

Edward Powell Pump & Well Drilling goes deeper with Johnson Screens' JSL Rapid PVC Drop Pipe.

JSL Rapid Drop Pipe enables deeper pump set depths while providing faster and more reliable installations

Background

Earlier in 2024, Edward Powell Pump & Well Drilling were working to install drop pipe in an irrigation well to provide water for their customer's nursery expansion. The deeper nature of the installation pushes the boundaries for what can normally be accomplished with PVC.

During the installation, however, it was discovered that the well pump was suffering from a defect. Because of this, 540 feet of drop pipe had to be removed and reinstalled with a new pump, which was later reinstalled with the fixed pump.



Challenge

As previously noted, Edward Powell Pump & Well Drilling needed to install 540 feet of 2" drop pipe for their customer's nursery expansion.

The problem is that previous offerings for PVC drop pipe solutions do not install to that depth. To install to that depth, they would either need to use a slower connection type or a more expensive pipe material to ensure a clean job.

Solution

The Johnson Screens JSL Rapid PVC Drop Pipe utilizes a patented key and slot design that minimizes torque rotation from startup, and arrive at the job site pre-assembled and complete with a single-button nylon spline assembly.

Made from durable stainless steel 304, JSL Rapid saves time and cost for users while still allowing for deeper sets vs. competitive PVC screening solutions.

Results

While our competitors may not be able to offer PVC solutions at the depth outlined previously, Johnson Screens was able to supply JSL Rapid Drop Pipe to accomplish just that.

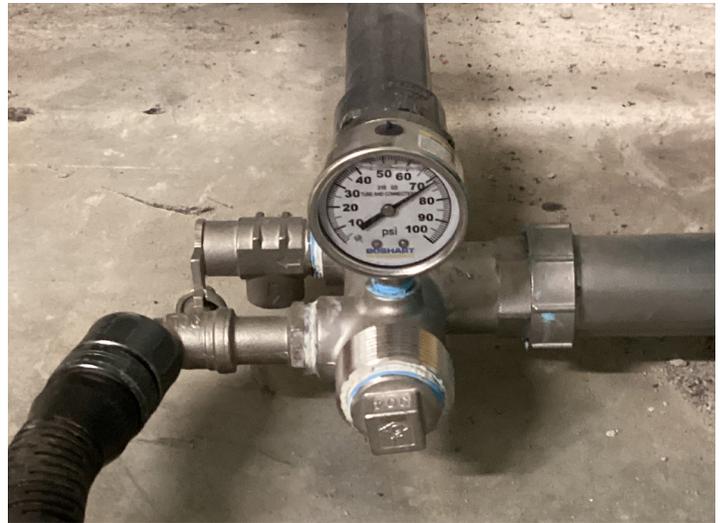
The installation of the JSL Rapid was not only quick and easy, but was able to be uninstalled to fix the pump and then reinstalled back into place just as easily and quickly. At the conclusion of the installation process, our solution held pressure and functioned as intended.

Johnson Screens' Fastest PVC Drop Pipe Installation

The JSL Rapid is part of the JSL family of spline-lock, anti-rotational drop pipe solutions. Designed for compatible use with PVC drop pipe, the JSL Rapid uses a patented design that reduces torque rotation from pump startup.

Made from no-lead stainless steel 304, JSL Rapid couplings arrive pre-assembled on PVC drop pipe complete with a single-button spline assembly. Thanks to these features, installation is very quick and requires no tools to install the spline.

Additionally, Johnson Screens signature Vee-Wire® technology makes our PVC screening solutions some of the strongest in the industry, ensuring high burst pressure and tensile strength. Consequently, the JSL Rapid allows for deeper sets than alternative PVC screening solutions. With a fast and straightforward installation process paired with unmatched strength, the JSL Rapid is ready to meet your needs!



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