DISCHARGE SIZE | HP  |
|--------------------------------------|------|------|------|-----|-----|-----------|----------|----------------|-----|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15' | 20' | MAX. LIFT |          |                |     |
| FP0S1775A                            | 1800 | 1524 | 1260 | 924 | 372 | 22'       | 3/16"    | 1"             | 1/4 |

| MODEL     | WARRANTY | UPC          | CARTON DIMENSIONS      | PALLET QTY. | WEIGHT    |
|-----------|----------|--------------|------------------------|-------------|-----------|
| FP0S1775A | 2 YEAR   | 022315170315 | 8.31" x 6.25" x 12.13" | 108         | 8.25 LBS. |

Includes: 15' power cord, garden hose adapter



# Utility Pumps

## Submersible

### General Purpose Pump

For removing unwanted water down to 3/16" depth

### Thermoplastic Construction

Resists corrosion

### Zinc Motor Housing

Dissipates heat quickly and extends motor life

### Stainless Steel Fasteners and Hardware

Superior quality



**1 / 4 HP** 2200 GPH  
FP0S2600X

| PERFORMANCE (GPH)                    |       |       |       |       |     |           | DRAWDOWN | DISCHARGE SIZE | HP   |
|--------------------------------------|-------|-------|-------|-------|-----|-----------|----------|----------------|------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'    | 5'    | 10'   | 15'   | 20' | MAX. LIFT |          |                |      |
| FP0S2600X                            | 2,200 | 1,890 | 1,530 | 1,080 | 480 | 22'       | 3/16"    | 1"             | 1/4" |

| MODEL     | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT   |
|-----------|----------|--------------|-------------------|-------------|----------|
| FP0S2600X | 1 YEAR   | 022315378131 | 6.5 x 6.5 x 10.25 | 168         | 5.9 LBS. |

Includes: 8' power cord, garden hose adapter

# All-in-One Pump Kit

## Stow & Flo™

### Easy to use, easy to store

Includes convenient storage crate

### A must-have for emergency situations

Save time and money when unexpected flooding happens

### Perfect tool for everyday draining tasks

Great for many uses around your home and garden

### Durable crate filters large debris

Versatile kit for large or small jobs



\* Compared to average 1/2" garden hose

#### Save Time with High Volume Output

|                                                                                     |                                                     |                         |                                                                                     |
|-------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------|
|   | <b>20 x 20 Flooded Basement with 1 ft. of Water</b> |                         |                                                                                     |
|                                                                                     | <b>STOW &amp; FLO</b>                               | <b>1/2" Garden Hose</b> |                                                                                     |
|                                                                                     | <b>4 HRS</b>                                        | <b>12 HRS</b>           |                                                                                     |
|  | <b>400 Gallon Hot Tub</b>                           |                         |  |
|                                                                                     | <b>3X faster</b>                                    |                         |                                                                                     |
|                                                                                     | <b>STOW &amp; FLO</b>                               | <b>1/2" Garden Hose</b> |                                                                                     |
|                                                                                     | <b>30 MIN</b>                                       | <b>90 MIN</b>           |                                                                                     |

## 1/4 HP 2200 GPH FP0S2600RP

| PERFORMANCE (GPH)                    |       |       |       |       |     |           | DRAWDOWN | DISCHARGE SIZE | HP  |
|--------------------------------------|-------|-------|-------|-------|-----|-----------|----------|----------------|-----|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'    | 5'    | 10'   | 15'   | 20' | MAX. LIFT |          |                |     |
| FP0S2600RP                           | 2,200 | 1,890 | 1,530 | 1,080 | 480 | 22'       | 3/16"    | 1"             | 1/4 |

| MODEL      | WARRANTY | UPC          | CARTON DIMENSIONS         | PALLET QTY. | WEIGHT  |
|------------|----------|--------------|---------------------------|-------------|---------|
| FP0S2600RP | 1 YEAR   | 022315368446 | 13.125" x 13.125" x 11.2" | 36          | 23 LBS. |

Includes: 1/4 HP utility pump, 18' high output discharge hose, storage/filter crate, hose adapter, 8' power cord

# Thermoplastic Utility/ Waterfall Pump

## Submersible

### High-Output Performance

Pumps up to 3000 gallons per hour

### Thermoplastic Construction

Designed for years of trouble-free operation

### Oil-Free Motor

Safe for fish and plants



**4/10 HP** 3000 GPH  
FP0S3000X

| PERFORMANCE (GPH)                    |      |      |      |      |     |           | DRAWDOWN | DISCHARGE SIZE | HP   |
|--------------------------------------|------|------|------|------|-----|-----------|----------|----------------|------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15'  | 20' | MAX. LIFT |          |                |      |
| FP0S3000X                            | 3000 | 2500 | 1900 | 1320 | 750 | 25'       | 7/16"    | 1-1/4"         | 4/10 |

| MODEL     | WARRANTY | UPC          | CARTON DIMENSIONS   | PALLET QTY. | WEIGHT   |
|-----------|----------|--------------|---------------------|-------------|----------|
| FP0S3000X | 1 YEAR   | 022315164819 | 6.7" x 6.7" x 12.2" | 90          | 8.4 LBS. |

#### Includes:

Three discharge fittings: 1/2", 3/4" and 1" barbed hose, 1" reducer, garden hose adapter, 15' power cord



# Stainless Steel Utility/ Waterfall Pump

## Submersible

### Superior Performance

Pumps up to 4100 gallons per hour

### Complete Stainless Steel Construction

For superior corrosion-resistance

### Oil-Free Motor

Safe for fish and plants

### Dual Ball-Bearing Design

Quiet, durable and long-lasting



**1/2 HP 4100 GPH**  
**FP0S4100X**

| PERFORMANCE (GPH)                    |      |      |      |      |      |     |           | DRAWDOWN | DISCHARGE SIZE | HP  |
|--------------------------------------|------|------|------|------|------|-----|-----------|----------|----------------|-----|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'   | 5'   | 10'  | 15'  | 20'  | 25' | MAX. LIFT |          |                |     |
| FP0S4100X                            | 4100 | 3600 | 3000 | 2400 | 1650 | 900 | 30'       | 1-3/8"   | 1-1/4"         | 1/2 |

| MODEL     | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT    |
|-----------|----------|--------------|-------------------|-------------|-----------|
| FP0S4100X | 2 YEAR   | 022315164826 | 7" x 6.8" x 14"   | 48          | 16.8 LBS. |

Includes:

Stainless steel impeller, 15' power cord,  
1-1/4" x 1" NPT adapter, garden hose adapter



# Transfer Utility Pumps

AC or DC Operation

## Multi-Purpose Pumps

For emergency dewatering, waterbeds, clogged sinks, aquariums and boat bottoms

## Compact and Portable

Easy setup, easy to use

## PUD-L-SCOOP® Attachment

Pumps water down to 1/8"

## Corrosion-Resistant

Thermoplastic impeller housing



**1/12 HP** 115V AC 350 GPH  
FP0F360AC

**1/12 HP** 12V DC 450 GPH  
FP0FDC

| PERFORMANCE (GPH)                    |     |     |     |     |     |     |              | SUCTION SIZE     | DISCHARGE SIZE   |
|--------------------------------------|-----|-----|-----|-----|-----|-----|--------------|------------------|------------------|
| DISCHARGE HEIGHT ABOVE PUMPING LEVEL | 0'  | 5'  | 10' | 20' | 30' | 40' | MAXIMUM LIFT |                  |                  |
| <b>FP0F360AC</b>                     | 350 | 330 | 300 | 240 | 145 | 62  | 43'          | 3/4" garden hose | 3/4" garden hose |
| <b>FP0FDC</b>                        | 450 | 435 | 390 | 300 | 225 | 130 | 45'          |                  |                  |

| MODEL            | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT    |
|------------------|----------|--------------|-------------------|-------------|-----------|
| <b>FP0F360AC</b> | 90 DAY   | 022315100169 | 6.5" x 6.5" x 11" | 168         | 6.4 LBS.  |
| <b>FP0FDC</b>    | 90 DAY   | 022315357716 | 6.5" x 6.5" x 11" | 168         | 8.21 LBS. |

Includes: 6' hose, PUD-L-SCOOP® suction attachment, FP0F360AC – 6' cord; FP0FDC – 9'5" battery leads



# Transfer Utility Pump

Portable

## Water Transfer/ Pressure Booster

Use as a water transfer, pressure booster or portable sprinkler pump

## Thermoplastic Construction

For the highest corrosion-resistance

## Increase Water Pressure

For washing vehicles, equipment, sprinkling and more

## Sprinkler Pump Operation

Transfer surface water from natural sources for landscape irrigation



**1/2 HP    10.3 GPM**  
**FP5112**

| PERFORMANCE (GPM)                          |      |     |     |     |     |     |              |             | SUCTION<br>SIZE | DISCHARGE<br>SIZE |
|--------------------------------------------|------|-----|-----|-----|-----|-----|--------------|-------------|-----------------|-------------------|
| DISCHARGE<br>HEIGHT ABOVE<br>PUMPING LEVEL | 0'   | 5'  | 10' | 15' | 20' | 25' | MAX.<br>LIFT | MAX.<br>PSI |                 |                   |
| <b>FP5112</b>                              | 10.3 | 6.1 | 5.1 | 4.2 | 3.9 | 3   | 26'          | 62          | 1"              | 1"                |

| WARRANTY | UPC          | CARTON DIMENSIONS    | PALLET QTY. | WEIGHT    |
|----------|--------------|----------------------|-------------|-----------|
| 1 YEAR   | 022315138315 | 8.5" x 14.5" x 11.2" | 30          | 16.8 LBS. |



Includes: 6' power cord, garden hose adapters, 1" threaded suction and discharge

# Heating/Cooling System Condensate Pumps

## Ideal for Furnace or Air Conditioner

Automatic, maintenance-free operation

## Safety Switch

Provides automatic shutoff

## Corrosion-Resistant Construction

Designed for years of trouble-free operation

## 20' Tubing Kit Included

For quick, easy installation  
(FPCP-20ULST only)



**2 QT** 120 GPH  
FPCP-15ULS

**2 QT** 120 GPH  
FPCP-20ULST

| PERFORMANCE (GPH)                          |     |    |     |     |                 |
|--------------------------------------------|-----|----|-----|-----|-----------------|
| DISCHARGE<br>HEIGHT ABOVE<br>PUMPING LEVEL | 0'  | 5' | 10' | 15' | MAXIMUM<br>LIFT |
| FPCP-15ULS                                 | 120 | 90 | 65  | 0t  | 15'             |
| FPCP-20ULST                                |     |    |     |     |                 |

| MODEL       | WARRANTY | UPC          | CARTON DIMS.          | PALLET<br>QTY. | WEIGHT   |
|-------------|----------|--------------|-----------------------|----------------|----------|
| FPCP-15ULS  | 1 YEAR   | 022315164949 | 10.5" x 5.54" x 5.25" | 196            | 4 LBS.   |
| FPCP-20ULST | 2 YEAR   | 022315164932 | 10.5" x 8.54" x 5.25" | 140            | 4.9 LBS. |

Includes: 6' power cord, (20' 3/8" I.D. tubing with FPCP-20ULST only)



# Gas-Powered HydroBlaster®

## High-Volume Utility Pump

### Typical Application

Excellent for floodwater removal and remote irrigation where water lines and electricity are not available

### Easy Portability

Portable unit with rugged carrying handle for water transfer in remote locations

### Heavy-Duty Gas Engine Motor

With automatic low-oil safety cutoff, manual throttle choke and engine shutoff controls



**6.5 HP** 144 GPM  
FP5455

| PERFORMANCE                           |                                                   |     |     |    |    |         | SUCTION<br>SIZE | DISCHARGE<br>SIZE |
|---------------------------------------|---------------------------------------------------|-----|-----|----|----|---------|-----------------|-------------------|
| DISTANCE<br>TO PUMP<br>ABOVE<br>WATER | GALLONS PER MINUTE AT DISCHARGE<br>PRESSURE (PSI) |     |     |    |    | MAX PSI |                 |                   |
|                                       | 15                                                | 25  | 35  | 45 | 50 |         |                 |                   |
| 0'                                    | -                                                 | 135 | 106 | 72 | 49 | 59      | 2"              | 2"                |
| 5'                                    | 144                                               | 132 | 96  | 63 | 40 | 57      |                 |                   |
| 10'                                   | 142                                               | 124 | 92  | 52 | 35 | 55      |                 |                   |
| 15'                                   | 139                                               | 117 | 84  | 42 | 22 | 52      |                 |                   |
| 20'                                   | 136                                               | 110 | 78  | 36 | 4  | 50      |                 |                   |
| 25'                                   | 133                                               | 103 | 68  | 28 | -  | 48      |                 |                   |

| WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT    |
|----------|--------------|-------------------|-------------|-----------|
| 1 YEAR   | 022315313941 | 21" x 14.5" x 18" | 12          | 48.9 LBS. |



**Utility Pump Accessories**

|                              |              |
|------------------------------|--------------|
| Drill Pump                   | FPDMP21SA-P2 |
| Drill Pump & Hose Kit        | FPDMP21HC-P2 |
| 2" Heavy-Duty Discharge Hose | FP2731-P2    |
| 2" Reinforced Suction Hose   | FP2735-P2    |
| High-Pressure Hose           | FPBPH-P2     |
| High-Pressure Spray Nozzle   | FPBPN-P2     |
| Universal Hose Kit           | FP0012-6U-P2 |
| Universal Hose Kit Adapter   | FP125A-P2*   |

**Garden Hose Adapters**

|                                    |            |
|------------------------------------|------------|
| 3/4" Male GHT to 1" Male NPT       | FP13-43-P2 |
| 3/4" Male GHT to 1-1/4" Male NPT   | HA5-P2     |
| 3/4" Male GHT to 1-1/4" Female NPT | HA6-P2     |

\*Not shown



FPDMP21SA-P2



FPDMP21HC-P2



HA5-P2



FP2735-P2



FP2731-P2



HA6-P2



FPBPH-P2



FPBPN-P2



FP0012-6U-P2

# Flotec®

## Pool Pumps

Whether you are circulating water for an in-ground or above-ground pool, Flotec has the right product for you. Our corrosion-resistant pool pumps are constructed of rugged, heavy-duty fiberglass-reinforced thermoplastic to stand up to seasonal changes.

### Product Line Overview

**Thermoplastic Pool Pumps from  
1 HP to 1-1/2 HP**

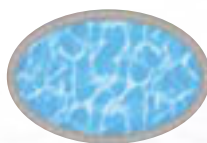
### Calculate Your Pool Size



3.14  
x 1/2 Diameter  
x 1/2 Diameter  
x Average Depth  
x 7.5\*  
= Total Capacity  
in Gallons



Length  
x Width  
x Average Depth  
= Cubic feet  
x 7.5\*  
= Total Capacity  
in Gallons



Length  
x Width  
x Average Depth  
= Cubic feet  
x 7.5\*  
= Total Capacity  
in Gallons

\* The factor for determining the number of gallons in a cubic foot.



### PARTS<sub>2</sub>O™ Accessories

Union Package, 2" NPT x 2" NPT

AT741603

Union Package, 2" NPT x 1-1/2" Slip

77703-0101



# In-Ground & Above-Ground Pool Pumps

Save up to  
**\$300** PER YEAR  
in energy costs.\*

## High Performance

Designed to move large amounts of water

## Quiet Operation

Specially designed base dampens sound and vibration

## Low Maintenance

Extra-large capacity trap with see-through lid

## Easy Installation

Includes quick connect union

## Easy-Open Drain Plug

Makes for tool-free winterizing and service

## 1-Year Warranty



### TWO SPEED\*\* (230 V ONLY)

**1-1/2 HP** UP TO 52,800 GAL  
FPT20515

**1 HP** UP TO 43,200 GAL  
FPT20510

### SINGLE SPEED (115/230 V)

**1-1/2 HP** UP TO 52,800 GAL  
AT251501

**1 HP** UP TO 43,200 GAL  
AT251001

| PERFORMANCE (GPM)                 |               |       |             |                                      |     |     |     |     |     | SLIP FIT PIPE SIZE |        | CARTON DIMS.<br>(IN INCHES)  | WEIGHT  |
|-----------------------------------|---------------|-------|-------------|--------------------------------------|-----|-----|-----|-----|-----|--------------------|--------|------------------------------|---------|
| MODEL/UPC                         | MOTOR VOLTAGE | HP    | MOTOR SPEED | DISCHARGE HEIGHT ABOVE PUMPING LEVEL |     |     |     |     |     |                    |        |                              |         |
|                                   |               |       |             | 35'                                  | 40' | 45' | 50' | 55' | 60' | SUCTION            | DISCH. |                              |         |
| TWO SPEED** 1 HP (230 V ONLY)     |               |       |             |                                      |     |     |     |     |     |                    |        |                              |         |
| FPT20510<br>022315367159          | 230           | 1     | HIGH        | 70                                   | 60  | 48  | 33  | 10  | –   | 1-1/2"             | 1-1/2" | 27" x 13" x 16"<br>18/PALLET | 39 LBS. |
|                                   |               | 1/6   | LOW         | 48                                   | 33  | –   | –   | –   | –   |                    |        |                              |         |
| TWO SPEED** 1-1/2 HP (230 V ONLY) |               |       |             |                                      |     |     |     |     |     |                    |        |                              |         |
| FPT20515<br>022315367166          | 230           | 1-1/2 | HIGH        | 85                                   | 80  | 70  | 60  | 50  | 35  | 1-1/2"             | 1-1/2" | 27" x 13" x 16"<br>18/PALLET | 39 LBS. |
|                                   |               | 1/4   | LOW         | 50                                   | 40  | 20  | –   | –   | –   |                    |        |                              |         |

| PERFORMANCE (GPM)         |               |       |                           |                                      |     |     |     |     |     | SLIP FIT PIPE SIZE |        | CARTON DIMS.<br>(IN INCHES) | WEIGHT  |
|---------------------------|---------------|-------|---------------------------|--------------------------------------|-----|-----|-----|-----|-----|--------------------|--------|-----------------------------|---------|
| MODEL/UPC                 | MOTOR VOLTAGE | HP    | FOR POOLS UP TO<br>(GAL.) | DISCHARGE HEIGHT ABOVE PUMPING LEVEL |     |     |     |     |     |                    |        |                             |         |
|                           |               |       |                           | 35'                                  | 40' | 45' | 50' | 55' | 60' | SUCTION            | DISCH. |                             |         |
| AT251001<br>0223151207226 | 115/230       | 1     | 43,200                    | 86                                   | 80  | 69  | 60  | 50  | -   | 1-1/2"             | 1-1/2" | 27 x 13 x 16<br>18/PALLET   | 39 LBS. |
| AT251501<br>022315207233  | 115/230       | 1-1/2 | 52,800                    | 112                                  | 107 | 99  | 90  | 81  | 72  | 1-1/2"             | 1-1/2" | 27 x 13 x 16<br>18/PALLET   | 39 LBS. |

\*Models FPT20515 and FPT20510 only. Savings assumes 12 month operation of the pump and is compared to a single speed motor pump of the same size, for a 22,000 gallon pool running 7 hours a day, at an average electrical rate of \$0.20/kWh. To achieve the savings, a complete system with a timer is required. Actual savings may vary based on pump model, hours of operation, electrical rate and pool plumbing and configuration.

\*\*For 2-speed operation, a 2-speed controller/timer is needed. Sold separately. Contact local pool dealer.



Models FPT20515 and FPT20510: Meets residential pool pump two-speed motor requirements for California Title 20 and Florida HB7135 energy compliant systems



# Sprinkler & Centrifugal Pumps

When irrigating your lawn or moving large volumes of water, Flotec has the right product for you. Our corrosion-resistant sprinkler pumps are constructed of rugged, heavy-duty fiberglass-reinforced thermoplastic or rugged cast iron to stand up to seasonal changes.

## Sprinkler Applications

Sprinkler systems that have single/multiple zones with more than 2-3 heads per zone, requiring greater than 20 gallons per minute. Movement of large volumes of water from water source to place of use.

## Centrifugal Applications

Economical, general purpose centrifugal pumps can be used for water transfer, circulation, fountains, waterfalls, pressure boosting and sprinkling.

## Product Line Overview

**Cast iron and thermoplastic pumps available**

**Cast iron centrifugal pumps  
from 1/2 HP to 2 HP**

**1-year warranty on pumps**

## **PARTS<sub>2</sub>O™** Accessories

For a complete line of well pump and tank accessories see pages 77-80.



# Thermoplastic Sprinkler Pumps

## Superior Performance

At depths to water of 20' or less

## Fiberglass-Reinforced Thermoplastic Pump Housing

For the highest corrosion resistance

## High Capacity

Ideal for larger sprinkler zones or water transfer with 1-1/2" or 2" tapping for suction and discharge

## Heavy-Duty Dual-Voltage Motor

Preset at 230V

## Self-Priming After Pump Housing Is Initially Filled

Check valve or foot valve required, sold separately

Includes:  
Threaded ports for pressure gauge and drain plug



**1 HP** 55 GPM  
FP5162

**1-1/2 HP** 67 GPM  
FP5172

**2 HP** 69 GPM  
FP5182

| PERFORMANCE (GPM)      |       |         |                                 |                          |    |    |    |    |    |    |    | NPT PIPE SIZE |        | WARRANTY | CARTON DIMS.<br>(IN INCHES) | WT.<br>(LBS.)                            |      |
|------------------------|-------|---------|---------------------------------|--------------------------|----|----|----|----|----|----|----|---------------|--------|----------|-----------------------------|------------------------------------------|------|
| MODEL/UPC              | HP    | VOLTS   | DISTANCE OF PUMP<br>ABOVE WATER | DISCHARGE PRESSURE (PSI) |    |    |    |    |    |    |    | SUCTION       | DISCH. |          |                             |                                          |      |
|                        |       |         |                                 | 10                       | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50            |        |          |                             |                                          |      |
| FP5162<br>022315100701 | 1     | 230/115 | 5'                              | 55                       | 51 | 45 | 38 | 31 | 23 | 17 | -  | -             | 1-1/2" | 1-1/2"   | 1 YEAR                      | 21.813 x 12.313<br>x 13.125<br>24/PALLET | 30.6 |
|                        |       |         | 10'                             | 49                       | 46 | 42 | 35 | 28 | 19 | 13 | -  | -             |        |          |                             |                                          |      |
|                        |       |         | 15'                             | 48                       | 45 | 39 | 32 | 24 | 16 | 8  | -  | -             |        |          |                             |                                          |      |
|                        |       |         | 20'                             | 45                       | 44 | 37 | 29 | 20 | 11 | -  | -  | -             |        |          |                             |                                          |      |
| FP5172<br>022315100718 | 1-1/2 | 230/115 | 5'                              | 67                       | 66 | 61 | 55 | 48 | 39 | 33 | 18 | -             | 1-1/2" | 1-1/2"   | 1 YEAR                      | 21.813 x 12.313<br>x 13.125<br>24/PALLET | 34.1 |
|                        |       |         | 10'                             | 61                       | 58 | 56 | 52 | 45 | 37 | 27 | 14 | -             |        |          |                             |                                          |      |
|                        |       |         | 15'                             | 56                       | 55 | 54 | 51 | 44 | 34 | 20 | 8  | -             |        |          |                             |                                          |      |
|                        |       |         | 20'                             | 46                       | 45 | 44 | 43 | 37 | 28 | 11 | -  | -             |        |          |                             |                                          |      |
| FP5182<br>022315100725 | 2     | 230/115 | 5'                              | 69                       | 64 | 59 | 53 | 47 | 40 | 34 | 24 | 14            | 2"     | 2"       | 1 YEAR                      | 21.563 x 12.813<br>x 15.375<br>18/PALLET | 42   |
|                        |       |         | 10'                             | 67                       | 62 | 56 | 50 | 45 | 38 | 30 | 18 | 7             |        |          |                             |                                          |      |
|                        |       |         | 15'                             | 65                       | 60 | 54 | 48 | 42 | 35 | 27 | 13 | -             |        |          |                             |                                          |      |
|                        |       |         | 20'                             | 62                       | 57 | 52 | 46 | 40 | 32 | 23 | 10 | -             |        |          |                             |                                          |      |

Performance shown in gallons per minute

# Cast Iron Sprinkler Pumps

## Rugged Pump Housing

Durable, cast iron construction

## Superior Performance

At depths to water of 25' or less

## High Capacity

Ideal for larger sprinkler zones or water transfer

## Heavy-Duty Dual-Voltage Motor

Preset at 230V

## Self-Priming After Pump Housing Is Initially Filled

Check valve or foot valve required, sold separately

## Drain Port Provided

For convenient winterizing



**1-1/2 HP** 55 GPM  
FP5242

**2 HP** 64 GPM  
FP5252

| PERFORMANCE (GPM)      |       |         |                              |                          |    |    |    |    |    | NPT PIPE SIZE |        | WARRANTY | CARTON DIMS.<br>(IN INCHES) | WT.<br>(LBS.)                            |      |
|------------------------|-------|---------|------------------------------|--------------------------|----|----|----|----|----|---------------|--------|----------|-----------------------------|------------------------------------------|------|
| MODEL/UPC              | HP    | VOLTS   | DISTANCE OF PUMP ABOVE WATER | DISCHARGE PRESSURE (PSI) |    |    |    |    |    | SUCTION       | DISCH. |          |                             |                                          |      |
|                        |       |         |                              | 20                       | 25 | 30 | 35 | 40 | 45 | 50            |        |          |                             |                                          |      |
| FP5242<br>022315162792 | 1-1/2 | 230/115 | 5'                           | 55                       | 50 | 45 | 28 | 31 | 20 | -             | 2"     | 1-1/2"   | 1 YEAR                      | 24.063 x 17.938<br>x 13.563<br>12/PALLET | 71.4 |
|                        |       |         | 10'                          | 53                       | 47 | 42 | 34 | 27 | 16 | -             |        |          |                             |                                          |      |
|                        |       |         | 15'                          | 51                       | 45 | 39 | 30 | 22 | -  | -             |        |          |                             |                                          |      |
|                        |       |         | 20'                          | 49                       | 42 | 36 | 27 | 18 | -  | -             |        |          |                             |                                          |      |
|                        |       |         | 25'                          | 46                       | 39 | 32 | 22 | 12 | -  | -             |        |          |                             |                                          |      |
| FP5252<br>022315162808 | 2     | 230/115 | 5'                           | 64                       | 58 | 53 | 45 | 38 | 28 | 19            | 2"     | 2"       | 1 YEAR                      | 24.063 x 17.938<br>x 13.563<br>12/PALLET | 86.2 |
|                        |       |         | 10'                          | 62                       | 56 | 50 | 42 | 35 | 24 | 13            |        |          |                             |                                          |      |
|                        |       |         | 15'                          | 59                       | 53 | 47 | 39 | 31 | 20 | -             |        |          |                             |                                          |      |
|                        |       |         | 20'                          | 57                       | 50 | 44 | 35 | 26 | -  | -             |        |          |                             |                                          |      |
|                        |       |         | 25'                          | 51                       | 44 | 38 | 30 | 20 | -  | -             |        |          |                             |                                          |      |

Includes: Threaded ports for pressure gauge and drain plug

# Cast Iron Centrifugal Pumps

## Rugged Pump Housing

Durable, cast iron construction

## Superior Performance

At depths to water of 25' or less

## Heavy-Duty Dual-Voltage Motor

Preset at 230V

## Easy Installation

Discharge can be rotated to horizontal or vertical installations



**1/2 HP** 22 GPM  
FP5512

**3/4 HP** 31 GPM  
FP5522

**1 HP** 47 GPM  
FP5532

**1-1/2 HP** 59 GPM  
FP5542

**2 HP** 68 GPM  
FP5552

| PERFORMANCE (GPM)      |       |         |                          |    |    |    |    | MAX. PRESS. (PSI) | NPT PIPE SIZE |        | WARRANTY | CARTON DIMS. (IN INCHES)              | WT. (LBS.) |
|------------------------|-------|---------|--------------------------|----|----|----|----|-------------------|---------------|--------|----------|---------------------------------------|------------|
| MODEL/UPC              | HP    | VOLTS   | DISCHARGE PRESSURE (PSI) |    |    |    |    |                   | SUCTION       | DISCH. |          |                                       |            |
|                        |       |         | 25                       | 30 | 35 | 40 | 45 |                   |               |        |          |                                       |            |
| FP5512<br>022315135925 | 1/2   | 230/115 | 22                       | 13 | 2  | -  | -  | 36                | 1-1/4"        | 1"     | 1 YEAR   | 19.813 x 10.063 x 10.818<br>32/PALLET | 30.10      |
| FP5522<br>022315135932 | 3/4   | 230/115 | 31                       | 25 | 21 | 13 | -  | 43                | 1-1/4"        | 1"     | 1 YEAR   | 19.813 x 10.063 x 10.818<br>32/PALLET | 32.15      |
| FP5532<br>022315135949 | 1     | 230/115 | 47                       | 40 | 35 | 29 | 17 | 49                | 1-1/4"        | 1"     | 1 YEAR   | 19.813 x 10.063 x 10.818<br>40/PALLET | 41.2       |
| FP5542<br>022315135956 | 1-1/2 | 230/115 | 59                       | 52 | 47 | 40 | 30 | 51                | 1-1/4"        | 1"     | 1 YEAR   | 19.813 x 10.063 x 10.818<br>40/PALLET | 69         |
| FP5552<br>022315135963 | 2     | 230/115 | 68                       | 62 | 54 | 48 | 38 | 57                | 1-1/4"        | 1"     | 1 YEAR   | 19.813 x 10.063 x 10.818<br>40/PALLET | 74         |

Includes: Threaded ports for pressure gauge and drain plug

# Cast Iron • Multi-Stage High Pressure Booster Pumps

## Typical Application

When you need to boost your existing pressure by 50 to 130 PSI.  
Residential, commercial or agricultural high pressure washing.

## Stainless Steel Motor Shaft

Includes heavy-duty ball bearings, on-board thermal  
overload protection and rated for continuous duty

## Heavy-Duty Cast Iron Pump Adapter and Discharge

3/4" suction and discharge



**1/2 HP 110 PSI**  
FP5712

**3/4 HP 150 PSI**  
FP5722

**1 HP 190 PSI**  
FP5732

| PERFORMANCE (GPM)      |     |         |                          |    |    |     |      | MAX.<br>PRESSURE<br>(PSI) | NPT PIPE SIZE |        | WARRANTY | CARTON DIMS.<br>(IN INCHES)          | WT.<br>(LBS.) |
|------------------------|-----|---------|--------------------------|----|----|-----|------|---------------------------|---------------|--------|----------|--------------------------------------|---------------|
| MODEL/UPC              | HP  | VOLTS   | DISCHARGE PRESSURE (PSI) |    |    |     |      |                           | SUCTION       | DISCH. |          |                                      |               |
|                        |     |         | 50                       | 70 | 90 | 110 | 130  |                           |               |        |          |                                      |               |
| FP5712<br>022315165755 | 1/2 | 230/115 | 13                       | 11 | 7  | -   | -    | 110                       | 3/4"          | 3/4"   | 1 YEAR   | 30.063 x 9.188 x 12.563<br>18/PALLET | 38.9          |
| FP5722<br>022315165762 | 3/4 | 230/115 | -                        | 13 | 10 | 8   | -    | 150                       | 3/4"          | 3/4"   | 1 YEAR   | 30.063 x 9.188 x 12.563<br>18/PALLET | 42.9          |
| FP5732<br>022315165779 | 1   | 230/115 | -                        | -  | 13 | 12  | 10.5 | 190                       | 3/4"          | 3/4"   | 1 YEAR   | 30.063 x 9.188 x 12.563<br>18/PALLET | 48            |



# Well Pumps and Tanks

In rural areas where city water isn't available, well pumps are used to pump water from below the ground. Tanks are used to store the water, which increases the life of a pump by reducing the number of cycles and maintains water pressure throughout the home. So whether you are replacing an existing well system or installing a new one, Flotec has the pump for you.

## Product Line Overview

### Jet Pumps

- Up to 21 GPM
- Complete jet/tank pump systems available
- Cast iron or thermoplastic construction
- 1-year warranty on pumps

### Submersible Well Pumps

- 2-wire 4" subs
  - 1/2 HP - 1 HP available
  - 5' to 300' well depths
  - 3-year warranty
- 3-wire 4" subs
  - 1/2 HP - 1-1/2 HP available
  - 5' to 400' well depths
  - 3-year warranty

### Pressure Tanks

- Heavy-gauge steel tanks for maximum durability
- Factory precharged for convenience
- 5-year warranty on tanks



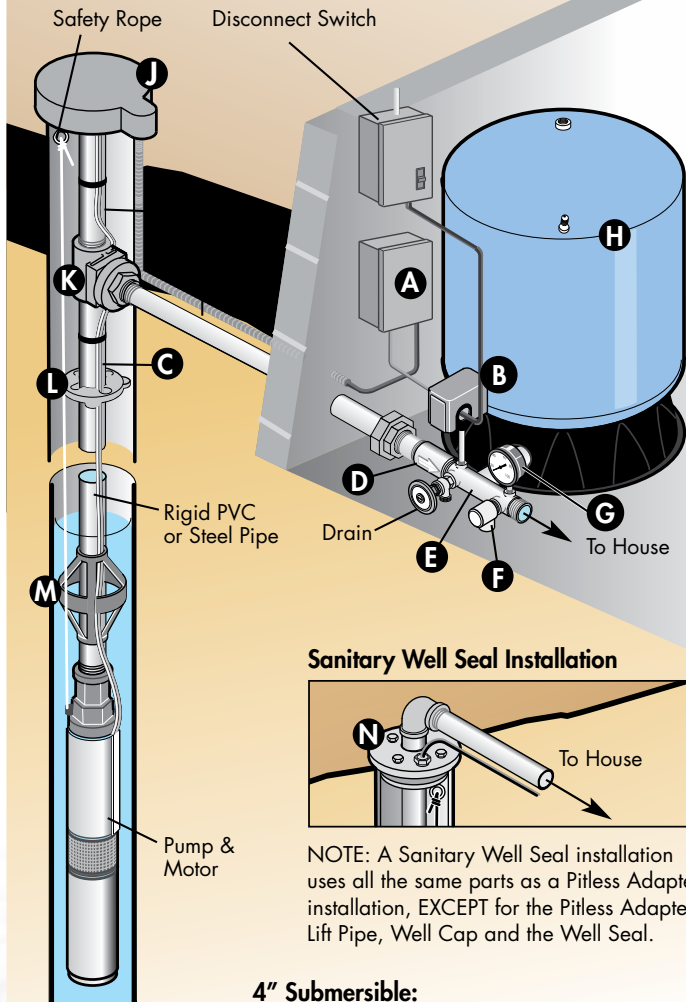
## **PARTS<sub>2</sub>O™** Accessories

For a complete line of well pump and tank accessories see pages 77-80.

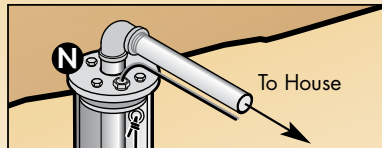
# Well Pump Application

## 4" SUBMERSIBLE

### Pitless Adapter Installation



### Sanitary Well Seal Installation

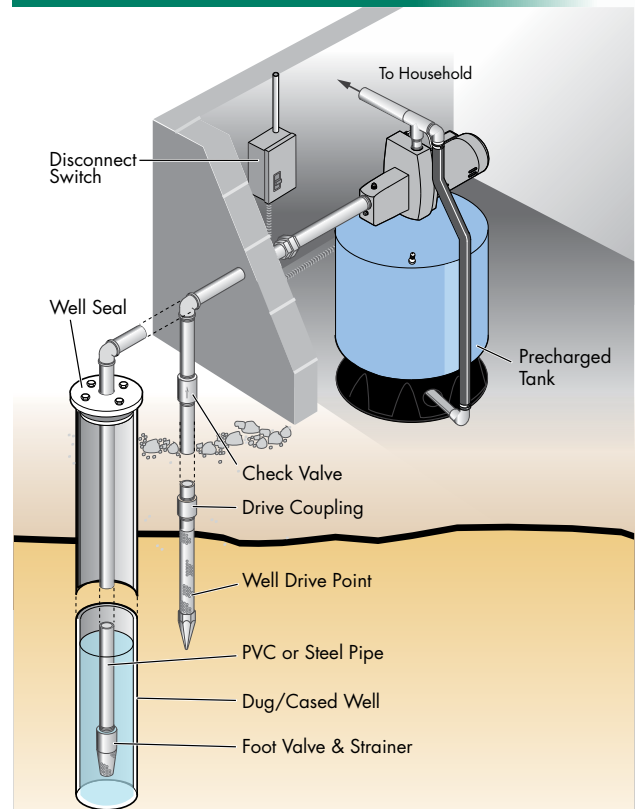


NOTE: A Sanitary Well Seal installation uses all the same parts as a Pitless Adapter installation, EXCEPT for the Pitless Adapter, Lift Pipe, Well Cap and the Well Seal.

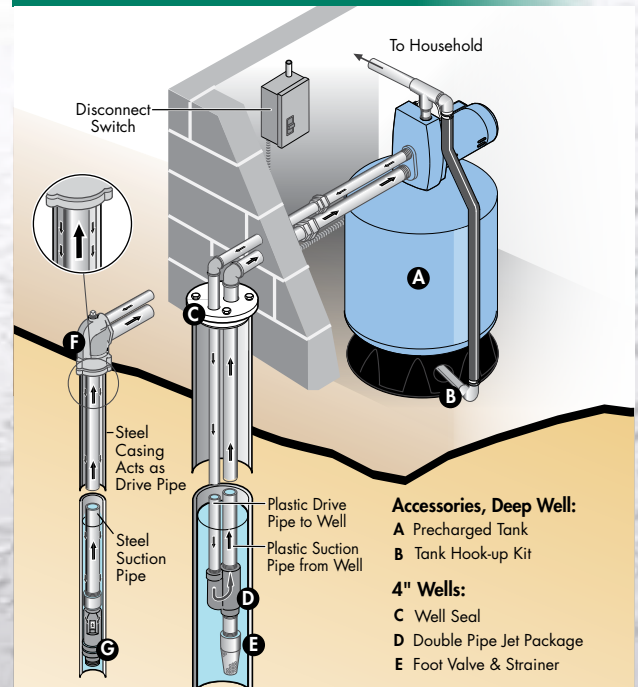
### 4" Submersible:

- |                             |                   |
|-----------------------------|-------------------|
| A 3 Wire Pump Control Box   | J Well Cap        |
| B Pressure Switch           | K Pitless Adapter |
| C Pipe                      | L Cable Protector |
| D Check Valve               | M Torque Arrestor |
| E Tank Tee                  | N Well Seal       |
| F Pressure Relief Valve     |                   |
| G Pressure Gauge            |                   |
| H Pre-charged Pressure Tank |                   |

## SHALLOW WELL



## DEEP WELL



### Accessories, Deep Well:

- |                           |
|---------------------------|
| A Pre-charged Tank        |
| B Tank Hook-up Kit        |
| 4" Wells:                 |
| C Well Seal               |
| D Double Pipe Jet Package |
| E Foot Valve & Strainer   |

### 2" Wells:

- |                                                  |
|--------------------------------------------------|
| F Casing Adapter                                 |
| G Single Pipe Jet Package w/Built-in Check Valve |

2" or 3" Single Pipe w/ Casing Adapter

4" Double Pipe w/ Well Seal

# Thermoplastic Shallow Well Jet Pumps

**With Built-in Pressure Switch**

## Superior Performance

At depths to water of 25' or less

## Fiberglass-Reinforced Thermoplastic Pump Housing

For the highest corrosion-resistance

## Heavy-Duty Dual-Voltage Motor

1/2 HP preset at 115V; 3/4 HP & 1 HP preset at 230V

## Self-Priming After Pump Housing Is Initially Filled

Check valve or foot valve required, sold separately



**1/2 HP** 8 GPM  
FP4012

**3/4 HP** 12 GPM  
FP4022

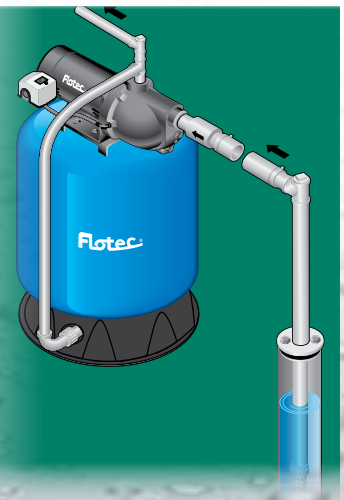
**1 HP** 18 GPM  
FP4032

| PERFORMANCE (GPM) |    |      |      |      |      |     | MAX<br>PRESSURE<br>SHUTOFF | SUCTION<br>SIZE | DISCHARGE<br>SIZE | VOLTAGE | PRESS.<br>SWITCH |     |
|-------------------|----|------|------|------|------|-----|----------------------------|-----------------|-------------------|---------|------------------|-----|
| DEPTH TO<br>WATER | 0' | 5'   | 10'  | 15'  | 20'  | 25' |                            |                 |                   |         | ON               | OFF |
| <b>FP4012</b>     | 8  | 7.4  | 6.4  | 6.1  | 5.1  | 4.0 | 77 PSI                     | 1-1/4"          | 1"                | 115/230 | 30               | 50  |
| <b>FP4022</b>     | 12 | 10.3 | 9.7  | 8.2  | 7.1  | 5.1 | 78 PSI                     |                 |                   | 115/230 | 30               | 50  |
| <b>FP4032</b>     | 18 | 16.4 | 16.1 | 14.1 | 12.0 | 8.1 | 67 PSI                     |                 |                   | 115/230 | 30               | 50  |

All performances shown in gallons per minute at 40 PSI discharge pressure.

| MODEL         | WARRANTY | UPC          | CARTON DIMENSIONS         | PALLET QTY. | WEIGHT     |
|---------------|----------|--------------|---------------------------|-------------|------------|
| <b>FP4012</b> | 1 YEAR   | 022315100572 | 22.813" x 11.063" x 10.5" | 24          | 23 LBS.    |
| <b>FP4022</b> | 1 YEAR   | 022315100589 | 22.813" x 11.063" x 10.5" | 24          | 26.9 LBS.  |
| <b>FP4032</b> | 1 YEAR   | 022315315150 | 22.813" x 11.063" x 10.5" | 24          | 29.15 LBS. |

Includes: 30/50 preset pressure switch



# Cast Iron Shallow Well Jet Pumps

With Built-in Pressure Switch

## Rugged Cast Iron Construction

For heavy-duty applications

## Reliable Performance

At depths to water of 25' or less

## Ready-to-Install Motor

Operates at 115V

## Self-Priming After Pump Housing Is Initially Filled

Check valve or foot valve required,  
sold separately

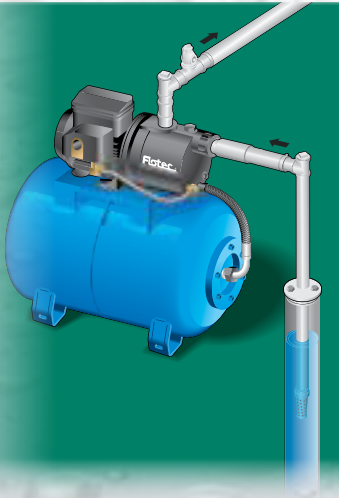


**1/2 HP 5.6 GPM**  
**FP4105**

| PERFORMANCE (GPM) |     |     |     |     |     |     | MAX<br>PRESSURE<br>SHUTOFF | SUCTION<br>SIZE | DISCHARGE<br>SIZE | VOLTAGE | PRESSURE<br>SWITCH |     |
|-------------------|-----|-----|-----|-----|-----|-----|----------------------------|-----------------|-------------------|---------|--------------------|-----|
| DEPTH TO<br>WATER | 0'  | 5'  | 10' | 15' | 20' | 25' |                            |                 |                   |         | ON                 | OFF |
| <b>FP4105</b>     | 5.6 | 5.1 | 4.5 | 4.1 | 3.5 | 3.1 | 63 PSI                     | 1"              | 1"                | 115     | 30                 | 50  |

All performances shown in gallons per minute at 40 PSI discharge pressure.

| MODEL         | WARRANTY | UPC          | CARTON DIMENSIONS    | PALLET QTY. | WEIGHT     |
|---------------|----------|--------------|----------------------|-------------|------------|
| <b>FP4105</b> | 1 YEAR   | 022315176225 | 15.200" x 9.4" x 11" | 27          | 24.25 LBS. |



Includes: 30/50 preset pressure switch

# Cast Iron Shallow Well Jet Pumps

## High-Output Performance

### Rugged Pump Housing

Durable cast iron construction

### Superior Performance

At depths to water of 25' or less

### Built-in Prewired Pressure Switch

Set for 30/50 PSI operation

### Heavy-Duty Dual Voltage Motor

1/2 HP Preset at 115V;  
3/4 HP and 1 HP preset at 230V



**1/2 HP** 8.5 GPM  
FP4155

**3/4 HP** 19 GPM  
FP4157

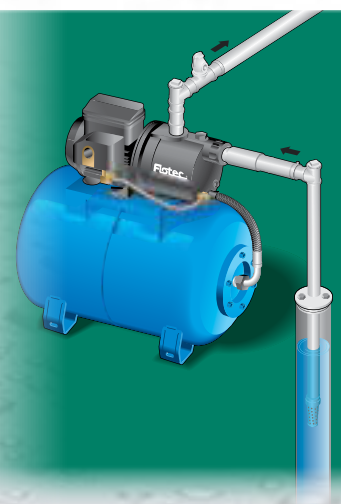
**1 HP** 21 GPM  
FP4150

| PERFORMANCE (GPM) |      |      |      |      |      |     | MAX<br>PRESSURE<br>SHUTOFF | SUCTION<br>SIZE | DISCHARGE<br>SIZE | VOLTAGE | PRESSURE<br>SWITCH |     |
|-------------------|------|------|------|------|------|-----|----------------------------|-----------------|-------------------|---------|--------------------|-----|
| DEPTH TO<br>WATER | 0'   | 5'   | 10'  | 15'  | 20'  | 25' |                            |                 |                   |         | ON                 | OFF |
| <b>FP4155</b>     | 8.5  | 7.5  | 6.5  | 6.0  | 5.0  | 3.5 | 65 PSI                     | 1-1/4"          | 1"                | 115/230 | 30                 | 50  |
| <b>FP4157</b>     | 19.0 | 16.0 | 14.0 | 13.0 | 11.0 | 7.0 | 67 PSI                     |                 |                   | 115/230 | 30                 | 50  |
| <b>FP4150</b>     | 21.0 | 20.0 | 18.0 | 16.0 | 13.0 | 9.0 | 70 PSI                     |                 |                   | 115/230 | 30                 | 50  |

All performances shown in gallons per minute at 30 PSI discharge pressure.

| MODEL         | WARRANTY | UPC          | CARTON DIMENSIONS    | PALLET QTY. | WEIGHT  |
|---------------|----------|--------------|----------------------|-------------|---------|
| <b>FP4155</b> | 1 YEAR   | 022315361669 | 19" x 10.82" x 10.5" | 48          | 38 LBS. |
| <b>FP4157</b> | 1 YEAR   | 022315361676 | 19" x 10.82" x 10.5" | 48          | 45 LBS. |
| <b>FP4150</b> | 1 YEAR   | 022315361683 | 19" x 10.82" x 10.5" | 48          | 53 LBS. |

Includes: 30/50 preset pressure switch



# Cast Iron Shallow Well Jet Pumps

With Built-in Pressure Switch

## Rugged Pump Housing

Durable cast iron construction

## Superior Performance

At depths to water of 25' or less

## Heavy-Duty Dual-Voltage Motor

1/2 HP preset at 115V

3/4 HP preset at 230V

## Self-Priming After Pump Housing Is Initially Filled

Check valve or foot valve required,  
sold separately



**1/2 HP** 8.8 GPM  
FP4112

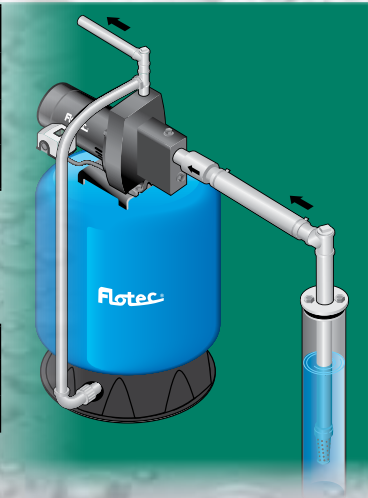
**3/4 HP** 14.7 GPM  
FP4122

| PERFORMANCE (GPM) |      |      |      |      |     |     | MAX<br>PRESSURE<br>SHUTOFF | SUCTION<br>SIZE | DISCHARGE<br>SIZE | VOLTAGE | PRESSURE<br>SWITCH |     |
|-------------------|------|------|------|------|-----|-----|----------------------------|-----------------|-------------------|---------|--------------------|-----|
| DEPTH TO<br>WATER | 0'   | 5'   | 10'  | 15'  | 20' | 25' |                            |                 |                   |         | ON                 | OFF |
| FP4112            | 8.8  | 8.5  | 7.8  | 6.8  | 5.6 | 4.6 | 69 PSI                     | 1-1/4"          | 1"                | 115/230 | 30                 | 50  |
| FP4122            | 14.7 | 14.4 | 12.8 | 11.8 | 9.4 | 7.3 | 70 PSI                     |                 |                   | 115/230 | 30                 | 50  |

All performances shown in gallons per minute at 40 PSI discharge pressure.

| MODEL  | WARRANTY | UPC          | CARTON DIMENSIONS       | PALLET QTY. | WEIGHT    |
|--------|----------|--------------|-------------------------|-------------|-----------|
| FP4112 | 1 YEAR   | 022315100602 | 21.5" x 13.44" x 10.33" | 24          | 41 LBS.   |
| FP4122 | 1 YEAR   | 022315100619 | 21.5" x 13.44" x 10.33" | 24          | 43.3 LBS. |

Includes: 30/50 preset pressure switch



# Stainless Steel Shallow Well Jet Pumps

**With Built-in Pressure Switch**

## Heavy-Duty Stainless Steel Construction

For the highest corrosion-resistance

## Superior Performance

At depths to water of 25' or less

## Heavy-Duty Dual-Voltage Motor

Preset at 230V

## Self-Priming After Pump Housing Is Initially Filled

Check valve or foot valve required, sold separately



**3/4 HP 11 GPM**  
FP4822

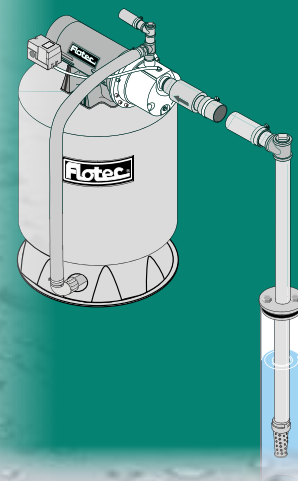
**1 HP 17.5 GPM**  
FP4832

| PERFORMANCE (GPM) |      |    |      |      |      |     | MAX<br>PRESSURE<br>SHUTOFF | SUCTION<br>SIZE | DISCHARGE<br>SIZE | VOLTAGE | PRESSURE<br>SWITCH |     |
|-------------------|------|----|------|------|------|-----|----------------------------|-----------------|-------------------|---------|--------------------|-----|
| DEPTH TO<br>WATER | 0'   | 5' | 10'  | 15'  | 20'  | 25' |                            |                 |                   |         | ON                 | OFF |
| <b>FP4822</b>     | 11   | 11 | 11   | 11   | 9    | 7   | 64 PSI                     | 1-1/4"          | 1"                | 115/230 | 30                 | 50  |
| <b>FP4832</b>     | 17.5 | 16 | 14.5 | 12.5 | 10.5 | 7.5 | 81 PSI                     |                 |                   | 115/230 | 30                 | 50  |

All performances shown in gallons per minute at 40 PSI discharge pressure.

| MODEL         | WARRANTY | UPC          | CARTON DIMENSIONS           | PALLET QTY. | WEIGHT     |
|---------------|----------|--------------|-----------------------------|-------------|------------|
| <b>FP4822</b> | 1 YEAR   | 022315160606 | 21.313" x 11.313" x 12.625" | 18          | 29.05 LBS. |
| <b>FP4832</b> | 1 YEAR   | 022315160613 | 21.313" x 11.313" x 12.625" | 18          | 33.75 LBS. |

Includes: 30/50 preset pressure switch



# Complete Jet & Tank System

## Ideal for Compact Installations

Where space is at a premium

## Superior Performance

At depths to water of 25' or less

## 19-Gallon Pressure Tank, Precharged to 25 PSI

Corrosion-resistant, heavy-gauge steel construction with baked-on finish

## Fiberglass-Reinforced Thermoplastic Pump Housing

For the highest corrosion and sand-abrasion resistance

## Heavy-Duty Dual-Voltage Motor

Preset at 230V

## Built-In Check Valve

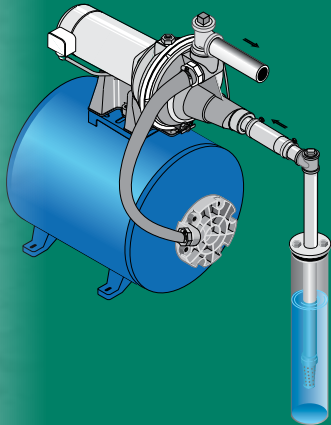


**3/4 HP** 10 GPM  
FP2521

| PERFORMANCE (GPM) |      |     |     |     | MAX<br>PRESSURE<br>SHUTOFF | SUCTION<br>SIZE | DISCHARGE<br>SIZE | VOLTAGE | PRESSURE<br>SWITCH |     |
|-------------------|------|-----|-----|-----|----------------------------|-----------------|-------------------|---------|--------------------|-----|
| DEPTH TO<br>WATER | 5'   | 10' | 15' | 20' |                            |                 |                   |         | ON                 | OFF |
| FP2521            | 10.2 | 8.7 | 7.6 | 5.8 | 70 PSI                     | 1-1/4"          | 1"                | 115/230 | 30                 | 50  |

All performances shown in gallons per minute at 40 PSI discharge pressure.

| WARRANTY | UPC          | CARTON DIMENSIONS     | PALLET QTY. | WEIGHT  |
|----------|--------------|-----------------------|-------------|---------|
| 1 YEAR   | 022315381544 | 44.25" x 17.25" x 33" | 2           | 78 LBS. |



Includes: 30/50 preset pressure switch

# Complete Jet & Tank System

## With Thermoplastic Pump

### Ideal for Compact Installations

Where space is at a premium

### Superior Performance

At depths to water of 25' or less

### Precharged Pressure Tank with 15-Gallon Equivalent Capacity

Corrosion-resistant, heavy-gauge steel construction with baked-on finish

### Fiberglass Reinforced Thermoplastic Pump Housing

For the highest corrosion and sand-abrasion resistance

### Heavy-Duty Dual-Voltage Motor

Preset at 115V



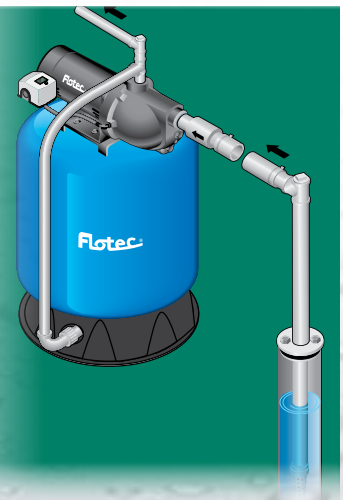
**1/2 HP** 8 GPM  
FP401215H

| PERFORMANCE (GPM) |    |     |     |     |     |     | MAX<br>PRESSURE<br>SHUTOFF | SUCTION<br>SIZE | DISCHARGE<br>SIZE | VOLTAGE | PRESS.<br>SWITCH |     |
|-------------------|----|-----|-----|-----|-----|-----|----------------------------|-----------------|-------------------|---------|------------------|-----|
| DEPTH TO<br>WATER | 0' | 5'  | 10' | 15' | 20' | 25' |                            |                 |                   |         | ON               | OFF |
| FP401215H         | 8  | 7.4 | 6.4 | 6.1 | 5.1 | 4.0 | 77 PSI                     | 1-1/4"          | 1"                | 115/230 | 30               | 50  |

All performances shown in gallons per minute at 40 PSI discharge pressure.

| WARRANTY | UPC          | CARTON DIMENSIONS           | PALLET QTY. | WEIGHT     |
|----------|--------------|-----------------------------|-------------|------------|
| 1 YEAR   | 022315101265 | 24.063" x 14.563" x 27.938" | 5           | 48.75 LBS. |

Includes: 30/50 preset pressure switch



# Complete Jet & Tank System

With Cast Iron Pump

**Ideal for Compact Installations**

Where space is at a premium

**Reliable Performance**

At depths to water of 25' or less

**Precharged Pressure Tank with 15-Gallon Equivalent Capacity**

Corrosion-resistant, heavy-gauge steel construction with baked-on finish

**Durable Construction**

Heavy-duty cast iron pump housing

**Ready-to-Install Motor**

Operates at 115V



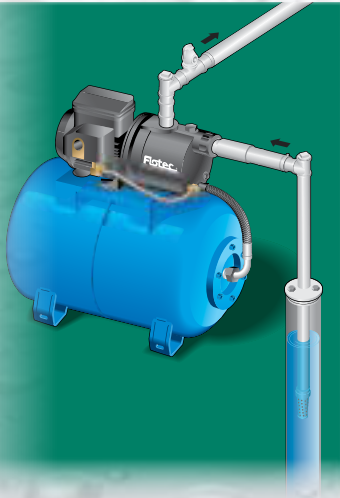
**1/2 HP**    **5.6 GPM**  
**FP410515H**

| PERFORMANCE (GPM) |     |     |     |     |     |     | MAX<br>PRESSURE<br>SHUTOFF | SUCTION<br>SIZE | DISCHARGE<br>SIZE | VOLTAGE | PRESS.<br>SWITCH |     |
|-------------------|-----|-----|-----|-----|-----|-----|----------------------------|-----------------|-------------------|---------|------------------|-----|
| DEPTH TO<br>WATER | 0'  | 5'  | 10' | 15' | 20' | 25' |                            |                 |                   |         | ON               | OFF |
| FP410515H         | 5.6 | 5.1 | 4.5 | 4.1 | 3.5 | 3.1 | 63 PSI                     | 1"              | 1"                | 115     | 30               | 50  |

All performances shown in gallons per minute at 40 PSI discharge pressure.

| WARRANTY | UPC          | CARTON DIMENSIONS    | PALLET QTY. | WEIGHT    |
|----------|--------------|----------------------|-------------|-----------|
| 1 YEAR   | 022315176232 | 20.5" x 23" x 12.25" | 18          | 36.8 LBS. |

Includes: 30/50 preset pressure switch



# Complete Jet & Tank System

**With High-Output Cast Iron Pump**

## Superior Performance

At depths to water of 25' or less

## Compact System

Complete system with all necessary connectors from pump to tank

## Heavy-Duty Dual-Voltage Motor

115/230V, Preset at 115V

## Durable Construction

Heavy-duty cast iron pump housing

## Precharged Pressure Tank with 15-Gallon Equivalent Capacity

Corrosion-resistant, heavy-gauge steel construction with baked-on finish



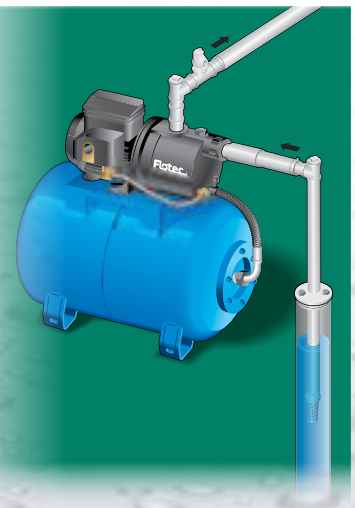
**1/2 HP 8.5 GPM**  
**FP415515H**

| PERFORMANCE (GPM) |     |     |     |     |     |     | MAX<br>PRESSURE<br>SHUTOFF | SUCTION<br>SIZE | DISCHARGE<br>SIZE | VOLTAGE | PRESS.<br>SWITCH |     |
|-------------------|-----|-----|-----|-----|-----|-----|----------------------------|-----------------|-------------------|---------|------------------|-----|
| DEPTH TO<br>WATER | 0'  | 5'  | 10' | 15' | 20' | 25' |                            |                 |                   |         | ON               | OFF |
| FP415515H         | 8.5 | 7.5 | 6.5 | 6.0 | 5.0 | 3.5 | 65 PSI                     | 1-1/4"          | 1"                | 115/230 | 30               | 50  |

All performances shown in gallons per minute at 30 PSI discharge pressure.

| WARRANTY | UPC          | CARTON DIMENSIONS     | PALLET QTY. | WEIGHT  |
|----------|--------------|-----------------------|-------------|---------|
| 1 YEAR   | 022315361713 | 23.25" x 14" x 26.88" | 12          | 56 LBS. |

Includes: 30/50 preset pressure switch



# Thermoplastic Convertible Jet Pumps

**For Deep or Shallow Wells**

## Superior Performance

At depths to water of 110' or less

## Fiberglass-Reinforced Thermoplastic Pump Housing

For the highest corrosion resistance

## Heavy-Duty Dual-Voltage Motor

3/4 HP & 1 HP preset at 230V

1/2 HP preset at 115V

## Self-Priming After Pump Housing Is Initially Filled

Foot valve included with Jet Kit,  
sold separately

## Prewired Pressure Switch

Preset for 30/50 PSI operation

## Pressure Regulator



**1/2 HP** 5.9 GPM  
FP4312

**3/4 HP** 7.5 GPM  
FP4322

**1 HP** 9 GPM  
FP4332

| `PERFORMANCE (GPM)                      |              |     |         |                                                                   |      |      |      |     |     |     |     |     |     |     |      | PRESS. SHUTOFF<br>AT MAX DEPTH | JET<br>KIT | WT.<br>(LBS.) |      |
|-----------------------------------------|--------------|-----|---------|-------------------------------------------------------------------|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------|---------------|------|
| MODEL                                   | UPC          | HP  | VOLTS   | GALLONS PER MINUTE PUMPED AT<br>DIFFERENT DEPTHS TO WATER IN FEET |      |      |      |     |     |     |     |     |     |     |      |                                |            |               |      |
|                                         |              |     |         | 5'                                                                | 10'  | 15'  | 20'  | 30' | 40' | 50' | 60' | 70' | 80' | 90' | 100' |                                |            |               | 110' |
| FP4312                                  | 022315100664 | 1/2 | 230/115 |                                                                   |      |      | 5.9  | 4.5 | 3.5 | 2.8 | 2.3 | 1.7 | -   | -   | -    | -                              | 54 PSI     | FP4800        | 54   |
| Deep Well with 4" dia. casing or larger |              |     |         |                                                                   |      |      |      |     |     |     |     |     |     |     |      |                                |            | FP4840        |      |
| Deep Well with 2" dia. casing           |              |     |         |                                                                   |      |      | 5.3  | 4.3 | 3.4 | 2.5 | 1.9 | 1.5 | -   | -   | -    | -                              | 54 PSI     | FP4840        |      |
| Shallow Well of 25' or less             |              |     |         | 9.0                                                               | 7.8  | 6.6  | 5.7  | 4.3 |     |     |     |     |     |     |      |                                | 62 PSI     | FP4875        |      |
| FP4322                                  | 022315100671 | 3/4 | 230/115 |                                                                   |      |      | 7.5  | 6.5 | 5.1 | 4.0 | 3.0 | 2.5 | 1.8 | 1.5 | 1.0  | -                              | 56 PSI     | FP4800        | 27.7 |
| Deep Well with 4" dia. casing or larger |              |     |         |                                                                   |      |      |      |     |     |     |     |     |     |     |      |                                |            | FP4840        |      |
| Deep Well with 2" dia. casing           |              |     |         |                                                                   |      |      | 6.8  | 6.2 | 4.8 | 3.7 | 2.6 | 2.1 | 1.5 | 1.2 | 0.8  | -                              | 53 PSI     | FP4840        |      |
| Shallow Well of 25' or less             |              |     |         | 15.3                                                              | 13.8 | 11.8 | 9.2  | 6.8 | -   | -   | -   | -   | -   | -   | -    | -                              | 52 PSI     | FP4875        |      |
| FP4332                                  | 022315100688 | 1   | 230/115 |                                                                   |      |      | 9.0  | 8.4 | 7.3 | 6.2 | 5.0 | 4.4 | 2.9 | 2.0 | -    | -                              | 56 PSI     | FP4800        | 30.4 |
| Deep Well with 4" dia. casing or larger |              |     |         |                                                                   |      |      |      |     |     |     |     |     |     |     |      |                                |            | FP4840        |      |
| Deep Well with 2" dia. casing           |              |     |         |                                                                   |      |      | 8.4  | 7.8 | 6.7 | 5.6 | 4.4 | 3.5 | 3.0 | 2.5 | 2.0  | 1.4                            | 62 PSI     | FP4840        |      |
| Shallow Well of 25' or less             |              |     |         | 20.7                                                              | 18.3 | 15.8 | 12.3 | 8.5 | -   | -   | -   | -   | -   | -   | -    | -                              | 52 PSI     | FP4875        |      |

All performances shown in gallons per minute at 40 PSI discharge pressure.

| SUCTION SIZE | DRIVE | DISCHARGE SIZE | PRESSURE SWITCH |     | WARRANTY | CARTON DIMENSIONS (IN INCHES)     |
|--------------|-------|----------------|-----------------|-----|----------|-----------------------------------|
|              |       |                | ON              | OFF |          |                                   |
| 1-1/4"       | 1"    | 1"             | 30              | 50  | 1 YEAR   | 20.94 x 12.31 x 12.19 (24/PALLET) |

Includes: Pressure regulator, pressure gauge, 30/50 preset pressure switch

# Cast Iron Convertible Jet Pumps

**For Deep or Shallow Wells**

## Rugged Pump Housing

Durable cast iron construction

## Superior Performance

At depths to water of 70' or less

## Heavy-Duty Dual-Voltage Motor

3/4 HP preset at 230V

1 HP preset at 230V

1/2 HP preset at 115V

## Prewired Pressure Switch

Preset for 30/50 PSI operation

## Self-Priming After Pump Housing Is Initially Filled

Check valve or foot valve required, sold separately



## Ejector Kit Included for 4" Wells or Larger



2" jet kit sold separately

**1/2 HP** 3.5 GPM  
FP4205

**3/4 HP** 7 GPM  
FP4207

**1 HP** 10 GPM  
FP4210

| PERFORMANCE (GPM)                           |              |     |         |                                                                   |      |      |      |      |      |     |     |     |     | PRESS. SHUTOFF<br>AT MAX DEPTH | WT<br>(LBS.) |
|---------------------------------------------|--------------|-----|---------|-------------------------------------------------------------------|------|------|------|------|------|-----|-----|-----|-----|--------------------------------|--------------|
| MODEL                                       | UPC          | HP  | VOLTS   | GALLONS PER MINUTE PUMPED AT<br>DIFFERENT DEPTHS TO WATER IN FEET |      |      |      |      |      |     |     |     |     |                                |              |
|                                             |              |     |         | 0'                                                                | 5'   | 10'  | 15'  | 20'  | 30'  | 40' | 50' | 60' | 70' |                                |              |
| FP4205                                      | 022315361690 | 1/2 | 230/115 | -                                                                 | -    | -    | -    | -    | 3.5  | 3.0 | 2.5 | 2.0 | 1.0 | 65 PSI                         | 21           |
| Deep Well with 4" diameter casing or larger |              |     |         | -                                                                 | -    | -    | -    | -    | -    | -   | -   | -   | -   | 54 PSI                         |              |
| Shallow Well of 25' or less                 |              |     |         | 10.0                                                              | 9.5  | 9.0  | 8.0  | 6.5  | -    | -   | -   | -   | -   | 54 PSI                         |              |
| FP4207                                      | 022315363038 | 3/4 | 230/115 | -                                                                 | -    | -    | -    | -    | 7.0  | 6.0 | 4.5 | 3.5 | 2.5 | 65 PSI                         | 21           |
| Deep Well with 4" diameter casing or larger |              |     |         | -                                                                 | -    | -    | -    | -    | -    | -   | -   | -   | -   | 65 PSI                         |              |
| Shallow Well of 25' or less                 |              |     |         | 16.0                                                              | 14.5 | 13.5 | 12.0 | 10.0 | -    | -   | -   | -   | -   | 70 PSI                         |              |
| FP4210                                      | 022315361706 | 1   | 230/115 | -                                                                 | -    | -    | -    | -    | 10.0 | 8.0 | 6.0 | 4.5 | 3.0 | 65 PSI                         | 24           |
| Deep Well with 4" diameter casing or larger |              |     |         | -                                                                 | -    | -    | -    | -    | -    | -   | -   | -   | -   | 65 PSI                         |              |
| Shallow Well of 25' or less                 |              |     |         | 17.0                                                              | 15.0 | 13.5 | 12.5 | 10.0 | -    | -   | -   | -   | -   | 70 PSI                         |              |

All performances shown in gallons per minute at 30 PSI discharge pressure.

| SUCTION SIZE | DRIVE | DISCHARGE SIZE | PRESSURE SWITCH |     | WARRANTY | CARTON DIMENSIONS (IN INCHES)     |
|--------------|-------|----------------|-----------------|-----|----------|-----------------------------------|
|              |       |                | ON              | OFF |          |                                   |
| 1-1/4"       | 1"    | 1"             | 30              | 50  | 1 YEAR   | 17.32 x 13.34 x 10.45 (48/PALLET) |

Includes: Pressure regulator, pressure gauge, 30/50 preset pressure switch

# Cast Iron Convertible Jet Pumps

**For Deep or Shallow Wells**

## Rugged Pump Housing

Durable cast iron construction

## Superior Performance

At depths to water of 100' or less  
(jet kit sold separately)

## Heavy-Duty Dual-Voltage Motor

3/4 HP preset at 230V  
1/2 HP preset at 115V

## Prewired Pressure Switch

Preset for 30/50 PSI operation

## Self-Priming After Pump Housing Is Initially Filled

Foot valve included with Jet Kit, sold separately



**1/2 HP** 5.9 GPM  
FP4212

**3/4 HP** 7.5 GPM  
FP4222

| PERFORMANCE (GPM)                       |              |            |         |      |      |     |     |     |     |     |     |     |     |     |      | PRESS. SHUTOFF<br>AT MAX DEPTH | JET<br>KIT | WT<br>(LBS.) |
|-----------------------------------------|--------------|------------|---------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------|--------------|
| MODEL                                   | UPC          | HP         | VOLTS   | 5'   | 10'  | 15' | 20' | 30' | 40' | 50' | 60' | 70' | 80' | 90' | 100' |                                |            |              |
| <b>FP4212</b>                           | 022315100633 | <b>1/2</b> | 230/115 |      |      |     | 5.9 | 4.5 | 3.5 | 2.8 | 2.3 | 1.7 | -   | -   | -    | 54 PSI                         | FP4800     | 21           |
| Deep Well with 4" dia. casing or larger |              |            |         |      |      |     | 5.3 | 4.3 | 3.0 | 2.5 | 1.9 | 1.5 | 1.1 | -   | -    | 54 PSI                         | FP4840     |              |
| Shallow Well with single pipe           |              |            |         | 7.9  | 7.1  | 6.3 | 5.4 | -   | -   | -   | -   | -   | -   | -   | -    | 60 PSI                         | FP4855     |              |
| <b>FP4222</b>                           | 022315100640 | <b>3/4</b> | 230/115 |      |      |     | 7.5 | 6.5 | 5.1 | 4.0 | 3.0 | 2.5 | 1.8 | 1.5 | 1.0  | 56 PSI                         | FP4800     | 24           |
| Deep Well with 4" dia. casing or larger |              |            |         |      |      |     | 6.8 | 6.2 | 4.8 | 3.7 | 2.6 | 2.1 | 1.5 | 1.2 | 0.8  | 53 PSI                         | FP4840     |              |
| Shallow Well with single pipe           |              |            |         | 11.9 | 10.8 | 9.5 | 7.5 | -   | -   | -   | -   | -   | -   | -   | -    | 63 PSI                         | FP4855     |              |

All performances shown in gallons per minute at 40 PSI discharge pressure.

| SUCTION SIZE | DRIVE | DISCHARGE SIZE | PRESSURE SWITCH |     | WARRANTY | CARTON DIMENSIONS (IN INCHES)     |
|--------------|-------|----------------|-----------------|-----|----------|-----------------------------------|
|              |       |                | ON              | OFF |          |                                   |
| 1-1/4"       | 1"    | 1"             | 30              | 50  | 1 YEAR   | 17.32 x 13.34 x 10.45 (48/PALLET) |

Includes: Pressure regulator, 30/50 preset pressure switch

# Complete Jet & Tank System

**For Deep or Shallow Wells**

## Superior Performance

At depths to water of 70' or less

## Compact System

Complete system with pressure gauge, pressure switch, pressure regulator, jet kit and all necessary connectors from pump to tank

## Heavy-Duty Dual-Voltage Motor

Preset at 115V

## Durable Construction

Heavy-duty cast iron pump housing

## Precharged Pressure Tank with 15-Gallon Equivalent Capacity

Corrosion-resistant, heavy-gauge steel construction with baked-on finish



2" jet kit sold separately

**Ejector Kit Included**  
for 4" Wells or Larger

# 1/2 HP

| PERFORMANCE                                 |              |     |         |                                                                   |     |     |     |     |     |     |     |     |     | PRESS. SHUTOFF<br>AT MAX DEPTH | WT<br>(LBS.) |
|---------------------------------------------|--------------|-----|---------|-------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------------|--------------|
| MODEL                                       | UPC          | HP  | VOLTS   | GALLONS PER MINUTE PUMPED AT<br>DIFFERENT DEPTHS TO WATER IN FEET |     |     |     |     |     |     |     |     |     |                                |              |
|                                             |              |     |         | 0'                                                                | 5'  | 10' | 15' | 20' | 30' | 40' | 50' | 60' | 70' |                                |              |
| FP420515H                                   | 022315361720 | 1/2 | 230/115 | -                                                                 | -   | -   | -   | -   | 3.5 | 3.0 | 2.5 | 2.0 | 1.0 | 65 PSI                         | 56           |
| Deep Well with 4" diameter casing or larger |              |     |         |                                                                   |     |     |     |     |     |     |     |     |     |                                |              |
| Shallow Well of 25' or less                 |              |     |         | 10                                                                | 9.5 | 9   | 8   | 6.5 | -   | -   | -   | -   | -   | 54 PSI                         |              |

All performances shown in gallons per minute at 30 PSI discharge pressure.

| SUCTION SIZE | DRIVE | DISCHARGE SIZE | PRESSURE SWITCH |     | WARRANTY | CARTON DIMENSIONS (IN INCHES) |
|--------------|-------|----------------|-----------------|-----|----------|-------------------------------|
|              |       |                | ON              | OFF |          |                               |
| 1-1/4"       | 1"    | 1"             | 30              | 50  | 1 YEAR   | 23.25 x 14 x 26.88            |

Includes: 30/50 preset pressure switch

# Cast Iron Jet Pump

## Vertical Deep Well

### Rugged Housing

Durable cast iron construction

### Superior Performance

At depths to water of 260'

### High Capacity

Up to 12 gallons per minute at 50 PSI

### Heavy-Duty Dual-Voltage Motor

Preset at 230V

### Prewired Factory-Set 40/60 Pressure Switch

### Jet Kit Sold Separately



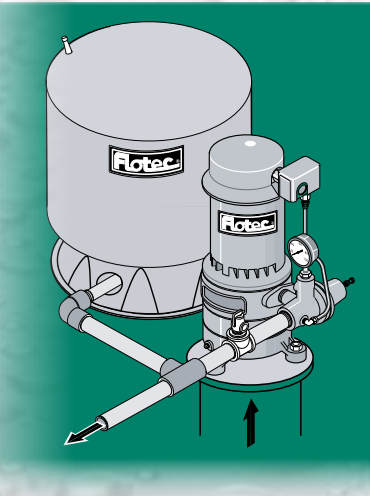
**1 HP**   **12 GPM**  
**FP4432**

| PERFORMANCE                                          | GALLONS PER MINUTE PUMPED AT<br>DIFFERENT DEPTHS TO WATER IN FEET |      |      |      |     |     |     |      |      |      |      |      |      |      |      |      |      |
|------------------------------------------------------|-------------------------------------------------------------------|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
|                                                      | 30'                                                               | 40'  | 50'  | 60'  | 70' | 80' | 90' | 100' | 110' | 120' | 130' | 140' | 180' | 200' | 220' | 240' | 260' |
| Deep Well with 4" diameter casing or larger (FP4800) | 12.0                                                              | 11.5 | 11.0 | 10.4 | 9.6 | 8.8 | 7.4 | 6.1  | 5.0  | 4.9  | 4.7  | 4.5  | 2.9  | 2.3  | 1.7  | 1.2  | 0.8  |
| Deep Well with 2" diameter casing (FP4840)           | 12.0                                                              | 11.2 | 10.7 | 9.4  | 8.3 | 7.3 | 6.3 | 5.0  | 5.0  | 4.9  | 4.3  | 4.2  | 1.8  | -    | -    | -    | -    |

\*All performances shown in gallons per minute at 50 PSI discharge pressure.  
Pipe size required: 1-1/4" suction, 1" drive, 1" discharge

| SUCTION SIZE | DRIVE | DISCHARGE SIZE | WARRANTY | UPC          | CARTON DIMENSIONS        | PALLET QTY. | WEIGHT    |
|--------------|-------|----------------|----------|--------------|--------------------------|-------------|-----------|
| 1-1/4"       | 1"    | 1"             | 1 YEAR   | 022315200791 | 11.88" x 15.38" x 26.63" | 18          | 73.2 LBS. |

Includes: 40/60 preset pressure switch, pressure gauge, mounting feet



**2-Wire, 4"**

# Submersible Well Pumps

**For Residential Water Systems or Agricultural Applications**

Pumps to depth of 300'

**High Performance**

Proven floating stack impeller design for sand resistance and reduced sand locking

**Durable Construction**

Stainless steel pump and motor housing

**1/2 HP – 1 HP** 10-14 GPM**PERFORMANCE**

| MODEL/ UPC                    | HP         | GPM SERIES | VOLTS | GALLONS PER MINUTE PUMPED AT DIFFERENT DEPTHS TO WATER IN FEET |      |      |      |      |      |      |      |      |      |      | DISCHARGE | CARTON DIMS. (IN INCHES) | WEIGHT (LBS.) |
|-------------------------------|------------|------------|-------|----------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------------|---------------|
|                               |            |            |       | 20'                                                            | 40'  | 60'  | 80'  | 100' | 150' | 200' | 250' | 300' | 350' | 400' |           |                          |               |
| <b>FP2211</b><br>022315155787 | <b>1/2</b> | <b>10</b>  | 115   | 13.2                                                           | 12.2 | 10.9 | 9.6  | 8.1  | 2    | -    | -    | -    | -    | -    | 1-1/4"    | 4.8 x 4.8 x 34           | 21            |
| <b>FP2212</b><br>022315100800 | <b>1/2</b> | <b>10</b>  | 230   | 13.2                                                           | 12.2 | 10.9 | 9.6  | 8.1  | 2    | -    | -    | -    | -    | -    | 1-1/4"    | 4.8 x 4.8 x 33           | 21            |
| <b>FP2222</b><br>022315100817 | <b>3/4</b> | <b>10</b>  | 230   | 14.8                                                           | 14.2 | 13.4 | 12.6 | 11.7 | 8.8  | 5.2  | -    | -    | -    | -    | 1-1/4"    | 4 x 4.8 x 34.3           | 24            |
| <b>FP2232</b><br>022315100824 | <b>1</b>   | <b>10</b>  | 230   | -                                                              | -    | 14.7 | 14   | 13.4 | 11.7 | 9.7  | 7.3  | 4.4  | -    | -    | 1-1/4"    | 4.6 x 5 x 29             | 27            |

\*All performances shown in gallons per minute at 40 PSI discharge pressure at the top of the well.

Optimal pump performance

# 3-Wire, 4" Submersible Well Pumps

## For Residential Water Systems or Agricultural Applications

Pumps to depth of 400'

### High Performance

Proven floating stack impeller design for  
sand resistance and reduced sand locking

### Durable Construction

Stainless steel pump and motor housing



## Control Box Included

## 1/2 HP – 1 HP 14-26.2 GPM

| PERFORMANCE            |       |            |       |                                                                |      |      |      |      |      |      |      |      |      |      |           |                          |               |
|------------------------|-------|------------|-------|----------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------------|---------------|
| MODEL/ UPC             | HP    | GPM SERIES | VOLTS | GALLONS PER MINUTE PUMPED AT DIFFERENT DEPTHS TO WATER IN FEET |      |      |      |      |      |      |      |      |      |      | DISCHARGE | CARTON DIMS. (IN INCHES) | WEIGHT (LBS.) |
|                        |       |            |       | 20'                                                            | 40'  | 60'  | 80'  | 100' | 150' | 200' | 250' | 300' | 350' | 400' |           |                          |               |
| FP3212<br>022315101944 | 1/2   | 10         | 230   | 13.2                                                           | 12.2 | 10.9 | 9.6  | 8.1  | 2    | -    | -    | -    | -    | -    | 1-1/4"    | 21 x 12.5 x 12.3         | 25            |
| FP3222<br>022315101951 | 3/4   | 10         | 230   | 14.8                                                           | 14.2 | 13.4 | 12.6 | 11.7 | 8.8  | 5.2  | -    | -    | -    | -    | 1-1/4"    | 6 x 4.6 x 40             | 28            |
| FP3232<br>022315101968 | 1     | 10         | 230   | -                                                              | -    | 14.7 | 14   | 13.4 | 11.7 | 9.7  | 7.3  | 4.4  | -    | -    | 1-1/4"    | 6 x 4.6 x 40             | 31            |
| FP3242<br>022315100916 | 1-1/2 | 10         | 230   | -                                                              | -    | -    | -    | 14.9 | 13.8 | 12.5 | 11.2 | 10.4 | 7.9  | 5.8  | 1-1/4"    | 6 x 4.5 x 49             | 41            |
| FP3332<br>022315101975 | 1     | 20         | 230   | 27                                                             | 24.5 | 22.0 | 19.4 | 16.8 | 2.6  | -    | -    | -    | -    | -    | 1-1/4"    | 5 x 4.5 x 43.5           | 30            |
| FP3342<br>022315163294 | 1-1/2 | 20         | 230   | -                                                              | -    | 26.2 | 24.3 | 22.3 | 17.3 | 8    | -    | -    | -    | -    | 1-1/4"    | 48.9 x 5.8<br>x 4.6      | 41            |

\*All performances shown in gallons per minute at 40 PSI discharge pressure at the top of the well.

 Optimal pump performance

Includes: Control box

# 2 Gallon Precharged Pressure Tanks

## Vertical Design

### Factory Precharged for Efficiency

Extends pump life by providing more water between pump cycles compared to standard tanks

### Heavy-Gauge Steel Construction

For maximum durability and extended life

### Precision Press Fit Design

Minimizes gaps between components, reducing corrosion and seam leaks

### Convenient Size

Ideal for small water systems and lower-flow applications

### Easy Maintenance

NSF-61-approved tank is non-replaceable diaphragm

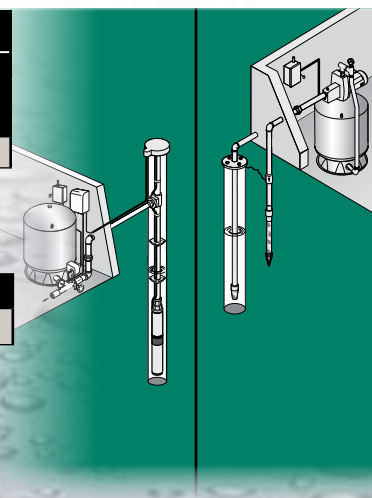


## 2 GAL FP7105

### PERFORMANCE

| MODEL  | STANDARD<br>TANK<br>EQUIVALENCY | ACTUAL<br>TANK<br>CAPACITY | DRAWDOWN COMPARISON |       |       |          |       |       | STYLE    | PLUMBING<br>CONNECTION |
|--------|---------------------------------|----------------------------|---------------------|-------|-------|----------|-------|-------|----------|------------------------|
|        |                                 |                            | PRECHARGED          |       |       | STANDARD |       |       |          |                        |
|        |                                 |                            | 20/40               | 30/50 | 40/60 | 20/40    | 30/50 | 40/60 |          |                        |
| FP7105 | 6 Gallons                       | 2 Gallons                  | 0.7                 | 0.6   | 0.5   | 0.9      | 0.6   | -     | Vertical | 3/4"                   |

| MODEL  | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT |
|--------|----------|--------------|-------------------|-------------|--------|
| FP7105 | 5 YEAR   | 022315101449 | 8.6" x 9" x 13.6" | 162         | 5 LBS. |



# 6 Gallon Precharged Pressure Tanks

## Vertical or Horizontal Design

### Factory Precharged to 40 PSI for Efficiency

Extends pump life by providing more water between pump cycles compared to standard tanks

### Heavy-Gauge Steel Construction

For maximum durability and extended life

### Precision Press Fit Design

Minimizes gaps between components, reducing corrosion and seam leaks

### Convenient Size

Ideal for cabins and summer homes

### Easy Maintenance

NSF-61-approved tank replaceable air/water separator

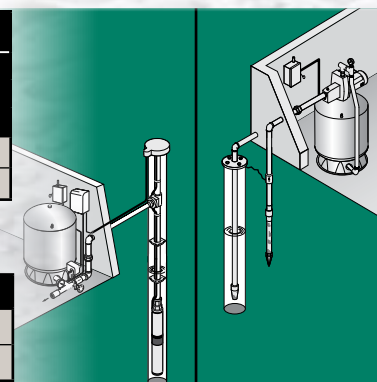


**6 GAL** FP7100

**6 GAL** FP7100H (Horizontal)

| PERFORMANCE |                           |                      |                     |       |       |          |       |       |            |                     |
|-------------|---------------------------|----------------------|---------------------|-------|-------|----------|-------|-------|------------|---------------------|
| MODEL       | STANDARD TANK EQUIVALENCY | ACTUAL TANK CAPACITY | DRAWDOWN COMPARISON |       |       |          |       |       | STYLE      | PLUMBING CONNECTION |
|             |                           |                      | PRECHARGED          |       |       | STANDARD |       |       |            |                     |
|             |                           |                      | 20/40               | 30/50 | 40/60 | 20/40    | 30/50 | 40/60 |            |                     |
| FP7100      | 15 Gallons                | 6 Gallons            | 2.2                 | 1.8   | 1.8   | 2.3      | 1.5   | 1.1   | Vertical   | 3/4"                |
| FP7100H     | 15 Gallons                | 6 Gallons            | 2.2                 | 1.8   | 1.8   | 2.3      | 1.5   | 1.1   | Horizontal | 3/4"                |

| MODEL   | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT    |
|---------|----------|--------------|-------------------|-------------|-----------|
| FP7100  | 5 YEAR   | 022315101098 | 14" x 13" x 17"   | 18          | 18.9 LBS. |
| FP7100H | 5 YEAR   | 022315101081 | 14" x 13" x 17"   | 18          | 18 LBS.   |



# 19 Gallon Precharged Pressure Tanks

Vertical or Horizontal Design

## Factory Precharged to 40 PSI for Efficiency

Extends pump life by providing more water between pump cycles compared to standard tanks

## Heavy-Gauge Steel Construction

For maximum durability and extended life

## Precision Press Fit Design

Minimizes gaps between components, reducing corrosion and seam leaks

## Convenient Size

Ideal for household applications

## Easy Maintenance

NSF-61-approved tank  
Replaceable air/water separator



**19 GAL** FP7110T

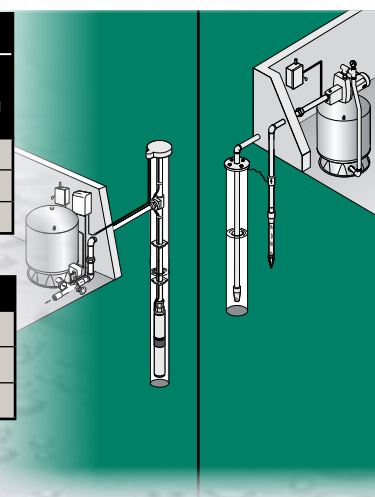
**19 GAL** FP7110TH

**19 GAL** FP7110

## PERFORMANCE

| MODEL    | STANDARD<br>TANK<br>EQUIVALENCY | ACTUAL<br>TANK<br>CAPACITY | DRAWDOWN COMPARISON |       |       |          |       |       | STYLE      | PLUMBING<br>CONNECTION |
|----------|---------------------------------|----------------------------|---------------------|-------|-------|----------|-------|-------|------------|------------------------|
|          |                                 |                            | PRECHARGED          |       |       | STANDARD |       |       |            |                        |
|          |                                 |                            | 20/40               | 30/50 | 40/60 | 20/40    | 30/50 | 40/60 |            |                        |
| FP7110T  | 42 Gallons                      | 19 Gallons                 | 6.9                 | 5.9   | 5.0   | 6.5      | 4.3   | 3.0   | Vertical   | 1"                     |
| FP7110TH | 42 Gallons                      | 19 Gallons                 | 6.9                 | 5.9   | 5.0   | 6.5      | 4.3   | 3.0   | Horizontal | 1"                     |
| FP7110   | 42 Gallons                      | 19 Gallons                 | 6.9                 | 5.9   | 5.0   | 6.5      | 4.3   | 3.0   | Vertical   | 1"                     |

| MODEL           | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT    |
|-----------------|----------|--------------|-------------------|-------------|-----------|
| <b>FP7110T</b>  | 5 YEAR   | 022315101203 | 17" x 17" x 29"   | 4           | 36.5 LBS. |
| <b>FP7110TH</b> | 5 YEAR   | 022315101388 | 18" x 17" x 27"   | 6           | 38.5 LBS. |
| <b>FP7110</b>   | 5 YEAR   | 022315101098 | 14" x 13" x 17"   | 18          | 18.9 LBS. |



# 35, 50, 85 & 119 Gallon Precharged Pressure Tanks

## Vertical Design

### Factory Precharged to 40 PSI for Efficiency

Extends pump life by providing more water between pump cycles compared to standard tanks

### Heavy-Gauge Steel Construction

For maximum durability and extended life

### Precision Press Fit Design

Minimizes gaps between components, reducing corrosion and seam leaks

### Large Capacity

Ideal for high demand water usage

### Easy Maintenance

NSF-61-approved tank  
Replaceable air/water separator



**35 GAL** FP7120

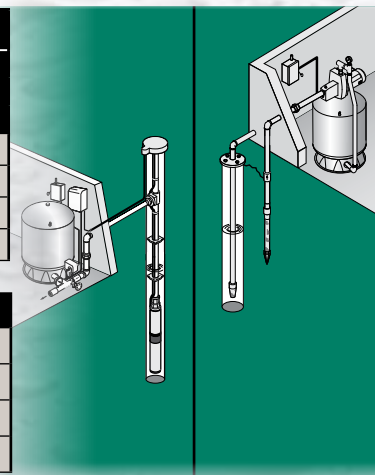
**50 GAL** FP7125

**85 GAL** FP7130

**119 GAL** FP7135

| PERFORMANCE |                           |                      |                     |       |       |          |       |       |          |                     |
|-------------|---------------------------|----------------------|---------------------|-------|-------|----------|-------|-------|----------|---------------------|
| MODEL       | STANDARD TANK EQUIVALENCY | ACTUAL TANK CAPACITY | DRAWDOWN COMPARISON |       |       |          |       |       | STYLE    | PLUMBING CONNECTION |
|             |                           |                      | PRECHARGED          |       |       | STANDARD |       |       |          |                     |
|             |                           |                      | 20/40               | 30/50 | 40/60 | 20/40    | 30/50 | 40/60 |          |                     |
| FP7120      | 82 Gallons                | 35 Gallons           | 12.7                | 10.7  | 9.3   | 12.7     | 8.4   | 5.9   | Vertical | 1"                  |
| FP7125      | 120 Gallons               | 50 Gallons           | 18.3                | 15.5  | 13.4  | 18.6     | 12.2  | 8.8   | Vertical | 1-1/4"              |
| FP7130      | 220 Gallons               | 85 Gallons           | 30.0                | 26.0  | 22.0  | 34.1     | 22.4  | 16.1  | Vertical | 1-1/4"              |
| FP7135      | 320 Gallons               | 119 Gallons          | 41.3                | 35.4  | 31.0  | 47.0     | 29.0  | 24.4  | Vertical | 1-1/4"              |

| MODEL         | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT     |
|---------------|----------|--------------|-------------------|-------------|------------|
| <b>FP7120</b> | 5 YEAR   | 022315101111 | 21" x 21" x 34"   | 4           | 61.6 LBS.  |
| <b>FP7125</b> | 5 YEAR   | 022315101128 | 5" x 25" x 33"    | 2           | 82.35 LBS. |
| <b>FP7130</b> | 5 YEAR   | 022315101135 | 25" x 25" x 56"   | 2           | 117.7 LBS. |
| <b>FP7135</b> | 5 YEAR   | 022315173675 | 25" x 25" x 70"   | 2           | 153 LBS.   |



# Epoxy-Lined Standard Tanks

Vertical or Horizontal Design

## Typical Applications

Replaces any standard galvanized, glass-lined or epoxy-lined tank for applications such as retention tanks, holding tanks and pressure tanks

## Precision Press Fit Design

Minimizes gaps between components, reducing corrosion and seam leaks

## Heavy-Gauge All-Steel Construction

Tough appliance-like finish for extended life

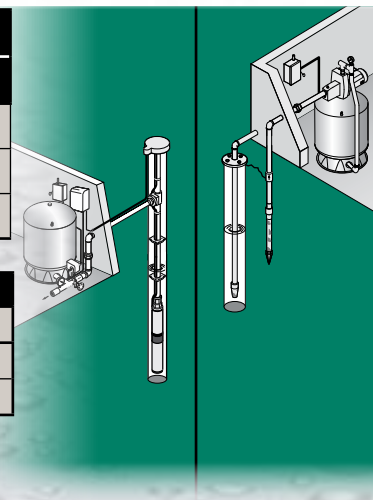


**30 GAL** FP7210 (Horizontal)

**42 GAL** FP7230  
FP7235

| MODEL  | TANK SIZE  | STYLE      | DIAMETER | HEIGHT  | LENGTH  | PIPING SIZE | DRAWDOWN (GALLONS) |       |       |
|--------|------------|------------|----------|---------|---------|-------------|--------------------|-------|-------|
|        |            |            |          |         |         |             | 20-40              | 30-50 | 40-60 |
| FP7210 | 30 gallons | Horizontal | 16"      | 17-1/2" | 36-1/2" | 3/4"        | 5.2                | 4.4   | 3.9   |
| FP7230 | 42 gallons | Vertical   | 16"      | 53-1/2" | N/A     | 1-1/4"      | 6.9                | 5.9   | 5.2   |
| FP7235 | 42 gallons | Vertical   | 20"      | 36-5/8" | N/A     | 1-1/4"      | 6.7                | 5.8   | 5.0   |

| MODEL  | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT    |
|--------|----------|--------------|-------------------|-------------|-----------|
| FP7210 | 1 YEAR   | 022315364783 | 38" x 16" x 18"   | 6           | 51 LBS.   |
| FP7230 | 1 YEAR   | 022315101234 | 17" x 17" x 55"   | 6           | 56.3 LBS. |
| FP7235 | 1 YEAR   | 022315135901 | 21" x 21" x 38"   | 4           | 58 LBS.   |



# Epoxy-Lined Standard Tanks

## Vertical Design

### Typical Applications

Replaces any standard galvanized, glass-lined or epoxy-lined tank for applications such as retention tanks, holding tanks and pressure tanks

### Precision Press Fit Design

Minimizes gaps between components, reducing corrosion and seam leaks

### Heavy-Gauge All-Steel Construction

Tough appliance-like finish for extended life

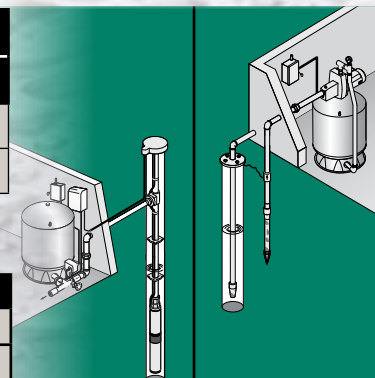


**85 GAL** FP7240

**120 GAL** FP7250

| MODEL         | TANK SIZE   | STYLE    | DIAMETER | HEIGHT | LENGTH | PIPING SIZE | DRAWDOWN (GALLONS) |       |       |
|---------------|-------------|----------|----------|--------|--------|-------------|--------------------|-------|-------|
|               |             |          |          |        |        |             | 20-40              | 30-50 | 40-60 |
| <b>FP7240</b> | 85 gallons  | Vertical | 24"      | 51"    | N/A    | 1-1/4"      | 14.3               | 12.3  | 10.7  |
| <b>FP7250</b> | 120 gallons | Vertical | 24"      | 68"    | N/A    | 1-1/4"      | 19.9               | 17.1  | 14.9  |

| MODEL         | WARRANTY | UPC          | CARTON DIMENSIONS | PALLET QTY. | WEIGHT      |
|---------------|----------|--------------|-------------------|-------------|-------------|
| <b>FP7240</b> | 1 YEAR   | 022315135918 | 25" x 25" x 52"   | 2           | 109.35 LBS. |
| <b>FP7250</b> | 1 YEAR   | 022315162938 | 25" x 25" x 70"   | 2           | 142 LBS.    |



# Jet Pump Accessories

## Pressure Switches

|                                    |               |
|------------------------------------|---------------|
| 20/40 PSI                          | FP2040-P2     |
| 30/50 PSI                          | TC2151-P2     |
| 30/50 PSI with Low-Pressure Cutoff | FP217-1140-P2 |
| 40/60 PSI                          | TC2153-P2     |
| Pressure Relief Valve              | TC2160LF-P2   |
| Pressure Regulator Valve Kit       | FPAPR-P2      |
| Pressure Switch Tubing Kit         | FPASFK-P2     |
| Pressure Gauge                     | TC2104-P2     |
| Air Volume Control Kit             | TC2120-P2     |
| Tank Hook-up Kit                   | FP8110-P2     |
| Tank Pump Bracket                  | TNKBR-P2      |

## Jet Pump Overhaul Kits

|                                                                      |            |
|----------------------------------------------------------------------|------------|
| Convertible & Shallow Well Jet Kit<br>For use with FP4112 and FP4212 | FPP1560-P2 |
| Convertible & Shallow Well Jet Kit<br>For use with FP4122 and FP4222 | FPP1561-P2 |
| Convertible Jet Kit<br>For use with FP4312                           | FPP1511-P2 |
| Shallow Well<br>For use with FP4012-08                               | FPP1520-P2 |
| Shallow Well<br>For use with FP4012-08                               | FPP1521-P2 |

## Seal and Gasket Kits

|                                                                         |            |
|-------------------------------------------------------------------------|------------|
| Shallow Well Jet<br>For use with FP4000 (-08)                           | FPP1530-P2 |
| Convertible and Shallow Well Jet<br>For use with FP4112, FP4122, FP4222 | FPP1550-P2 |

## Ejector Kits

|                                                                 |           |
|-----------------------------------------------------------------|-----------|
| Shallow Well<br>For use with FP4300                             | FP4875-P2 |
| 4" Double Pipe Deep Well<br>For use with FP4200, FP4300, FP4400 | FP4800-P2 |
| 2" Single Pipe Deep Well<br>For use with FP4200, FP4300, FP4400 | FP4840-P2 |



A10148LF-P2  
A10113LF-P2

FP97-33-P2

TC2172-P2

TC2171-P2

FPE238-2-P2

## Wiring Kits

FP85-P2

FP86-P2

FP87-P2

Includes 150' 12-gauge 3-wire plus ground, brass tank tee, pressure switch, pressure gauge, torque arrestor and wire splice kit

**Submersible Pump Accessories (cont.)****Brass Check Valves**

|        |                |
|--------|----------------|
| 3/4"   | TC2506LF-P2    |
| 1"     | TC2502LF-P2    |
| 1-1/4" | TC2505LF-P2    |
| 1-1/2" | TC2507LF-P2    |
| 2"     | FPU212-36LF-P2 |

**Brass Foot Valves**

|        |             |
|--------|-------------|
| 3/4"   | TC2508LF-P2 |
| 1"     | TC2503LF-P2 |
| 1-1/4" | TC2501LF-P2 |
| 1-1/2" | TC2504LF-P2 |

**Brass Barb Fittings**

|             |                |
|-------------|----------------|
| 1" x 1"     | FPU78-993LF-P2 |
| 1-1/4" x 1" | FPU78-992LF-P2 |

**Discharge Tees**

|        |             |
|--------|-------------|
| 1"     | FPADT-P2    |
| 1-1/2" | FPADT-15-P2 |

**Brass Tank Tees**

|        |                 |
|--------|-----------------|
| 4"     | TCU78-635DLF-P2 |
| 1 1/2" | FP78-7LF-P2     |



FP78-7LF-P2



TCU78-635DLF-P2

# PARTS2O™

## Well Accessories

### Well Seals

|                                  |              |
|----------------------------------|--------------|
| 4" x 1-1/4" drop pipe sizes      | FP216-13-P2  |
| 4" x 1-1/4" x 1" drop pipe sizes | FP216-92-P2  |
| 6" x 1" drop pipe sizes          | FP216-6-P2   |
| 6" x 1-1/4" x 1" drop pipe sizes | FP216-94-P2  |
| Well Cap                         | FP216-111-P2 |



### Well Drive Points

|                           |           |
|---------------------------|-----------|
| 1-1/4" x 36"              | J208-2-P2 |
| 1-1/4" x 48"              | J48-12-P2 |
| Well Point Drive Coupling | J11-6-P2  |
| Well Point Drive Cap      | J70-1-P2  |



J11-6-P2



J70-1-P2



FPW217-180B-P2



FPHP25-P2

|                                |                |
|--------------------------------|----------------|
| Pitcher Pump                   | FPHP25-P2      |
| Tank Fill Pump-up Float Switch | FPW217-180B-P2 |

### Hydrants

|                            |           |
|----------------------------|-----------|
| 1' bury depth              | FPH1-P2   |
| 2' bury depth              | FPH2-P2   |
| 3' bury depth              | FPH3-P2   |
| 4' bury depth              | FPH4-P2   |
| 5' bury depth              | FPH5-P2   |
| 6' bury depth              | FPH6-P2   |
| 8' bury depth              | FPH8-P2   |
| Hydrant Installation Kit   | FPHK-P2   |
| Hydrant Repair Kit         | FPYRK1-P2 |
| Hydrant Replacement Head   | FPHH-P2   |
| Hydrant Handle Replacement | SD-RHH-P2 |



FPHK-P2



FPYRK1-P2

## Limited Warranty

This Limited Warranty is effective June 1, 2011 and replaces all undated warranties and warranties dated before June 1, 2011.

FLOTEC warrants to the original consumer purchaser ("Purchaser" or "You") that its products are free from defects in material and workmanship for a period of twelve (12) months from the date of the original consumer purchase. If, within twelve (12) months from the original consumer purchase, any such product shall prove to be defective, it shall be repaired or replaced at FLOTEC's option, subject to the terms and conditions set forth herein. Note that this limited warranty applies to manufacturing defects only and not to ordinary wear and tear. All mechanical devices need periodic parts and service to perform well. This limited warranty does not cover repair when normal use has exhausted the life of a part or the equipment.

The original purchase receipt and product warranty information label are required to determine warranty eligibility. Eligibility is based on purchase date of original product – not the date of replacement under warranty. The warranty is limited to repair or replacement of original purchased product only, not replacement product (i.e. one warranty replacement allowed per purchase). Purchaser pays all removal, installation, labor, shipping, and incidental charges.

For parts or troubleshooting assistance, DO NOT return product to your retail store - contact FLOTEC Customer Service at 1-800-365-6832.

Claims made under this warranty shall be made by returning the product (except sewage pumps, see below) to the retail outlet where it was purchased immediately after the discovery of any alleged defect. FLOTEC will subsequently take corrective action as promptly as reasonably possible. No requests for service will be accepted if received more than 30 days after the warranty expires. Warranty is not transferable and does not apply to products used in commercial/rental applications.

### Sewage Pumps

DO NOT return a sewage pump (that has been installed) to your retail store. Contact FLOTEC Customer Service. Sewage pumps that have seen service and been removed carry a contamination hazard with them.

If your sewage pump has failed:

- Wear rubber gloves when handling the pump;
- For warranty purposes, return the pump's cord tag and original receipt of purchase to the retail store;
- Dispose of the pump according to local disposal ordinances.

### Exceptions to the Twelve (12) Month Limited Warranty

| Product                                                                                                                                                              | Warranty Period |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| FPOF360AC, FPOFDC, FPD21SA, FPD21HC                                                                                                                                  | 90 days         |
| FPOS1775A, FPOS1790PCA, FPOS2400A, FPOS2450A, FPOS4100X, FP2800DCC, FPCP-20ULST, FPPSS3000, FPSC2150A, FPSC3150A, FPCI3350, FPCI5050, FPCD30, FPCC5030               | 2 Years         |
| 4" Submersible Well Pumps, FPOS3200A, FPOS3250A, FPOS6000A, FPSC1725X, FPSC2200A, FPSC2250A, FPSE3601A, FPPSS5000, FPSC3350A, FPZT7300, FPZT7350, FPZT7450, FPZT7550 | 3 Years         |
| FP7100 Series Pressure Tanks, E100ELT, E3305TLT, E3375TLT, E5005TLT, E50TLT, E50VLT, E75STVT, E75VLT, FPSC3200A, FPSC3250A, FPSC4550A, FPSE9000                      | 5 Years         |

### General Terms and Conditions

You must pay all labor and shipping charges necessary to replace product covered by this warranty. This warranty does not apply to the following:

(1) acts of God; (2) products which, in FLOTEC's sole judgment, have been subject to negligence, abuse, accident, misapplication, tampering, or alteration; (3) failures due to improper installation, operation, maintenance or storage; (4) atypical or unapproved application, use or service; (5) failures caused by corrosion, rust or other foreign materials in the system, or operation at pressures in excess of recommended maximums.

This warranty sets forth FLOTEC's sole obligation and purchaser's exclusive remedy for defective products.

FLOTEC SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, OR CONTINGENT DAMAGES WHATSOEVER.

THE FOREGOING LIMITED WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE FOREGOING LIMITED WARRANTIES SHALL NOT EXTEND BEYOND THE DURATION PROVIDED HEREIN.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to You. This warranty gives You specific legal rights and You may also have other rights which vary from state to state.

**Air Volume Control** – Designed to maintain the air charge in a standard water storage tank. Precharged tanks do not use an air volume control.

**Atmospheric Pressure** – A force exerted upon the Earth's surface by the weight of air extending to a height of 25 miles above the earth. At sea level, 14.7 pounds per square inch (PSI).

**Black Water** – Raw human sewage.

**Centrifugal Force** – The force created by a spinning or rotating impeller resulting in the movement of water outward from the center point. A pump uses an impeller to create centrifugal force.

**Check Valve** – Allows water to move in only one direction, which prevents water from returning to its source.

**Convertible Jet Pump** – For deep wells where pumping water levels are as far as 90 feet below the pump. Also easily converted for shallow wells where pumping water levels are no more than 25 feet below the pump. Jet packages must be purchased separately.

**Cut-in Pressure Setting** – The point at which the pressure switch turns the pump on.

**Deep Well** – Well with a depth to water greater than 25 feet.

**Depth to Water** – The vertical measurement from pump level down to the top of the water in your well.

**Discharge Pressure** – The amount of force or pressure of the water being discharged from the pump.

**Dual-Voltage Motor** – Pump motor that can be operated on 115 or 230 volt service by simply changing the internal motor leads located under the motor canopy to correspond with the power supply.

**Effluent** – Sewage or wastewater which has undergone some pre-treatment. Effluent water may contain small solids and/or stringy material (lint, hair, etc.). Effluent is generally defined as 3/4" solids or less.

**Foot Valve** – Installs on end of pump suction pipe to prevent water from draining back to source. Includes strainer to minimize suction of debris into pump.

**GPH** – Gallons per hour.

**GPM** – Gallons per minute.

**Gray Water** – Non-toilet household wastewater (sinks, showers, laundry, etc.) that is sometimes recycled, especially for use in gardening or for flushing toilets.

**Head** – A term used to define water pressure in vertical feet. Or a term representing the energy content of a liquid, expressed as the height of an equivalent vertical column of water. a. This is expressed in feet of head. b. This can apply to both sides of a pump: the suction side and discharge side. c. It is also used to express the total losses in a pumping system (Total Dynamic Head).

**HP** – Horsepower (size rating of motor).

**Jet Package** – Required for operation of convertible and deep well jet pumps.

**Jet Pump** – A centrifugal pump which requires a jet, either built-in or purchased separately, to help build additional water pressure.

**Lift** – Lift is essentially the distance water has to travel between your sump basin and the highest vertical point in the drainage pipe. The most common lift height is 10 feet.

**Precharged Tank** – A water storage tank precharged with air at factory featuring a vinyl bag to separate water from air which prevents waterlogging. This tank design provides greater drawdown than standard tanks. Precharged tanks do not require an air volume control. (See Water Storage Tank, Waterlogging, Tank Drawdown.)

**Pressure** – A force usually expressed in pounds per square inch (PSI).

**Pressure Relief Valve** – Required for all submersible pump and pressure boosting installations to prevent overpressurization of water storage tank and system piping that could develop from pressure switch malfunction.

**Pressure Switch** – The switch that automatically turns the pump on and off at specified pressures 30/50 PSI and 40/60 PSI. IMPORTANT! Always replace an old switch with a new switch with the same pressure settings.

**30/50 pressure operation** – Pressure switch turns pump on at 30 PSI, off at 50 PSI.

**40/60 pressure operation** – Pressure switch turns pump on at 40 PSI, off at 60 PSI.

**Priming the Pump** – The initial filling of a jet or centrifugal pump with water so that the air can be removed.

**Pump Capacity** – The amount of water a pump is capable of moving at a given pressure.

**PSI** – Pounds per square inch. A unit of water and air pressure measurement.

**Self-Priming Pump** – A centrifugal pump having the capability of dispersing a certain amount of air from its pump body, assuming the pump has been primed initially, when operating under a suction lift; to free itself of entrained gas without losing prime; and to continue normal pumping operation without attention.

**Sewage** – Raw wastewater from residential, commercial or industrial sites. Sewage from residential sites is generally defined as 2" solids.

**Shallow Well** – Well with a depth to water of 25 feet or less.

**Sizing** – Properly matching pump to application for best performance.

**Standard Tank** – A pressurized water storage tank where air comes in contact with water. Requires air volume control for proper operation.

**Submersible Control Box** – Installs aboveground. Contains electrical starting components for 3-wire submersible deep well pumps. 2-wire submersible deep well pumps do not use a control box.

**Submersible Deep Well Pump** – For use on wells where pump water levels are up to 400 feet below point of use. Pump is submerged underwater in well.

**Suction Lift** – See Depth to Water.

**Sump Pump** – An electric pump that is placed in the basement of a home and is used to remove water from the basement to outside the home.

**Tank Drawdown/Drawdown** – The amount of usable water available from a water storage tank between pump stops and starts.

**Waterlogging** – The absorption of air into water stored in a water storage tank, which greatly reduces the amount of usable water drawdown available from the tank.

**Water Storage Tank** – Stores air and water under pressure to provide for automatic pump operation and a source of water when pump is not running.

**Well Diameter** – Inside dimension of well casing.





For more than 30 years, Flotec® has been a leader in providing water system products to solve residential water management needs. Flotec offers a wide range of products from utility pumps to complete water systems. All Flotec products are designed for easy installation and are backed by industry-leading warranties.



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