

Press Release



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For Immediate Release

Packed Plunger Metering Pumps That Can Be Run Dry

Jaeco Hi-Flo™ packed plunger, positive displacement, metering pumps can be run dry without pump failure. Hi-Flo pumps have been providing heavy-duty, virtually maintenance-free, accurate metering of both chemicals and solutions at higher flow rates and/or pressures for over fifty-five years. Available in both simplex and duplex models, pump capacities range from 20 to 682 GPH at pressures up to 7,200 PSI with an accuracy of $\pm 0.5\%$ at steady state.

Pump capacity is manually adjustable from 0 to 100% by varying piston stroke length, but only while the pump is stopped, as a safety precaution and for tamper resistance. Capacity is also easily automated using a variable-speed drive.

A single ball check valve, standard on both suction and discharge side of pump, provides accurate metering and fast response. The valve ball turns with the fluid flow, constantly presenting a new face to the seat, while also making it self-cleaning. Larger model pumps have a clamped column, suction and discharge check valve assembly that can be easily cleaned, inspected or replaced without breaking pipe connections.

Duplex pump pistons are normally 180° out of phase, but can be synchronized so that two fluids can be pumped simultaneously. Different size pistons can be used on each side of duplex pumps to produce different outputs.

Jaeco Hi-Flo pumps are supplied on base plate with or without motor. A wide range of motor options and accessories are available.

Jaeco also manufactures Diaphragm metering pumps with capacities from 0.8 to 56 GPH at pressures up to 1,200 PSI, stainless steel (SS) ball and poppet check valves and SS compression fittings.

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