CDS-JOHN BLUE COMPANY

News Flow

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CDS-John Blue Corner

Check out the NEW Mobile Flow Rate Calculator on the CDS-John Blue Web Site for your Application Rates: The Mobile Calculator is fully functional and designed for smaller-screen devices such as tablets and mobile modern smart phones with a web browser that supports JavaScript (most do). It's designed to be used in the field where an Internet data connection may or may not be available. Of course, we still offer the desktop calculator too.

Price Update: Please note the new list prices for following foam marker part numbers:

FM-901227 $79.83

FM-250034 $2.17

Push Connect Fittings: CDS-John Blue Company now offers push connect fittings for Delivery Line Check Valves and VisaGage II Flow Monitors. Available in 1/4", 5/16" and 3/8". See our web site for more information.

Just Released at WAE, NFMS and Commodity Classic Shows

New and Improved CDS-John Blue Impellicone Splitter

Features:

- Same Impellicone technology now available in the splitters.
- All CDS-John Blue Splitters have a spiral needle, which spins and mixes the liquid and gas for even distribution.
- Our precision splitters should be used when 3, 4 or 6 CDS-John Blue Impellicones are used in parallel.

Part Number	Description
IPS2-4	4 Port Impellicone Splitter
IPS2-6	6 Port Impellicone Splitter

Outlets can be plugged if desired.

More information about the CDS-John Blue Impellicones and Splitters are on our web site at www.cds-johnblue.com.

Liquid Blockage Monitor System Updates

The CDS-John Blue LBMS was awarded the AE50 Award prior to the National Farm Machinery Show. The award was presented to Jason Stewart, Engineering Manager, by the American Society of Agricultural and Biological Engineers.

Not only is the LBMS the only system on the market to show both **low flow and no-flow**, the premium iPad system also shows **high-flow**. Plus now the app can be run in the background on the iPad system.

Check out the recent video regarding LBMS that was made during The National Farm Machinery Show. The video is available on our web site at: **www.cds-johnblue.com.**

CDS-John Blue

Centrifugal Pump Line

By Ty Chancelor, Design Engineer

CDS-John Blue produces over 35 models of 2" and 3" centrifugal pumps. These pumps come in two main designs, straight pumps and self-priming pumps. Each design offers many advantages. Our 3" straight pump produces flow of 365 gpm and a maximum pressure of 60 psi when used in flooded suction situations. The self-priming pump is used in situations where a flooded inlet is not available. The 3" self-priming pump gives off 308 gpm with a maximum pressure rating of 65 psi.

When comparing our popular 3" self-priming pump, the SP-3320, with another self-priming pump, we noticed that our pump was much more efficient. Our testing showed our design provided a positive performance difference once pressure is applied to the system. This is significant because most pump applications will see some back pressure in their system due to head loss in line length, height change, elbows etc. The SP-3320 performance curve maintained a more gradual curve so its flow reduced at a much slower rate. **Figure 1** shows the percentage of maximum flow we saw at the given pressure. As seen at 5 psi the CDS-John Blue Pump produces 98% of its total rated flow. At 35 psi we could see a real performance advantage meaning shorter transfer times. At 50 psi, while some other pumps have nearly stopped pumping, users with our pump are able to finish their job quickly. This clearly shows the SP-3320's efficiency when placed in a pressure application.

Another great thing about our centrifugal pumps is their durability and ease of maintenance. Our pumps are made with high quality cast iron and are intended to last for the long haul.

If you plan to disconnect the pump from the motor at any time, using our pumps would be in your favor. Simply unscrew the motor bolts and loosen the shaft clamp in order to easily slide the pump off shaft. Some other manufacturers designed their pumps to mount directly to the shaft by means of bolting the impeller into the motor shaft end. If you are using a pump with this design then you know that in order to detach pump from the motor you must disassemble the pump and remove the bolt securing the impeller. This is a timely-process and can be unfavorable if a swift changeover is required.

Our balanced enclosed impeller, high quality materials and thoughtful design are just a few of the many benefits of a CDS-John Blue Centrifugal Pump. All of our centrifugal pumps come with a two year unconditional warranty. Call our sales team today and let them help you or your customer decide which model is right for your specific application.

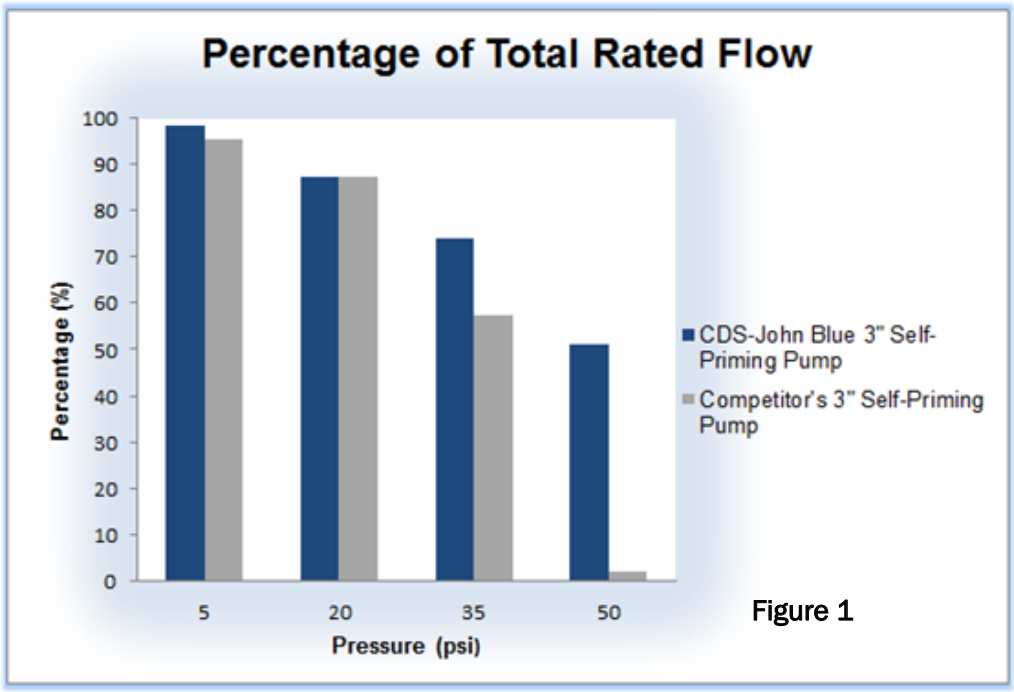

Figure 1