

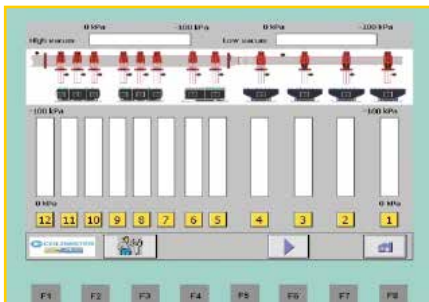


## Our SmartVac™ Self-Regulating Vacuum Valve System Provides Better Response Time and Greater Flexibility.

*A well designed and operated wet end vacuum system not only improves paper quality but can also reduce power consumption. Uncontrolled vacuum can cause two sidedness, poor formation, pin holing, poor retention and on some older machines, stalling.*

As a part of our package of Wet End Optimization Products and Services, Coldwater is pleased to offer our SmartVac Self-Regulating Vacuum Valve System. These valve systems offer clear benefits compared to traditional ball and butterfly valves with an actuator and positioner. SmartVac valve's response time and flexibility are far better and specially designed for precision vacuum control.

With our SmartVac vacuum valve, vacuum is controlled by the input air pressure to a chamber between two rolling diaphragms over two pistons with different diameters. This air pressure is in balance with the pressure in the valve/suction box, and the weight of the piston. Any variation in paper or fiber quality, which has influence on permeability, will be picked up by this "balance" instantaneously, and the vacuum will stay constant for a wider variation than any other type of valve.



*Reliable Innovation for Consumables & Optimization*

Atlanta & Appleton USA / Karlstad Sweden / Kunshan China

*To learn more or to locate the Wet End Components Specialist most convenient to your mill, please visit [coldwatergroup.com](http://coldwatergroup.com).*