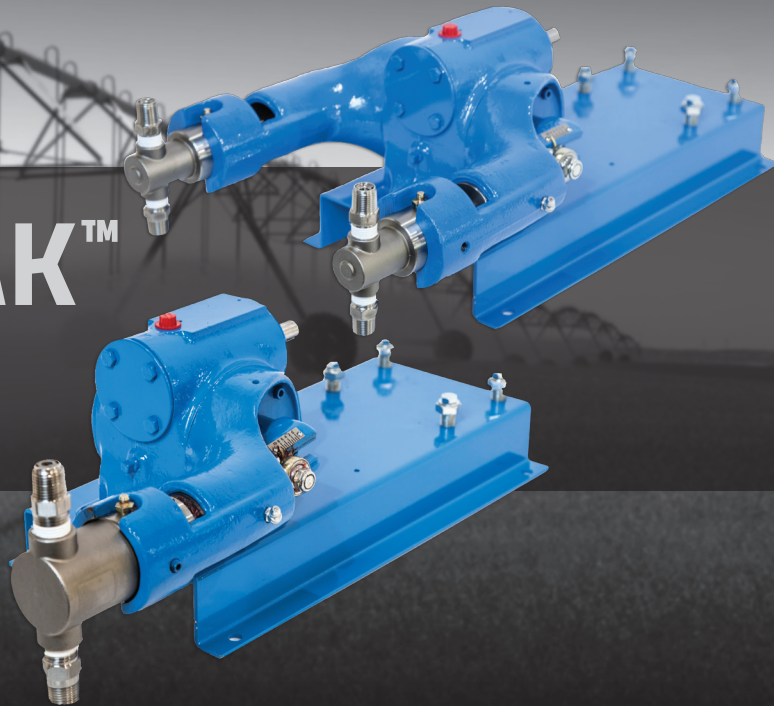


JAECOAGRI-PAK™

Packed-Plunger Metering (Injection) Pumps



10.7-190 GPH Flow Rate
Pressures up to 520 PSIG

- A low-cost, uninterrupted, trouble-free service for the continuous, accurate metering of chemicals and solutions.
- Available in simplex and duplex models, field convertible from simplex to duplex

FEATURES & BENEFITS

- Positive displacement supplies a simple and virtually maintenance-free approach to accurate chemical feed.
- Pumps can run dry without pump failure.
- Rate of injection is manually adjustable, but only while pump is stopped, as a safety precaution and for tamper resistance.
- Rate of injection is adjustable for a turn-down ratio of 10:1.
- Accuracy of $\pm .5\%$ at steady state.
- Single ball check valve, standard on both suction and discharge side of the pump, provides accurate metering and fast response.
- Because it is a true positive displacement pump, a safety relief valve on all closed loop systems is required to prevent possible over pressuring the discharge line.
- Duplex pumps can have different size pistons.
- Complete with single-phase or three-phase motor.
- Additional motor options available.
- All units come epoxy painted, completely assembled on a base plate and have been fully tested.

SULFURIC ACID/INFURIC APPLICATIONS

- For those special applications of applying Sulfuric Acid or Infuric, the recommended material of construction is Alloy 20. Consult factory for Alloy 20 material.

MOTOR OPTIONS

- Single or Three Phase
- 12V DC
- Variable Speed Motor Drive
- V-Belt
- Gasoline

ACCESSORIES

- Pressure relief valves
- Calibration columns
- Back pressure valves
- Pulsation dampeners

MATERIALS

LIQUID END:

316 Stainless Steel - Standard
Alloy 20 - Optional

SEALS:

Neoprene - Standard
PTFE - Optional
Viton® - Optional



JAECOAGRI-PAK™ MODELS

MODEL #	LIQUID END	MAXIMUM CAPACITY ⁽¹⁾			
		SIMPLEX		DUPLEX	
		GPH ⁽²⁾	PSI	GPH ⁽²⁾	PSI
A12-072-S2N2	316SS	10.7	520	21.4	520
A12-115-S2N2	316SS	17.8	350	35.6	350
A12-172-S2N2	316SS	31.0	200	62.0	200
A20-072-S2N2	316SS	30.0	170	60.0	170
A20-115-S2N2	316SS	50.0	120	100.0	120
A20-172-S2N2	316SS	75.0	75	150.0	75
M20-172-S2N2	316SS	95.0	75	190.0	75

1. Capacities with 1/3 HP motor at 1725 rpm. 2. Flow rates are based on water at maximum rated pressure. These are the most common size agricultural pumps. Other sizes and materials available. Model #M20-172-S2N2 will require a 3/4 HP motor.



HOW TO ORDER

Determine type of Jaeco pump to use. Select appropriate model from capacity/pressure chart. Or, contact your Jaeco representative with the following information: fluid name, concentration and compatibility; fluid properties – viscosity, temperature, vapor pressure, particle matter size and percent; maximum and minimum operating capacities and type of capacity adjustment required; maximum discharge pressure and minimum available suction pressure; and type of motor drive preferred and available power source. Also include additional pertinent information such as pumping system tolerance for pulsating flow/pressure and liquid's degree of abrasion or corrosion.

WARRANTY

Jaeco pumps are warranted for one year against defects in parts or workmanship from day of shipment for all parts with the exception of the normal wear items, which are the packing and the check valves. Packing and check valves are warranted for one year from date of shipment.

SHIPMENT

Most JaecoFram pumps can be shipped within 48 hours after receipt of order. If required, spare parts can be shipped the same day when the order is received before noon.