

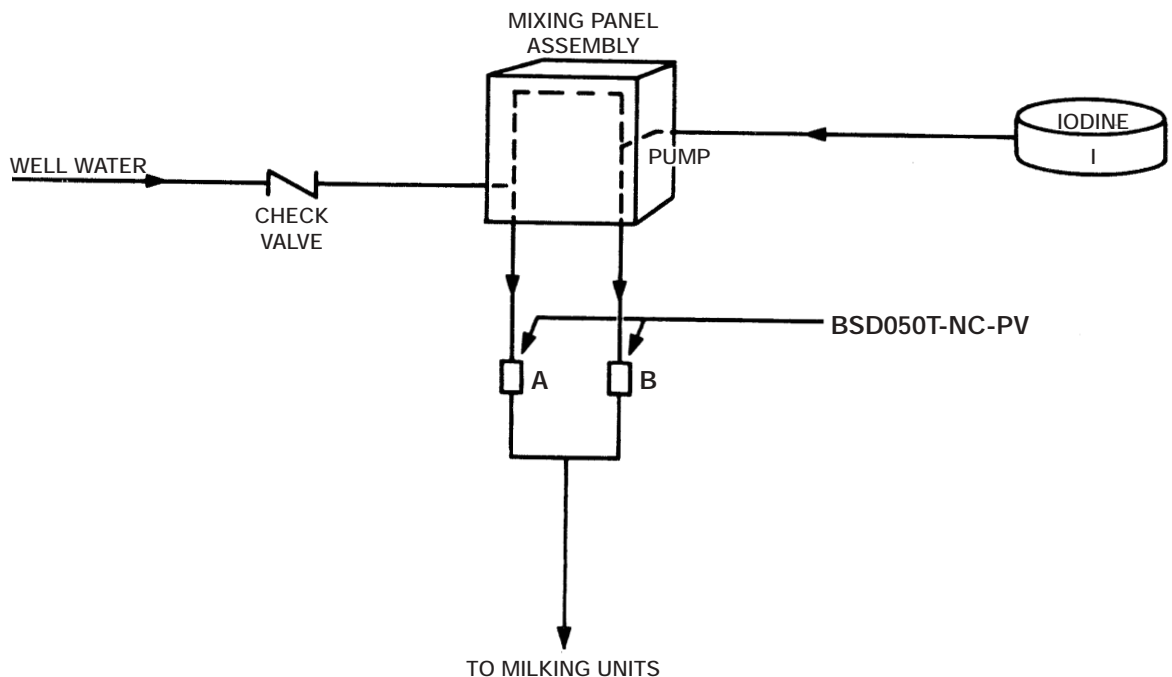
MARKET Dairy Industry

PRODUCT(S) Series BSD Air-Operated Diaphragm Valves

REQUIREMENT To provide both chemical resistance and non-contaminating benefits with the purifying solution.

PROCESS FLUID(S) Iodine (I) and Water (H₂O) Sanitizing Mixture

INLET PRESSURE/TEMPERATURE 20 PSI / Ambient



Dairy farm has sanitizing procedure to cleanse milking units following every milking run to prevent cow disease. Iodine is drawn into the mixing panel that contains water regulator, water meter and chemical metering diaphragm pump. Iodine is dosed into pre-regulated flow line through

Series BSD valve "B" to milking units. Following sanitation valve "B" is closed, valve "A" is opened and milking units are flushed with water prior to next milking run. Series BSD Valves were selected for chemical compatibility, miniature size, weight, air consumption and cost.