

Press Release



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For Immediate Release

Diaphragm Metering Pump With Continuous Gear Lubrication

JaecoFram 1™ hydraulically actuated diaphragm metering feature a patented, heavy-duty, continuously lubricated gear reduction system for improved pump performance and longer pump life. Proven in use for over fifty-five years JaecoFram pumps are specially designed for accurate, completely leak-proof metering of difficult-to-handle liquids.

Pump capacities range from 0.8 to 56 GPH at pressures up to 1,200 PSI with an accuracy of 0.5% at steady state.

Available in both simplex and duplex models, JaecoFram 1s have separate chambers for hydraulic fluid and gear lubricant making it possible to use the best medium for hydraulic diaphragm pulsing and the best medium for gear lubrication. Hydraulic actuation of the diaphragm minimizes diaphragm fatigue while a built-in hydraulic relief valve protects the pump. The result is better performance and longer life. Capacity is manually adjustable while pump is running or idle over a turn-down ratio of 10:1. Capacity is also easily automated using a variable-speed drive.

Liquid ends are available from stock in 316 stainless steel, PVC, Alloy 20 or Hastelloy-C. JaecoFram 1 pumps are supplied on base plate with or without motor. A wide range of motor options and accessories are available.

Jaeco also manufactures packed plunger metering pumps with capacities from 0.38 to 682 GPH at pressures up to 7,200 PSI, stainless steel (SS) ball and poppet check valves and SS compression fittings.

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