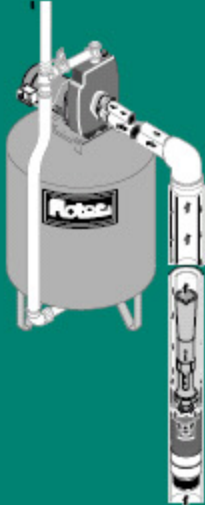


cast iron convertible **JET PUMPS**

Cast iron convertible jet pumps can be used in shallow or deep well application in 2" diameter wells or larger and are pre-set for 30-50 PSI operation.



TYPICAL APPLICATION



FEATURES

- Superior performance at depths to water of 100' or less
- Rugged, heavy-duty pump housing
- Includes heavy-duty motor and pressure regulator
- Self-priming after pump housing is initially filled (Check Valve or Foot Valve required)
- Pressure switch pre-set with 30-50 PSI pressure setting
- These pumps require jet package (see info below for proper selection)

FP4222

3/4 HP

BEST 1 year warranty

- **For Shallow Well Applications:** capacities up to 11.9 gpm at 40 PSI (at depths to water of 25' or less) – Jet Kit FP4855 required – sold separately
- **For Deep Well Applications:** capacities up to 7.5 gpm at 40 PSI (at depths to water of 100' or less) – Jet Kit FP4800 required – sold separately
- **For Deep Well Applications:** capacities up to 6.8 gpm at 40 PSI (at depths to water of 100' or less) – Jet Kit FP4840 required – sold separately
- Ready-to-install 230 Volt motor – see manual for 115 Volt conversion

FP4212

1/2 HP

Better 1 year warranty

- **For Shallow Well Applications:** capacities up to 7.9 gpm at 40 PSI (at depths to water of 25' or less) – Jet Kit FP4855 required – sold separately
- **For Deep Well Applications:** capacities up to 5.9 gpm at 40 PSI (at depths to water of 100' or less) – Jet Kit FP4800 required – sold separately
- **For Deep Well Applications:** capacities up to 5.3 gpm at 40 PSI (at depths to water of 100' or less) – Jet Kit FP4840 required – sold separately
- Ready-to-install 115 Volt motor

WIRE SIZING

HP	Volts	Max. Load Amp	Branch Fuse Rating Amp	Distance in Feet (Meters) from Motor to Supply					
				0 - 50 (0 - 15)	51 - 100 (16 - 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	14/14 (2/2)	14/14 (2/2)	10/14 (5/2)	8/14 (7/2)	8/14 (7/2)	6/12 (9/3)
1/2	115	9.4	15	14 (2)	14 (2)	12 (3)	10 (5)	8 (7)	8 (7)

RECOMMENDED SUCTION PIPE:

For double pipe installations, use plastic pipe: 100 PSI rated for depths to 100' and 160 PSI rated for depths greater than 100'. Use two stainless steel clamps at each connection when using plastic pipe. For 2" diameter deep well installations, use 1-1/4" galvanized pipe and turned couplings in well.

JET PACKAGES:

REQUIRED – (see information below or on page 41)
Jet packages are not supplied with the pump. It is recommended that, when replacing the pump, you also replace the jet.

ACCESSORIES (sold separately, see page 45)

Required:

Check Valve or Foot Valve – see page 42

Optional:

Pressure Gauge – TC2104

RECOMMENDED TANK:

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

Shallow Well of 25 feet or less

Pipe size required: 1-1/4" suction, 1" discharge

Purchase Jet Package FP4855 separately

PERFORMANCE INFORMATION											
Rating	Warranty (years)	Model	HP	Pressure Switch		Gallons per Minute Pumped at Different Depths to Water* in feet					Pressure Shut-Off at Max. Depth
				On	Off	5'	10'	15'	20'	25'	
BEST	1	FP4222	3/4	30	50	11.9	10.8	9.5	7.5	-	63 PSI
Better	1	FP4212	1/2	30	50	7.9	7.1	6.3	5.4	-	60 PSI

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

Deep Well with 4" diameter casing or larger

Pipe size required: 1-1/4" suction, 1" drive, 1" discharge

Purchase Jet Package FP4800 separately

PERFORMANCE INFORMATION																
Rating	Warranty (years)	Model	HP	Pressure Switch		Gallons per Minute Pumped at Different Depths to Water* in feet										Pressure Shut-Off at Max. Depth
				On	Off	20'	30'	40'	50'	60'	70'	80'	90'	100'		
BEST	1	FP4222	3/4	30	50	7.5	6.5	5.1	4.0	3.0	2.5	1.8	1.5	1.0	56 PSI	
Better	1	FP4212	1/2	30	50	5.9	4.5	3.5	2.8	2.3	1.7	-	-	-	54 PSI	

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

Deep Well with 2" diameter casing

Pipe size required: 1-1/4" suction, 1" drive, 1" discharge

Purchase Jet Package FP4840 separately

PERFORMANCE INFORMATION																
Rating	Warranty (years)	Model	HP	Pressure Switch		Gallons per Minute Pumped at Different Depths to Water* in feet										Pressure Shut-Off at Max. Depth
				On	Off	20'	30'	40'	50'	60'	70'	80'	90'	100'		
BEST	1	FP4222	3/4	30	50	6.8	6.2	4.8	3.7	2.6	2.1	1.5	1.2	0.8	53 PSI	
Better	1	FP4212	1/2	30	50	5.3	4.3	3.0	2.5	1.9	1.5	1.1	-	-	54 PSI	

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

ACCESSORIES (sold separately, see page 45)

Required:

Check Valve or Foot Valve – see page 45

Pressure Relief Valve – TC2160

Jet Package – see information on page 33 or 41

Optional:

Pressure Gauge – TC2104