

448000 BOMBAS Y TANQUES PARA AGUA PUMPS AND TANKS FOR WATER

Flotec®

BOMBA DE CHORRO DE FIERRO FUNDIDO



NO. DE ARTICULO	DESCRIPCION	CTD
036-152	FP4112 1/2 HP	1
036-178	FP4122 3/4 HP	1

BOMBA SUBMERSIBLE PARA AGUA



039-446	FP2232 1 HP 230V	1
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BOMBA DE GAS



140-074	#4955 DE 5.5 CABALLOS	
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BOMBA DE CHORRO DE TERMOPLASTICO REFORZADA CON FIBRA DE VIDRIO



086-999	FP4012 1/2 HP	1
089-979	FP-4022 3/4 HP	1
036-244	FP4032-10 1 HP	1

BOMBA DE CHORRO "SIMER" DE FIERRO FUNDIDO



036-332	FP4105 SIMER 1/2HP 115V	1
086-101	2802 SIMER 3/4 HP 115V	1



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 TANQUE DE PRESION		
NO. DE ARTICULO	DESCRIPCION	CTD
086-942	FP7110T 42 GAL	1
086-949	FP7110TH 42 GAL	1
086-959	FP7120 82 GAL	1
139-341	FP7125 120 GAL	1
086-132	FP7130 220 GAL	1

 BOMBA DE CHORRO DE ACERO INOXIDABLE		
NO. DE ARTICULO	DESCRIPCION	CTD
141-361	FP4832 1 HP DE ACERO INOXIDABLE	

 NOZZLE/ VENTURI/ DIFF ASSMEBLY KIT		
NO. DE ARTICULO	DESCRIPCION	CTD
448-028	N101-30PA F/FP4012-10 1/2HP	1
448-035	N101-30P F/FP4022-10 3/4HP	1
448-042	N101-29P F/FP4032-10 1HP	1
448-050	101P-3440	1

 JUEGO DE REPARACION PARA BOMBA DE AGUA		
NO. DE ARTICULO	DESCRIPCION	CTD
086-801	FPP1520 PARA BOMBA #FP4012 1/2-HP	1
086-819	FPP1521 PARA BOMBA #FP4022 3/4-HP	1
038-331	FPP1560 PARA BOMBA #FP4112 Ó #FP4212 1/2 HP	1
038-273	FPP1561 PARA BOMBA #FP4122 Ó #FP4222 3/4 HP	1



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EMPAQUE PARA BOMBA		
		
140-495	ZBR0010 PARA BOMBA #FP4105	1

IMPULSOR PARA BOMBA DE AGUA		
		
139-348	PARA BOMBA #FP4105	1
140-488	PARA BOMBA #2802	1
448-007	#4012	1
448-021	#4022	1

CORREN RESIST SHALLOW WELL JET/TANK SYSTEM / SISTEMA DE TANQUE Y BOMBA



448-014	FP401215H 1/2HP	1
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BOLSA PARA TANQUE DE PRESION		
		
086-215	U20-13 PARA BOMBA #FP7110T	1
086-645	U20-09 PARA BOMBA #FP7120	1
448-064	U20-10 PARA BOMBA #FP7125	1
448-057	U20-14 PARA BOMBA #FP7130	1



cast iron **SHALLOW WELL PUMPS**



Cast iron shallow well jet pumps provide superior performance and high capacities with more pressure for shallow wells 25' or less. All units feature dual voltage motor.

FEATURES

- Superior performance at depths to water of 25' or less
- Rugged, heavy-duty cast iron pump housing
- Heavy-duty motor
- Self-priming after pump housing is initially filled (Check Valve or Foot Valve required)
- Pressure switch pre-set with 30-50 PSI pressure setting
- 1-1/4" NPT suction and 1" NPT discharge pipe sizes
- Fully serviceable unit – easy access clean out port



FP4122

3/4 HP

BEST 1 year warranty

- Capacities up to 14.4 gallons per minute at 40 PSI - Maximum pressure of 70 PSI
- Ready-to-install 230 Volt motor – see manual for 115 Volt conversion

FP4112

1/2 HP

Better 1 year warranty

- Capacities up to 8.5 gallons per minute at 40 PSI - Maximum pressure of 69 PSI
- Ready-to-install 115 Volt motor

WIRING SIZING

HP	Volts	Max. Load Amp	Branch Fuse Rating Amp	Distance in Feet (Meters) from Motor to Supply				
				0 - 100 (0 - 30)	101 - 200 (31 - 61)	201 - 300 (62 - 91)	301 - 400 (92 - 122)	401 - 500 (123 - 152)
				AWG Wire Size (mm ²)				
3/4	115/230	12.2/6.1	20/15	12/14 (3/2)	10/14 (5.5/2)	8/14 (8.4/2)	6/12 (14/3)	6/12 (14/3)
1/2	115	9.4	15	14 (2)	10 (5.5)	10 (5.5)	6 (14)	6 (14)

PERFORMANCE INFORMATION

Rating	Warranty (years)	Model	HP	Pressure Switch		Gallons per Minute Pumped at Different Depths to Water*					Pressure Shut-Off
				On	Off	5'	10'	15'	20'	25'	
				BEST	1	FP4122	3/4	30	50	14.4	
Better	1	FP4112	1/2	30	50	8.5	7.8	6.8	5.6	4.6	69 PSI

*All performances shown in gallons per minute at 40 PSI (pounds per square inch) discharge pressure.

RECOMMENDED TANK:

42 gallons or larger – see tank section for model selection on page 46

ACCESSORIES (sold separately, see page 45)

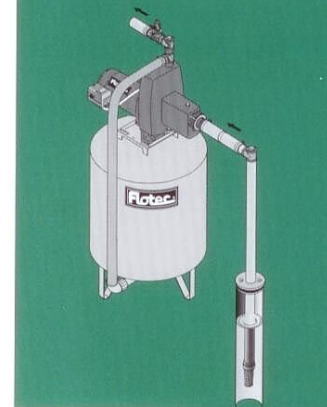
Required:

Check Valve or Foot Valve – see page 45
Pressure Relief Valve – TC2160

Optional:

Pressure Gauge – TC2104
Low Pressure Cut-Off – FP217-1140

TYPICAL APPLICATION



cast iron **SHALLOW WELL PUMPS**

New cast iron shallow well jet pump is ideal for wells with pumping levels of 25' or less. Self-priming after the pump housing is initially filled with water.



FEATURES

- Reliable performance at 25' depth to water or less
- Heavy-duty cast iron pump housing
- Ready to install 115 Volt motor
- Fan cooled, completely enclosed motor
- Self-priming after pump housing is initially filled (check or foot valve required)
- Pressure switch pre-set to 30-50 PSI pressure setting
- TC2104 pressure gauge recommended
- 1" inlet and outlet

NEW!

FP4107

3/4 HP

Better 1 year warranty

- Capacities up to 7.8 gallons per minute at 40 PSI - Maximum pressure of 74 PSI

NEW!

FP4105

1/2 HP

Better 1 year warranty

- Capacities up to 5.1 gallons per minute at 40 PSI - Maximum pressure of 63 PSI

WIRING SIZING

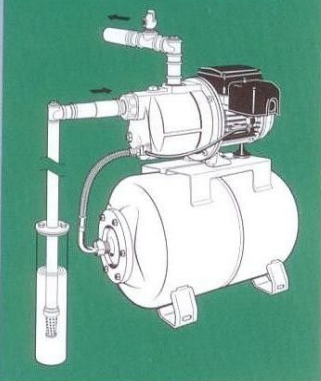
HP	Volts	Max. Load Amp	Branch Fuse Rating Amp	Distance in Feet (Meters) from Motor to Supply				
				0 - 100 (0 - 30)	101 - 200 (31 - 61)	201 - 300 (62 - 91)	301 - 400 (92 - 122)	401 - 500 (123 - 152)
				AWG Wire Size (mm ²)				
3/4	115	8.6	15	14 (2)	10 (5.5)	8 (8.4)	6 (14)	6 (14)
1/2	115	7.2	15	14 (2)	10 (5.5)	10 (5.5)	6 (14)	6 (14)

PERFORMANCE INFORMATION

Rating	Warranty (years)	Model	HP	Pressure Switch		Gallons per Minute Pumped at Different Depths to Water*					Pressure Shut-Off
				On	Off	5'	10'	15'	20'	25'	
				Better	1	FP4107	3/4	30	50	7.8	
Better	1	FP4105	1/2	30	50	5.1	4.5	4.1	3.5	3.1	63 PSI

*All performances shown in gallons per minute at 40 PSI (pounds per square inch) discharge pressure.

TYPICAL APPLICATION



ACCESSORIES (sold separately, see page 45)

Required:

Check Valve or Foot Valve – see page 45

Pressure Relief Valve – TC2160

Optional:

Pressure Gauge – TC2104

Low Pressure Cut-Off – FP217-1145

RECOMMENDED TANK:

42 gallons or larger – see tank section for model selection on page 46

corrosion resistant shallow well JET PUMPS



Corrosion-resistant, shallow well jet pumps are ideal for wells with pumping levels of 25' or less. Self-priming after the pump housing is initially filled with water and feature dual voltage motors.

FEATURES

- Superior performance at depths to water of 25' or less
- Fiberglass-reinforced thermoplastic pump housing for the highest corrosion resistance
- Heavy-duty motor
- Self-priming after pump housing is initially filled (Check Valve or Foot Valve required)
- Pressure switch pre-wired with 30-50 PSI pressure setting
- 1-1/4" NPT suction and 1" NPT discharge pipe sizes
- Serviceable unit



FP4032

1 HP

BEST 1 year warranty

- Capacities up to 18.8 gallons per minute at 40 PSI (Average household use 6-10 gpm)
- Ready-to-install 230 Volt motor – see manual for 115 Volt conversion

FP4022

3/4 HP

BEST 1 year warranty

- Capacities up to 12.0 gallons per minute at 40 PSI (Average household use 6-10 gpm)
- Ready-to-install 230 Volt motor – see manual for 115 Volt conversion

FP4012

1/2 HP

Better 1 year warranty

- Capacities up to 8.0 gallons per minute at 40 PSI (Average household use 6-10 gpm)
- Ready-to-install 115 Volt motor

WIRING SIZING

HP	Volts	Max. Load Amp	Branch Fuse Rating Amp	Distance in Feet (Meters) from Motor to Supply				
				0 - 100 (0 - 30)	101 - 200 (31 - 61)	201 - 300 (62 - 91)	301 - 400 (92 - 122)	401 - 500 (123 - 152)
				AWG Wire Size (mm ²)				
1	115/230	14.8/7.4	20/15	12/14 (3/2)	8/14 (8.4/2)	6/14 (14/2)	6/12 (4/3)	4/10 (12/5.5)
3/4	115/230	12.2/6.1	20/15	12/14 (3/2)	10/14 (5.5/2)	8/14 (8.4/2)	6/12 (14/3)	6/12 (14/3)
1/2	115	9.4	15	14 (2)	10 (5.5)	10 (5.5)	6 (14)	6 (14)

PERFORMANCE INFORMATION

Rating	Warranty (years)	Model	HP	Pressure Switch		Gallons per Minute Pumped at Different Depths to Water*					Pressure Shut-Off
				On	Off	5'	10'	15'	20'	25'	
BEST	1	FP4032	1	30	50	16.4	16.1	14.1	12.0	8.1	67 PSI
BEST	1	FP4022	3/4	30	50	10.3	9.7	8.2	7.1	5.1	78 PSI
Better	1	FP4012	1/2	30	50	7.4	6.4	6.1	5.1	4.0	77 PSI

*All performances shown in gallons per minute at 40 PSI (pounds per square inch) discharge pressure.

RECOMMENDED TANK:

42 gallons or larger – see tank section for model selection on page 46

ACCESSORIES (sold separately, see page 45)

Required:

Check Valve or Foot Valve – see page 45

Pressure Relief Valve – TC21603

Optional:

Pressure Gauge – TC2104

Low Pressure Cut-Off – FP217-1140

TYPICAL APPLICATION





pre-charged **PRESSURE TANKS** (cont.)

FEATURES

- Tough, appliance-like finish for extended life
- Heavy gauge steel construction for maximum durability
- Water never touches metal components
- Replaceable air/water separator for easy maintenance
- Convenient air valve location for quick hook up
- Tank is factory pre-charged to 40 PSI
- Air/water separator FDA approved



FP7130
FP7135

FP7125

FP7120



FP7135

BEST 5 year warranty

- 320 Gallon Vertical Pre-Charged Pressure Tank
- 1-1/4" NPT Female Plumbing Connection

FP7130

BEST 5 year warranty

- 220 Gallon Vertical Pre-Charged Pressure Tank
- 1-1/4" NPT Female Plumbing Connection

FP7125

BEST 5 year warranty

- 120 Gallon Vertical Pre-Charged Pressure Tank
- 1-1/4" NPT Female Plumbing Connection

FP7120

BEST 5 year warranty

- 82 Gallon Vertical Pre-Charged Pressure Tank
- Includes Jet Tank Bracket
- 1" NPT Female Plumbing Connection

USABLE WATER COMPARISON OF PRE-CHARGED AND STANDARD PRESSURE TANKS

Pressure Switch Setting	Type of Tank	Usable Water* per "Rated" Tank Size in Gallons						
		6	15	42	82	120	220	320
20-40	Standard	0.9	2.3	6.5	12.7	18.6	34.1	47.0
	Pre-Charged	0.7	2.2	6.9	12.7	18.3	30.0	41.3
30-50	Standard	0.6	1.5	4.3	8.4	12.2	22.4	29.0
	Pre-Charged	0.6	1.8	5.8	10.7	15.5	26.0	35.4
40-60	Standard	0.4	1.1	3.0	5.9	8.8	16.1	24.4
	Pre-Charged	N/A	1.8	5.0	9.3	13.4	22.0	31.0

*Usable water between pump cycles. The larger the usable water the less frequently the pump will cycle (turn on and off), thereby increasing pump life. Purchase the largest tank size possible for your application to maximize the life expectancy of your total water system.

AVAILABLE PRE-CHARGED TANK SIZES

Model	Style	Rated Size in Gallons	Actual Capacity in Gallons	Plumbing Connection	Tank Height	Tank Diameter
FP7135	Vertical	320	119	1-1/4"	68"	24"
FP7130	Vertical	220	85	1-1/4"	52"	24"
FP7125	Vertical	120	50	1-1/4"	35"	24"
FP7120	Vertical**	82	35	1"	32"	20"
FP7110TH	Horizontal**	42	19	1"	18"	16"
FP7110T	Vertical**	42	19	1"	28"	16"
FP7110	Vertical**	42	19	1"	21"	20"
FP7100H	Horizontal**	15	6	3/4"	14"	12"
FP7100	Vertical	15	6	3/4"	16"	12"
FP7105	Vertical	6	2	3/4"	13"	8"

pre-charged PRESSURE TANKS

Pre-charged pressure tanks require 50% less space than standard conventional tanks while providing greater water capacity between pump cycles for maximum system life. Easy installation – No complicated air-charging devices required. Pre-charged tanks can be used alone or in multiples to provide extra water between pump cycles.

FEATURES

- Convenient size for cabins and summer homes (1.5 gallon tanks only)
- Tough, appliance-like finish for extended life
- Heavy gauge steel construction for maximum durability
- Replaceable air/water separator for easy maintenance

FP7100H

- 15 Gallon Vertical Pre-Charged Pressure Tank
- 3/4" NPT Female Plumbing Connection

BEST 5 year warranty

FP7100

- 15 Gallon Vertical Pre-Charged Pressure Tank
- 3/4" NPT Female Plumbing Connection

BEST 5 year warranty

FP7105

- 6 Gallon Vertical Pre-Charged Pressure Tank
- ANSI/NSF 61 Certified Only
- 3/4" NPT Male Plumbing Connection
- Factory pre-charged to 20 PSI

BEST 5 year warranty

FEATURES

- Convenient size for cabins and summer homes; ideal for continuous use applications such as lawn sprinkling
- Tough, appliance-like finish for extended life
- Heavy gauge steel construction for maximum durability
- Water never touches metal components
- Replaceable air/water separator for easy maintenance
- Tank is factory precharged to 40 PSI
- Includes Jet Tank Bracket
- 1" NPT Female plumbing connection



FP7110

- 42 Gallon Vertical Pre-Charged Pressure Tank

BEST 5 year warranty

FP7110T

- 42 Gallon Vertical Pre-Charged Pressure Tank

BEST 5 year warranty

FP7110TH

- 42 Gallon Horizontal Pre-Charged Pressure Tank

BEST 5 year warranty

Flotec®



FP7105
FP7100

FP7100H



FP7110T

FP7110

FP7110TH





2-wire 4" SUBMERSIBLE PUMPS

2-Wire 4" Submersible Pumps are the most economical, energy-efficient pumps for 4" wells or larger. Providing the optimum amount of water and pressure for general home and farm use.

2-Wire

BEST 3 year warranty

- For 4" inside diameter or larger wells
- Pumps from depths of 300'
- Patented Floating Stack design for sand resistance and reduced sand locking
- Corrosion-resistant stainless steel pump and motor housing
- Heavy-duty discharge connection
- Precision-molded impellers and diffusers
- Superior life
- Includes built-in check valve
- Water filled submersible motor

10 Gallon Per Minute Series

For average yield wells. Average household use - all 1-1/4" NPT

PERFORMANCE INFORMATION

Model	HP	Volts	Gallons per Minute Pumped at Different Depths to Water in Feet*										
			20'	40'	60'	80'	100'	150'	200'	250'	300'	350'	400'
FP2232	1	230	15.6	15.1	14.6	14.1	13.5	11.9	9.8	7.4	4.2	-	-
FP2222	3/4	230	14.9	14.2	13.5	12.7	11.9	9.4	6.0	-	-	-	-
FP2212	1/2	230	13.6	12.6	11.5	10.1	8.6	2.8	-	-	-	-	-
FP2211	1/2	115	13.6	12.6	11.5	10.1	8.6	2.8	-	-	-	-	-

*All performances shown in gallons per minute at 40 PSI (pounds per square inch) discharge pressure at top of the well.

CONTROL BOXES:

Not required, electrical components are built into the motor.

RECOMMENDED TANK SIZE:

Tank size is critical for submersible pump use. If tank is too small, short pump life results whereas extra tank capacity adds to pump life. Pump motors are designed for 20 starts per hour at maximum peak use, more causes failure. Refer to the tank section on page 46 for selection.

RECOMMENDED PIPE:

100 PSI rated flexible plastic pipe for depths to 100 feet. 160 PSI rated flexible plastic pipe for depths to 220 feet. Double clamp all connections with stainless steel clamps.



stainless steel shallow well **JET PUMPS**

Stainless steel shallow well jet pumps are heavy-duty, durable, corrosion resistant, high pressure and offer efficient non-stop operation for years. Manufactured to the highest performance specification, offering unsurpassed value. Ideal for wells with pumping levels of 25' or less. Self-priming after pump housing is initially filled with water. Both units feature dual voltage motors.



FEATURES

- Superior performance at depths to water of 25' or less
- Heavy-duty, stainless steel pump housing for highest corrosion resistance
- Heavy-duty motor
- Ready-to-install 230 Volt motor – see manual for 115 Volt conversion
- Self-priming after pump housing is initially filled (Check Valve or Foot Valve required)
- Pressure switch pre-set with 30-50 PSI pressure setting
- 1-1/4" NPT suction and 1" NPT discharge pipe sizes
- Fully serviceable unit

FP4832

1 HP

BEST 1 year warranty

- Capacities up to 18.4 gallons per minute at 40 PSI

FP4822

3/4 HP

BEST 1 year warranty

- Capacities up to 9.6 gallons per minute at 40 PSI

WIRING SIZING

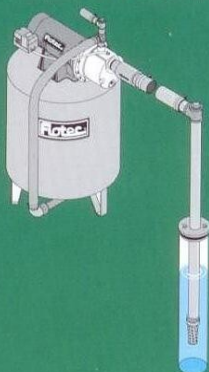
HP	Volts	Max. Load Amp	Branch Fuse Rating Amp	Distance in Feet (Meters) from Motor to Supply				
				0 - 100 (0 - 30)	101 - 200 (31 - 61)	201 - 300 (62 - 91)	301 - 400 (92 - 122)	401 - 500 (123 - 152)
				AWG Wire Size (mm ²)				
1	115/230	19.2/9.6	25/15	10/14 (5.5/2)	8/14 (8.4/2)	6/12 (14/3)	4/10 (21/5.5)	4/10 (21/5.5)
3/4	115/230	14.8/7.4	20/15	12/14 (3/2)	8/14 (8.4/2)	6/14 (14/2)	6/12 (4/3)	4/10 (21/5.5)

PERFORMANCE INFORMATION

Rating	Warranty (years)	Model	HP	Pressure Switch		Gallons per Minute Pumped at Different Depths to Water*					Pressure Shut-Off
				On	Off	5'	10'	15'	20'	25'	
BEST	1	FP4832	1	30	50	18.4	16.4	14.3	9.1	7.1	68 PSI
BEST	1	FP4822	3/4	30	50	9.6	8.2	7.2	6.0	4.7	52 PSI

*All performances shown in gallons per minute at 40 PSI (pounds per square inch) discharge pressure.

TYPICAL APPLICATION



ACCESSORIES (sold separately, see page 45)

Required:

Check Valve or Foot Valve – see page 45

Pressure Relief Valve – TC2160

Optional:

Pressure Gauge – TC2104

Low Pressure Cut-Off – FP217-1140

RECOMMENDED TANK:

42 gallons or larger – see tank section for model selection on page 46