**Diaphragm Chemical Dosing Pump Won’t Vapor Lock**

Blue-White’s exclusive hyperdrive technology ensures the Multi Diaphragm CHEM-FEED® CD3 will deliver smooth, precise and dependable chemical feed with no vapor lock and no lost prime.

Chemical Dosing Pumps equipped with a single diaphragm have a pumping cycle that consists of a suction and discharge phase. The resulting intermittent pumping of chemical, specifically during the suction phase of the cycle, can cause gas to buildup in the pump head, which in turn may cause vapor lock and loss of prime.

This is where the alternative of a Duplex Head Design makes all the difference. With CD3 when the first diaphragm is in the suction phase, the second diaphragm is in the discharge phase. This results in gaseous fluids being continuously pumped through the pump head and out.

WEFTEC Booth 1817

<https://www.blue-white.com/product/cd3-multi-diaphragm-metering-pump/>