CDS-JOHN BLUE COMPANY

# News Flow

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## CDS-John Blue Corner

Congratulations to Kelli Smith –she was recently promoted to Assistant Controller. Kelli began her career at the company 15 years in accounts payable/receivables. Currently her responsibilities include accounting, human resources and IT.

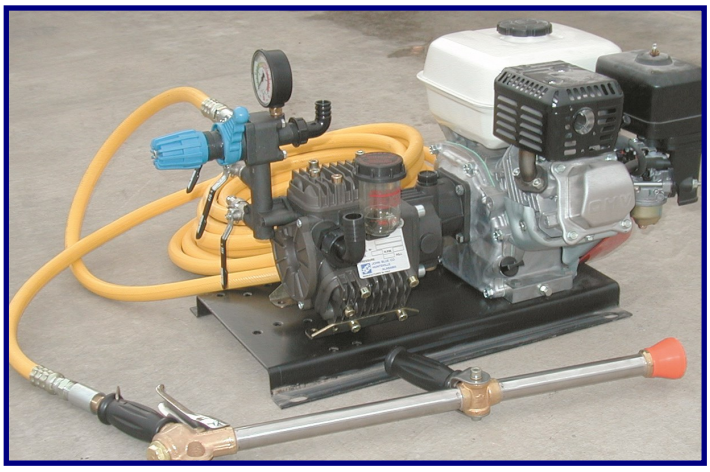
Summer Schedule-Please note that CDS-John Blue Company will be closed for the following summer holidays: July 4 and September 1. We wish you and yours a fantastic summer.

Summer Farm Show Season is almost here-Please contact the sales department for literature. Don't forget to include information on the new exciting Liquid Blockage Monitor System.

Exciting News –See the back page for what we are up to at CDS-John Blue Company.

**CDS-John Blue Medium Pressure Diaphragm Pumps**

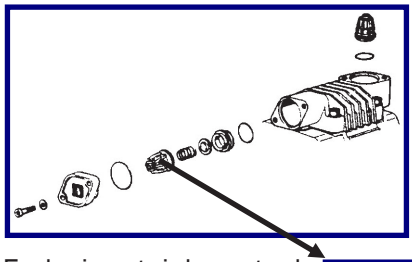
# See The Benefits For Yourself

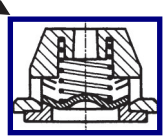


CDS-John Blue offers a complete line of diaphragm pumps and accessories. This month we are featuring our full line of Medium Pressure Diaphragm Pumps.

**Lets us show you the features of the CDS-John Blue Medium Pressure Pumps:**

- We offer 4 medium pressure pumps from 7.4-18.5 gpm with pressure ratings from 0 to 580 psi.
- Each piston has 2 pistons for improved seal plus it keeps a film of oil between the piston and diaphragm.





- Exclusive stainless steel check valve design (above) ensures perfect sealing performance due to its unique spherical shaped poppet and conical seal.
- Ball bearings on the crankshaft for increased life.
- The uniquely shaped piston reduces wear against the diaphragm.
- The pump's design delivers high volumetric efficiencies and more pumping capacity.
- Customers rave that the 3-piston semi-hydraulic diaphragm pumps ensure a smoother, quieter operation.
- Convenient visual oil-level indicator.
- Pumps can be run dry.

**The following models are available exclusively from CDS-John Blue Company:**

- **DP-74.1** max flow 7.4 gpm@550 rpm
- **DP-90.1** max flow 9 gpm@550 rpm, 10.6 gpm@650 rpm
- **DP-139** max flow 13.9 gpm@550 rpm and 145 psi. Max pressure 580
- **DP-185.1** max flow 18.5 gpm@550 rpm and 145 psi. Max pressure 580

**Irrigation Injection Pumps**

# Tips When Starting Up Irrigation Pumps

Your customer has stored their irrigation pump all winter and now has a few questions. This guide, along with the complete guide on our web site: www.cds-johnblue.com, will help you answer those start-up questions.

**When first starting the pump—**Always make sure the product is gravity fed. Set the pump on full stroke and run the pump until the air is purged from the system. Then simply set to the desired application rate. Remember to always run the pump with the safety cover in place.

**If fertilizer is not getting to the pump-** The pump should gravity feed to the inlet side of the pump. The fittings, pipe joints and filter bowl are all connections that may have air leaks and should be tightened. Check filters for restrictions. Hoses and valves should be sized correctly so temperature and viscosity do not restrict the flow. Don't forget to make sure all valves are open to allow proper flow.

**The pump is air locking and not clearing air out of the delivery lines–** Our pumps are self-priming and should clear itself after five minutes of air in the line. But if not, check the stroke length and make sure it is at full stroke, this will enable any particulates to be flushed through the system.

**Fertilizer is oscillating back and forth in the pump and not being pumped into the water system-**Dirt on the sealing surfaces of the check valves can cause oscillating. The check valves should be flushed out, if this doesn't solve the problem the check valves can be removed, inspected and cleaned. Complete instructions are included in the Parts and Instruction Manual found in the pump box or online at our web site: www.cds-johnblue.com.

**Not working against back pressure-** Make sure the check valves are clean. Also make sure the hoses and valves are properly sized for the pump's flow. The inlet hose is more important then the discharge hose as an undersized hose can starve a pump.

**Incorrect volume or fluctuating volume-**see oscillating fertilizer instructions listed above. Check for air leaks, flow restriction and that the filter is clean and operating properly. Over time the rod-end bearing will wear and effect the stroke length. If this has occurred replace the bearing.

**Don't forget the special in-season pricing deal.** For a single order of 50 E-Z Meter Pumps or more in any configuration, you will receive early order pricing.

# CDS-John Blue Is Moving

See what we are up to at CDS-John Blue Company. We've outgrown our current building and we are moving into a new one later in the summer. Our phone numbers will stay the same, but our Huntsville address will be changing. The move is planned for the end of the summer. Our new address information will be sent to you at the time.