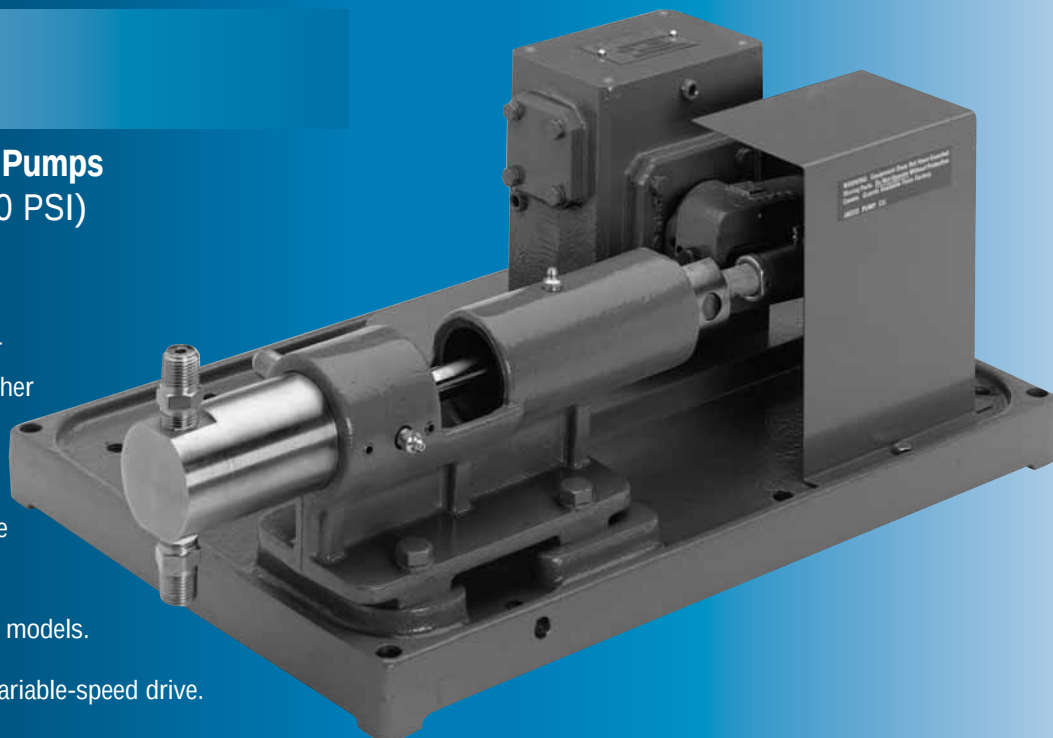


Jaeco Hi-Flo™

Packed Plunger Metering Pumps (20 to 682 GPH; up to 7200 PSI)

Features/Benefits

- Heavy duty positive displacement for continuous, accurate metering at higher flow rates and/or pressures.
- Positive displacement supplies a simple and virtually maintenance-free approach to accurate chemical feed.
- Available in both simplex and duplex models.
- Stroke rate easily automated using variable-speed drive.
- Capacity is manually adjustable, but only while pump is idle, as a safety precaution and for tamper resistance.
- Stroke length is 0 to 100% adjustable for a turn-down ratio of 10:1.
- Available with motor or as bare pump.
- Single ball check valve, standard on both suction and discharge side of the pump, provides accurate metering and fast response. Valve ball turns with fluid flow, constantly presenting a new face to the seat, and is therefore self-cleaning.
- 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.
- Integral lantern ring for packing lubricant may be used for internal purging when handling crystallized, corrosive or other hazardous liquids.
- Packing adjustment screwed gland nut ensures even take-up and fewer packing problems.
- Models 324, 332 and 340 have a clamped column, suction and discharge check valve assembly that can be easily cleaned, inspected or replaced without breaking pipe connections.
- Accuracy of $\pm .5\%$ at steady state.
- All units come epoxy painted, completely assembled on a base plate and have been fully tested.



Materials of Construction

Liquid End: 316 Stainless Steel
Alloy 20

Seals: Neoprene
PTFE
Viton®

Options

- Double ball check valves with or without spring-loaded balls.
- Purge-port plugs, available in cylinder end, can be used to bleed air during and after start-up and to solvent-purge the liquid end. They also provide easy access to the cylinder without breaking pipe connections.

Motor Options

- Electrical
- Gas
- Air
- Belt-driven

Accessories

- Safety relief valves
- Back pressure valves
- Calibration columns
- Pulsation dampers

Models

Model# ⁽¹⁾	Maximum Capacity GPH ⁽²⁾		Maximum Pressure PSIG ⁽³⁾						
	Simplex	Duplex	¾ HP	1 HP	1½ HP	2 HP	3 HP	5 HP	7½ HP
312-058-	20	40	710	965	1440	1925	2970	4800	7200
312-086-	30	60	550	760	1190	1450	2180	3600	5400
316-058-	36	72	400	540	810	1080	1670	2700	4000
316-086-	54	104	305	425	665	815	1225	1750	2600
324-043-	60	120	225	325	450	600	950	1250	1900
324-058-	81	161	175	240	360	480	740	1200	1800
324-072-	101	202	165	235	355	435	655	1050	1600
324-086-	123	246	135	190	295	360	545	900	1300
332-058-	144	288	100	135	200	270	415	600	1000
332-072-	181	362	90	130	200	245	370	550	900
332-086-	218	436	75	105	165	205	305	500	750
340-086-	341	682	N/A	65	105	130	195	300	450

1. Jaeco model numbers consist of 10 digits. See explanation.

2. Flow rates are based on water at maximum rated pressure.

3. For steel construction, maximum temperature is 350°F.

Jaeco Hi-Flo Model #s

A BB - CCC - D E F G - (H)

A — 3 = Jaeco Hi-Flo

BB — Plunger Dia.: 12 = 3/4", 16 = 1",
24 = 1½", 32 = 2", 40 = 2½"

CCC — Speed in strokes per minute

D — S = Simplex, D = Duplex

E — Liquid End Material
2 - 316 Stainless Steel
3 - Alloy 20

F — Packing: N = Neoprene, T = PTFE,
V = Viton

G — Motor Horse Power

4 - 3/4 HP 8 - 3 HP

5 - 1 HP 9 - 5 HP

6 - 1½ HP 0 - 7½ HP

7 - 2 HP Y - less motor

(H) — Options: Consult factory

How to Order

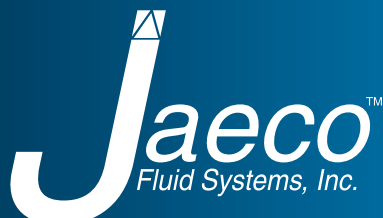
Determine type of Jaeco pump to use. Select appropriate model from capacity/pressure chart. Or, contact your Jaeco representative with the following information: fluid name, concentration and compatibility; fluid properties – viscosity, temperature, vapor pressure, particle matter size and percent; maximum 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 three years 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 Simplex Hi-Flo pumps can be shipped within three to four weeks and most Duplex pumps within four to six weeks after receipt of order. If required, spare parts can be shipped the same day when the order is received before noon.



17 Lee Boulevard, Suite D • Malvern, PA 19355-1234

Toll Free: 1-877-778-3456 • Phone: 610-407-7207

Fax: 610-407-7211 • www.jaecofs.com