



Waterwell and Groundwater Monitoring Newsletter

March 2014

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Canadian Pipe & Pump Supply is an industry leader engaged in the manufacturing and distribution of pipe product used in waterwell and groundwater monitoring applications. In addition, we supply pumps and accessories used in conjunction with our pipe. We firmly believe in helping our customers grow their businesses. Our skilled team of industry experts can help select the proper product for your application or help to design a custom solution.

We have four locations across Ontario to serve your needs. Please visit us at one of our branches located in Toronto, Orillia, Ottawa or Tillsonburg.

Variable 3" Grundfos SQ/SQE Pumps

Grundfos has more than 30 years' experience in manufacturing quality submersible motors that are consistently ranked among the very best. Grundfos' motors are well known for their high levels of efficiency, reliability, long operating life and their low Life Cycle Cost (as discussed last month).

We continue to proudly distribute Grundfos pumps and this month we will examine the variable speed 3" Grundfos SQ/SQE Pump models, whose key benefits are:

- High efficiency
- Compact, built-in electronics
- Constant pressure option

This line of pumps includes a compact, 3" multistage centrifugal pump that boasts the ability to be installed in a borehole that is the same diameter as the pump itself. With their integrated internal electronics, these pumps are extremely easy to install and operate. A standout feature of this pump is that you are assured to receive a reliable water supply all the time. These very flexible and compact pumps have outstanding efficiency levels and effectively supply pump heads up to 200 meters.



These pumps are ruggedly constructed and have been designed to go into the same applications as standard 4" pumps. Their light weight and small size make for fast, easy installation, which is a must for wells with less than ideal conditions. Due to its combination of advanced electronics and permanent-magnet motors, which allows for integrated Dry-Run Protection and Soft-Start, you have the ability to communicate and control this pump like never before.

One of its great design features is its use of "floating" impellers, each of which has its own tungsten carbide/ceramic bearing, which helps makes it extremely wear resistant. This pump also has reduced heat production and its spring loaded check valve allows it to be operated from vertical to horizontal to any orientation in between! These pumps are usually used for domestic water supply applications and small irrigation systems.

The SQE model allows for connection to the CU 301 for two-way communication, which permits variable motor speed controls. As always, you are welcome to ask your CP&PS representative any questions about this line of pumps. For more information [Click Here](#).

We look forward to your business and partnering with you to help drive your growth in 2014.

Sincerely,

Robert Martini
Vice-President General Manager