

A Chemical Feed System of Top Quality



The **CA 3030 Chemical Feed System** is a diaphragm type chemical feed pump. Fluid is pumped from a chemical storage tank to the point of injection by the pulsing action of a diaphragm. Four check valves keep the fluid flowing toward the point of discharge. All wetted parts are very resistant to most chemicals. When used to raise pH levels from 5.0 to 7.0 the CA 3030 is installed to feed Hydroflo Soda Ash depending upon raw water pH levels. The chemical solution usually needs to be replaced every 6 to 8 weeks. In addition, the CA 3030 can be used to oxidize iron, sulphur, and maganese contaminants with the use of chlorine and filtration. Chlorine also acts as a disinfectant and can be mixed with soda ash to control bacteria.

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Features Include:

- 💧 Fully adjustable output capacity over operating range.
- 💧 Corrosion resistant plastic and rubber solution handling for every application.
- 💧 Life-time lubricated, sealed and self-maintaining gear train, heavy-duty fan cooled motor.
- 💧 Metal reinforced short-stroke diaphragm for extra long life.
- 💧 Four ball valves for trouble free operation and ease of maintenance.
- 💧 Strong, chemically resistant, flame retardant housings.
- 💧 Operating pressures up to 100 psi, feed rate adjustable 0.0 to maximum rating.*
- 💧 High density, linear polyethylene solution containers.

*Actual feed rates will vary depending on solution viscosity and actual operating pressure.

Specifications

Model Number	Pressure Range	Output Capacity	Strokes Per Minute	Electrical Requirements	Temperature Limitations
CA 3030	0-100 psi	0.0-30 gpd	51	115V or 230V 50/60 Hz	125°F Max. Pump Components

Materials of Construction

Description	
Pump Head	Tyrl
Diaphragm Valve Seats	Hypalon
Gaskets	Teflon
Discharge Tubing	Polyethylene
Suction Tubing	Flexible PVC
Ball Checks	Ceramic
Fittings	PVC
Solution Container	High Density Polyethylene