

AquaBlend Potable Water Mixing System

PAC CONTACTORS

AquaBlend provides mixing of water treatment process and storage tanks using impurity-free compressed air. In potable water storage tanks, mixing is an effective tool for meeting regulatory requirements for control of microbial contaminants and reduction of disinfection byproducts (DBPs). The system provides mixing in sludge tanks to maintain homogeneity and in powdered activated carbon (PAC) contactors to improve removal efficiency of unpleasant taste and odor compounds.



KEY ADVANTAGES FOR POWDERED ACTIVATED CARBON (PAC) CONTACTORS:



Energy Efficiency:

- Less than 40% of the energy consumption of mechanical mixing

Process Optimization:

- Variable mixing intensity capable of producing the optimal mixing regime at the minimum energy input
- Proven uniform, bottom-up mixing using impurity-free, high-pressure air

Unparalleled Flexibility:

- Firing parameters of duration and frequency are operator adjustable
- No platforms or walkways required to access in-tank equipment



Straightforward Operation:

- Duty and standby compressors deliver mixing air versus multiple mechanical mixers
- Requires only one-third the operations and maintenance of mechanical mixing



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TO DISCUSS HOW AQUABLEND CAN OPTIMIZE YOUR POTABLE WATER MIXING SOLUTIONS.