

Shallow Well Jet Pumps

Where Used

Shallow Well Jet Pumps are positioned above ground and can pump from 0' to 25' depth to water.

Typical Application

Mainly used for household water supply from a well, driven point, or open water source. Pumps should be used with Standard or pre-charged pressure tank.

Pressure Ranges:

Jet pumps turn on and off by a device called the pressure switch (included with all jet pumps). The pressure range indicates when the pump will turn on and off.

Typical Installations

The pump can be installed in a basement, utility room or crawl space, at the well, or between the well and the house. If installed outside, it should be protected by a pump house with heat, and not exposed to sun or moisture.

Frequently Asked Question

1. How can I determine which style pump I am replacing?

One pipe between water source and pump indicates a Shallow Well pump, two pipes Deep Well pump.

2. What additional items do I need?

Additional items needed	QTY	Internet#
1-1/4 in Check Valve	1	205618078
1-1/4 in Foot Valve	1	205618048
1-1/4 in Priming Tee	1	100120387
1 in Female PVC adaptor	2	100347423
1/2 in pressure relief valve	1	205149183
1-1/4 in PVC pipe schedule 80, or PVC pipe schedul 40		320028344 100348481
1-1/4 in Coupling (required if using PVC pipe)	1	203811387
1/2 in x 1/2 in Drain valve	1	205811822
4 in Well Seal	1	322280812
1-1/4 in Flexible PVC Coupling (required is using PVC pipe)	1	100055392
1 in Discharge Tee	1	203990025
1 in Male Adaptor	1	100404002
10 in Tank Tee (or recommended size based on tank size)	1	205618015
1/4 in Plug	1	100204497
2 in Pressure gauge 0-100 psi	1	205617969
1-1/4 in Male Adaptor	3	203811644

NOTE: Either Schedule 40 or 80 pipe will work in this installation. Be sure to check your state and local building codes.

NOTICE: In shallow well it is recommended to install or replace the foot valve, and a combination check valve.

These pumps should always be used with a pressure tank (The larger the tank, the less the pump will turn on and off.).

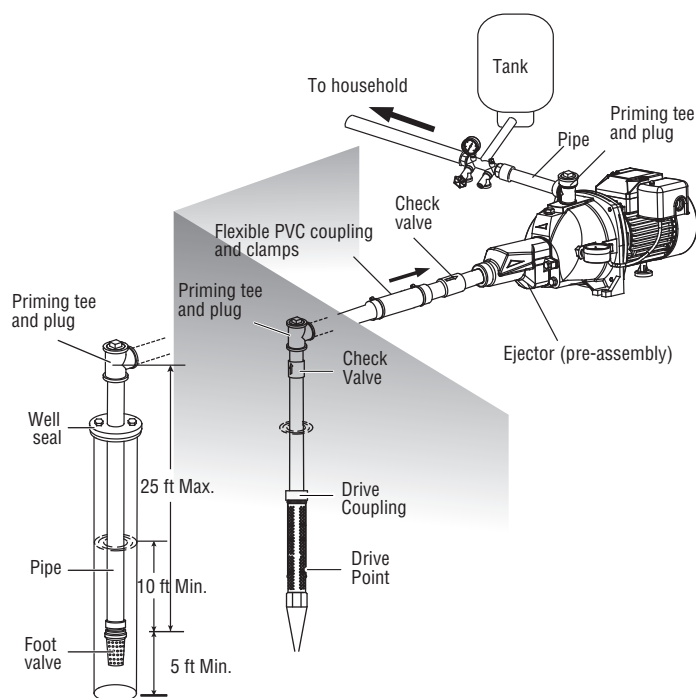
3. Will the pumps operate regardless of the voltage – 115 or 230?

The pump is factory pre-wired for 230 volts but can be changed to operate on 115 volts (see owner's manual).

When replacing an existing pump, look on the existing pumps identification label for voltage information.

4. Where is an ejector kit mounted on a Shallow Well Jet Pump?

The ejector kit is mounted onto the nose of the jet pump in front of the pump impeller.



Deep Well Jet Pumps

Where Used

Deep Well Jet Pumps are positioned above ground and can pump from 25' to 70' depth to water.

Typical Application

Mainly used for household water supply from a well, driven point, or open water source. Pumps should be used with Standard or pre-charged pressure tank. The larger the tank, the less the pump will turn on and off.

Pressure Ranges:

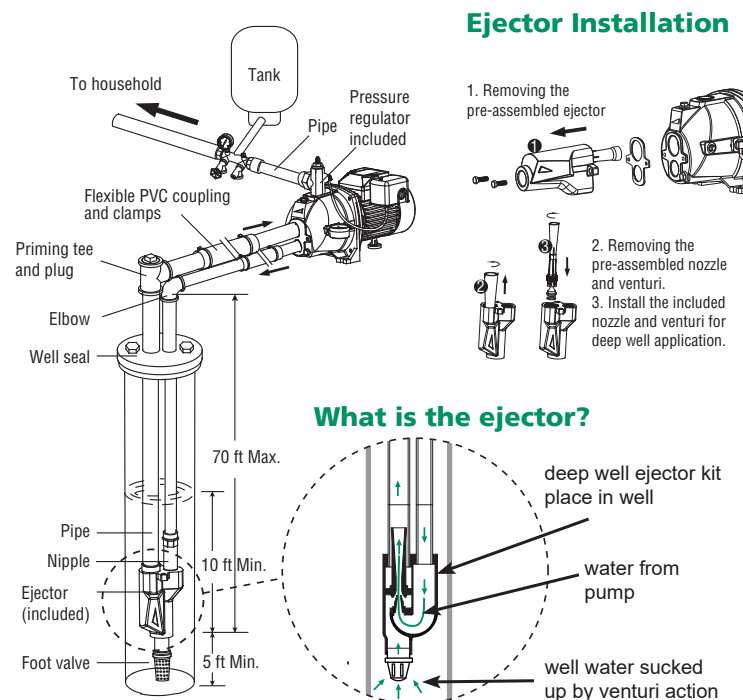
Jet pumps turn on and off by a device called the pressure switch (included with all jet pumps). The pressure range indicates when the pump will turn on and off.

Ejector kits are required for proper use of the Deep Well (convertible) jet pump. Without ejector kits, the pump would only move water – it would not build enough pressure to turn off.

NOTICE: When replacing an existing pump, the old ejector kit located in the well must be removed. Install the new ejector kit included with the pump.

Typical Installations

The pump can be installed in a basement, utility room or crawl space, at the well, or between the well and the house. If installed outside, it should be protected by a pump house with heat, and not exposed to sun or moisture.



Frequently Asked Question

1. How can I determine which style pump I am replacing?

One pipe between water source and pump indicates a Shallow Well pump, two pipes Deep Well pump.

2. What additional items do I need?

Additional items needed	QTY	Internet#
1-1/4 in Foot Valve	1	205618048
1-1/4 in Priming Tee	1	100120387
1 in Female PVC adaptor	4	100347423
1/2 in pressure relief valve	1	205149183
1-1/4 in PVC pipe schedule 80, or PVC pipe schedule 40		320028344 100348481
1-1/4 in Coupling (required if using PVC pipe)		203811387
1/2 in x 1/2 in Drain valve	1	205811822
4 in Well Seal	1	322280812
1-1/4 in Flexible PVC Coupling (required is using PVC pipe)	1	100055392
1 in Male Adaptor	1	100404002
10 in Tank Tee (or recommended size based on tank size)	1	205618015
1/4 in Plug	1	100204497
2 in Pressure gauge 0-100 psi	1	205617969
1-1/4 in Male Adaptor	4	203811644
1 in Schedule 80 PVC Pipe or Flexible Pipe		320079288
1 in PVC elbow	1	100346841
1 in PVC coupling		100343722
1 in x 3 in nipple	2	100191626
1-1/4 in x 4 in Galvanized Steel Nipple	1	100209692
1 in Flexible PVC Coupling (required is using PVC pipe)	1	202245805

3. Will the pumps operate regardless of the voltage – 115 or 230?

The pump is factory pre-wired for 230 volts but can be changed to operate on 115 volts (see owner's manual).

When replacing an existing pump, look on the existing pumps identification label for voltage information.

4. Where is the ejector kit located on a Deep Well Jet Pump?

The ejector kit is not mounted on the pump for a deep well application. The ejector is actually located in the well below the water level.

