



Jet Pump Systems

- 115/230V AC
- Inlet: 1 1/4" NPT

Pump systems are centrifugal end suction pumps that use a jet pump ejector to generate a vacuum which helps draw water up the well. They come with a booster tank to ensure the pump will maintain a more consistent water pressure and supply water to homes or facilities without having to connect to a municipal water source. Jet pumps are installed above ground for repair and maintenance, and they eliminate damaging pump twisting common with submersible well pumps that causes them to strike against and damage the sides of the well casing.

Material of Constr.	HP	Amps	Flow Rate @ 10 Ft Lift @ 40 PSI	Tank Cap.	Max. Suction Lift	Shut Off Pressure	Includes	Brand	Item No.
Convertible Jet Pump Systems									
1 in-NPT Discharge									
Cast Iron	1/2	10.8/5.5	11.4 gpm	17.0 gal	100 ft	66 psi	Pump and Tank, Requires Ejector Sold Separately (see accessories depending on application)	Dayton	5UXL1
	1/2	10.8/5.5	11.4 gpm	30.0 gal	100 ft	66 psi	Pump and Tank With Air Volume Control, Requires Ejector Sold Separately (see accessories depending on application)	Dayton	5UXL0
	3/4	18/9	14.9 gpm	17.0 gal	110 ft	65 psi	Pump and Tank, Requires Ejector Sold Separately (see accessories depending on application)	Dayton	5UXL2
	1	20/10.5	17.8 gpm	17.0 gal	80 ft	75 psi	Pump and Tank, Requires Ejector Sold Separately (see accessories depending on application)	Dayton	5UXL3
Thermoplastic	1	17.0/8.5	18.4 gpm	17.0 gal	110 ft	66 psi		Dayton	4HFA5

Shallow Well Jet Pump Systems

3/4 in-NPT Discharge									
—	1/2	8.6/4.3	5.2 gpm	8.5 gal	25 ft	60 psi	Ejector, Motor, Pressure Switch, Pressure Tank and Connection Fittings from Pump to Tank, Pump	Flint & Walling	24PR57
	3/4	13/6.5	9.6 gpm	14 gal	25 ft	65 psi		Flint & Walling	24PR58
1 in-NPT Discharge									
Cast Iron	1/2	10/4.8	4.5 gpm	2.0 gal	25 ft	63 psi	1 x 3/4 in Adaptor, Ejector 5UXL4, Nozzle, Pump, Tank, Venturi	Dayton	5UXK7
	1/2	10.8/5.5	11.4 gpm	6.0 gal	25 ft	64 psi		Dayton	5UXK8
	3/4	18/9	14.9 gpm	6.0 gal	25 ft	65 psi		Dayton	5UXK9
Stainless Steel	1/2	9.6/4.8	3.5 gpm	6.0 gal	25 ft	60 psi		Dayton	4HFA2
	3/4	15.6/7.8	11.9 gpm	6.0 gal	25 ft	64 psi		Dayton	4HFA3
	1	10/4.8	3.3 gpm	2.0 gal	25 ft	63 psi		Dayton	4HFA4
Thermoplastic	1/2	10/4.8	4.4 gpm	6.0 gal	25 ft	63 psi	Pump and Tank	Dayton	4HEZ9
	3/4	10.8/5.5	5.6 gpm	6.0 gal	25 ft	63 psi		Dayton	4HFA1

* Standard tank.



Jet Pump Ejectors

Ejectors consist of a nozzle and a venturi attached to a compatible jet pump to create a vacuum that draws water up the well. **Shallow-well** jet pump ejectors connect to compatible shallow-well jet pumps for wells less than 25-ft. deep. The **deep-well** models connect to compatible deep-well or convertible well jet pumps for wells more than 25-ft. deep. All ejectors are commonly used in residential well applications.

No. of Pipes	For Use With	Includes	Item No.
Shallow-Well			
1	5UXK3 to 5UXK6, 5UXL0 to 5UXL3	Bolts, Gasket, Nozzles, Venturis	5UXL4
1	4HEZ4 to 4HEZ7, 4HFA4, 4HFA5	Check Valve, Nozzle, Venturi	4HFC1
Deep-Well			
1	4HEZ4 to 4HEZ7, 4HFA4, 4HFA5, 5UXK3 to 5UXK6, 5UXL0 to 5UXL3	Check Valve, Nozzle, Packer Cup Type Seals, Venturi	4HFC2
2	4HEZ4 to 4HEZ7, 4HFA4, 4HFA5	Foot Valve, Foot Valve Pipe Nipple, Nozzle, Plastic Suction Pipe Adapter, Venturi	4HFA9
2	5UXK3 to 5UXK6, 5UXL0 to 5UXL3	Bolts, Gasket, Nozzles, Venturis	5UXL5



Shallow-Well Jet Pumps

- 115/230V AC
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Supply water from wells up to 25-ft. deep and eliminate the need to connect to a municipal water source. They are mounted above ground for maintenance and repair compared to submersible well pumps that are installed in the well and need to be removed from the well for inspection. Pumps are not subject to pump twisting found in submersible pumps that causes them to strike against and damage the sides of the well casing. Ejector included.

Pump Material	HP	Amps	Flow Rate @ 10 Ft Lift @ 40 PSI	Shut Off Pressure	Includes	Brand	Item No.
3/4 in NPT Discharge							
Cast Iron	1/2 hp	8.6/4.3	8.7 gpm	72 psi	Diffuser, Drain Plug	Dayton	1D881
	1/2 hp	13.0/6.5	12.2 gpm	69 psi		Dayton	1D876
	3/4 hp	13/6.5	12.0 gpm	65 psi	Pressure Switch	Flint & Walling	24PR52
	3/4 hp	13.0/6.5	12.2 gpm	74 psi	Diffuser, Drain Plug	Dayton	1D880
1 in NPT Discharge							
Cast Iron	1/2 hp	10/4.8	4.5 gpm	66 psi	1 x 3/4 In. Adaptor, Nozzle, Venturi	Dayton	5UXJ8
	1/2 hp	10/5	7.3 gpm	67 psi		Dayton	5UXJ9
	3/4 hp	10.8/5.5	11.5 gpm	64 psi		Dayton	5UXK0
	3/4 hp	14.0/7.0	13.9 gpm	65 psi		Dayton	1D874
	1 hp	18.0/9.0	18.4 gpm	70 psi	Pressure Switch	Dayton	1D872
	1 hp	20/10.5	17.8 gpm	65 psi	1 x 3/4 In. Adaptor, Nozzle, Venturi	Dayton	5UXK1
Stainless Steel	1 1/2 hp	21.0/10.5	20.4 gpm	77 psi	Pressure Switch	Dayton	1D878
	1 1/2 hp	21.5/11	23.6 gpm	64 psi	1 x 3/4 In. Adaptor, Nozzle, Venturi	Dayton	5UXK2
	1/2 hp	9.0/4.5	2.7 gpm	59 psi		Dayton	4HEY8
	1/2 hp	9.6/4.8	3.5 gpm	60 psi		Dayton	4HEY9
Thermoplastic	3/4 hp	15.6/7.8	11.9 gpm	64 psi		Dayton	4HEZ1
	1 hp	18.0/9.0	17.1 gpm	84 psi		Dayton	4HEZ2
	1 1/2 hp	20.3/10.4	17.6 gpm	72 psi	Pump and Ejector	Dayton	4HEZ3
	1/2 hp	10/4.8	3.3 gpm	63 psi		Dayton	4HEY3
Thermoplastic	1/2 hp	10/4.8	4.4 gpm	63 psi		Dayton	4HEY4
	3/4 hp	10.8/5.5	5.6 gpm	63 psi		Dayton	4HEY5
	1 hp	15.6/7.8	12.3 gpm	63 psi		Dayton	4HEY6
	1 1/2 hp	17.2/8.8	21.1 gpm	63 psi		Dayton	4HEY7



Convertible Well Jet Pumps

- 115/230V AC
- Inlet: 1 1/4" NPT

Eliminate the need to connect to a municipal water source and are for use in shallow wells (up to 25-ft. deep) or deep wells (greater than 25-ft. deep) depending on the ejectors used. Pumps are mounted above ground for repair and maintenance compared to submersible well pumps that are installed in the well and need to be removed from the well for inspection. Jet pumps are not subject to pump twisting found in submersible pumps that causes them to strike against and damage the sides of the well casing. Required ejectors not included, see Jet Pump Ejectors this page.

Cast Iron—Adaptable to single-pipe shallow well or double-pipe deep well installations.

Thermoplastic—All wettable parts resist corrosives and abrasives found in most wells.

HP	Amps	Flow Rate @ 50 Ft. Lift @ 40 PSI	Max. Suction Lift	Shut Off Pressure	Includes	Item No.
Cast Iron Body, 3/4 in NPT Discharge						
1/2 hp	13.0/6.5	—	40 ft	—	Motor, Pressure Gauge, Pressure Regulator, Pressure Switch	1D877
Cast Iron Body, 1 in NPT Discharge						
1/2 hp	10.8/5.5	4.6 gpm	100 ft	66 psi		5UXK3
3/4 hp	14.0/7.0	4.6 gpm	50 ft	—	Requires Ejector Sold Separately (see accessories depending on application)	1D875
	18.0/9.0	8.6 gpm	110 ft	65 psi		5UXK4
	18.0/9.0	5.4 gpm	50 ft	—		1D873
1 hp	20.0/10.5	11.1 gpm	140 ft	75 psi	Requires Ejector Sold Separately (see accessories depending on application)	5UXK5
	21.0/10.5	7.5 gpm	60 ft	—	Motor, Pressure Gauge, Pressure Regulator, Pressure Switch	1D879
1 1/2 hp	21.5/11.0	14.0 gpm	140 ft	82 psi	Requires Ejector Sold Separately (see accessories depending on application)	5UXK6
Thermoplastic Body, 1 in NPT Discharge						
1/2 hp	10.0/4.8	2.5 gpm	60 ft	69 psi		4HEZ4
3/4 hp	10.8/5.5	3.6 gpm	80 ft	61 psi		4HEZ5
1 hp	17.0/8.5	9.2 gpm	110 ft	66 psi	Pressure Gauge	4HEZ6
1 1/2 hp	19.0/9.5	11.9 gpm	110 ft	67 psi		4HEZ7

