

NOTE:

Well Busters assumes no liability to any party for any loss or damage, directly or indirectly caused by misuse of their products. It is the installer's responsibility to ensure that annular seal of the well is in tact and can withstand any pressure that may be exerted on it when the flowing artesian well packer is installed.

Read instructions carefully and apply safe working practices to all work sites.

Please contact Well Busters with any questions at:

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Or

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**Flowing Artesian Well
Packer**

Installation Manual

6" Schedule 40 PVC

6" Well Casing .280" Wall Thickness

6 1/4", 8" Well Casing .188" Wall Thickness

4", 5" Schedule 40 PVC and Steel Casing



Flowing Well Packer

**Protecting your
groundwater
resources!**

Installation Instructions

IMPORTANT

Please Note:

All models of the artesian well packer are designed for wells with an artesian head pressure of less than 20PSI. Please ensure that the well you intend to install this packer on has an artesian head pressure of less than 20PSI.

It is imperative that you understand there may be seasonal fluctuations in the artesian head pressure. Well Busters will not be held responsible for any damages that may occur if the well this packer is installed upon fluctuates to an artesian head pressure greater than 20PSI.

If you currently do not have one, Well Busters is able to sell you a device for the pressure testing of artesian wells.

NOTE

After installation if leaking of water is observed it is vital to check that no wires are jammed between the packer and well casing, if the wiring is not jammed and the unit is still leaking attempt to re-tighten the shaft. If leaking is still observed retrieve the unit from the well, remove the bottom air release valve and install a 1/4" or 1/8" plug (depending on your unit) and re-install the unit in the well if this process solves the issue contact Well Busters and a replacement valve will be immediately shipped.

Installation Procedure:

- 1 - It is imperative at this point that you again ensure that the artesian head pressure of the well is not greater than 20PSI, and the well casing is free from any algae or material that could potentially cause the friction of the rubber and the casing to be compromised.
- 2 - If the well you are installing the packer on has a jet pump or no equipment installed skip to step 7.
- 3 - If there is a submersible pump installed on the well, ensure that the power supply to it is shut off.
- 4 - Cut the wires running to the submersible pump.
- 5 - Crimp and heat shrink the wires from the submersible pump to those supplied with the well packer. (Ensure that you have enough slack wire on the top side of the packer).It is preferred to tape the wires together below the bottom of the packer for at least two feet and where possible to ensure the wires are not tapped to the supply water line close to the pitless adapter-this is to avoid wires becoming trapped between the casing and rubber once the unit is installed.
- 6 - Turn the pump on (if applicable), to relieve some of the artesian pressure.
- 7-Twist the rod prior to installation to create friction between the rubber of the packer and the inside of the casing in which it is being installed. Friction against the walls of the casing is essential to tightening the packer once it is at depth.

8 – Place the packer to the desired depth in the well (preferably below frost level). Twist the rod to tighten the packer and seal off the artesian flow.

9 - Turn the pump off, if applicable.

10 - Install warning tag to inform anyone accessing well that packer is under pressure

11 - Draw any water that is sitting on top of the packer out of the well casing.

12 - Install a vermin proof cap on the well.

Removal Procedure:

1 – If applicable, turn the pump on to relieve some of the artesian pressure on the flowing well packer.

2 – Remove the vermin-proof cap from the well.

3 – Slowly loosen the rod in the top of the packer to allow water to flow through.

4 – Pull the flowing artesian well packer out of the well.

5 – If applicable, and you plan on permanently removing the device from the well, shut the power to the submersible pump off.

6 – Cut the submersible pump wires on both the top and bottom side of the flowing well packer.

7 – Crimp and heat shrink the wires for the submersible pump back together.