

JAECOAGRI-FRAM™

Hydraulically-Actuated Diaphragm Metering (Injection) Pumps



6.9-56 GPH Flow Rate
Pressures up to 1,000 PSIG

- Specially designed for accurate, completely leak-proof metering of difficult-to-handle liquids.
- Available in simplex and duplex

FEATURES & BENEFITS

- Separate chambers for hydraulic fluid and gear lubricant make possible the use of the best medium for hydraulic diaphragm pulsing and the best medium for gear lubrication. The results are better pump performance and longer pump life.
- Pumps can run dry without pump failure.
- Patented, heavy-duty gear reducer system for superior performance.
- Hydraulically-actuated diaphragm minimizes diaphragm fatigue.
- Built-in hydraulic relief valve protects the pump.
- Rate of injection is manually adjustable while pump is running or idle.
- Rate of injection is adjustable for a turn-down ratio of 10:1.
- Accuracy of $\pm .5\%$ at steady state.
- Easy-to-read stroke length adjustment dial.
- No plunger seals to leak or replace.
- Single ball check valve, standard on both suction and discharge side of the pump, provides accurate metering and fast response.
- 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 materials of construction are Alloy 20 or PVC.

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:	DIAPHRAGM:
316 Stainless Steel - Standard	PTFE - Standard
PVC - Standard	
Alloy 20 - Optional	
Hastelloy-C - Optional	



www.jaecofs.com ■ 1-877-778-3456

JAECOAGRI-FRAM™ MODELS

MODEL #	LIQUID END	MAXIMUM CAPACITY ⁽¹⁾			
		SIMPLEX		DUPLEX	
		GPH ⁽²⁾	PSI	GPH ⁽²⁾	PSI
A11-172-S2T2	316SS	6.9	1000	13.8	1000
A11-172-S7T2	PVC	6.9	150	13.8	150
A19-058-S2T2	316SS	9.0	440	18.0	440
A19-058-S7T2	PVC	9.0	150	18.0	150
A19-115-S2T2	316SS	18.5	300	37.0	300
A19-115-S7T2	PVC	18.5	150	37.0	150
A19-172-S2T2	316SS	28.0	250	56.0	250
A19-172-S7T2	PVC	28.0	150	56.0	150

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.

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.