

DIAPHRAGM-TYPE INJECTION METERING PUMPS

Basic and High-Volume Styles

FPUDT600 Series



- Simple, Efficient Design
- Front-Mounted Head
- Can Run Dry—Up to 790 Gallons per Day
- Wall-Mount Style

FPUDT600 Series injector pumps offer simple, efficient design. Moving parts are kept to a minimum, making them practically maintenance free. The pumps feature a front-mounted head and easy-to-use, side-mounted, cam-type diaphragm stroke adjustment (for feed rate control). FPUDT600 Series metering pumps come with a standard polypropylene pumphead and 115V/60 Hz motor. FPUDT3000 Series injector pumps have a large pumphead and valves that allow large volumes of liquid to be pumped. These are excellent transfer pumps, but, unlike most transfer pumps, they have a side-mounted cam-type feed controller and can be run dry without damage to the pump. Both pumps are supplied with an accessory kit package.

SPECIFICATIONS

Output Accuracy: ±10% of maximum [water at 21°C (70°F) 0 psi and 1.5 m (5') suction lift]

Maximum Fluid Temperature: 54°C (130°F)

Maximum Viscosity: 1000 centipoise

Turndown Ratio: 27:1

Pumphead Material:

FPUDT600: Molded polypropylene

FPUDT3000: Acrylic

Diaphragm Material:

FPUDT600: EP/PTFE

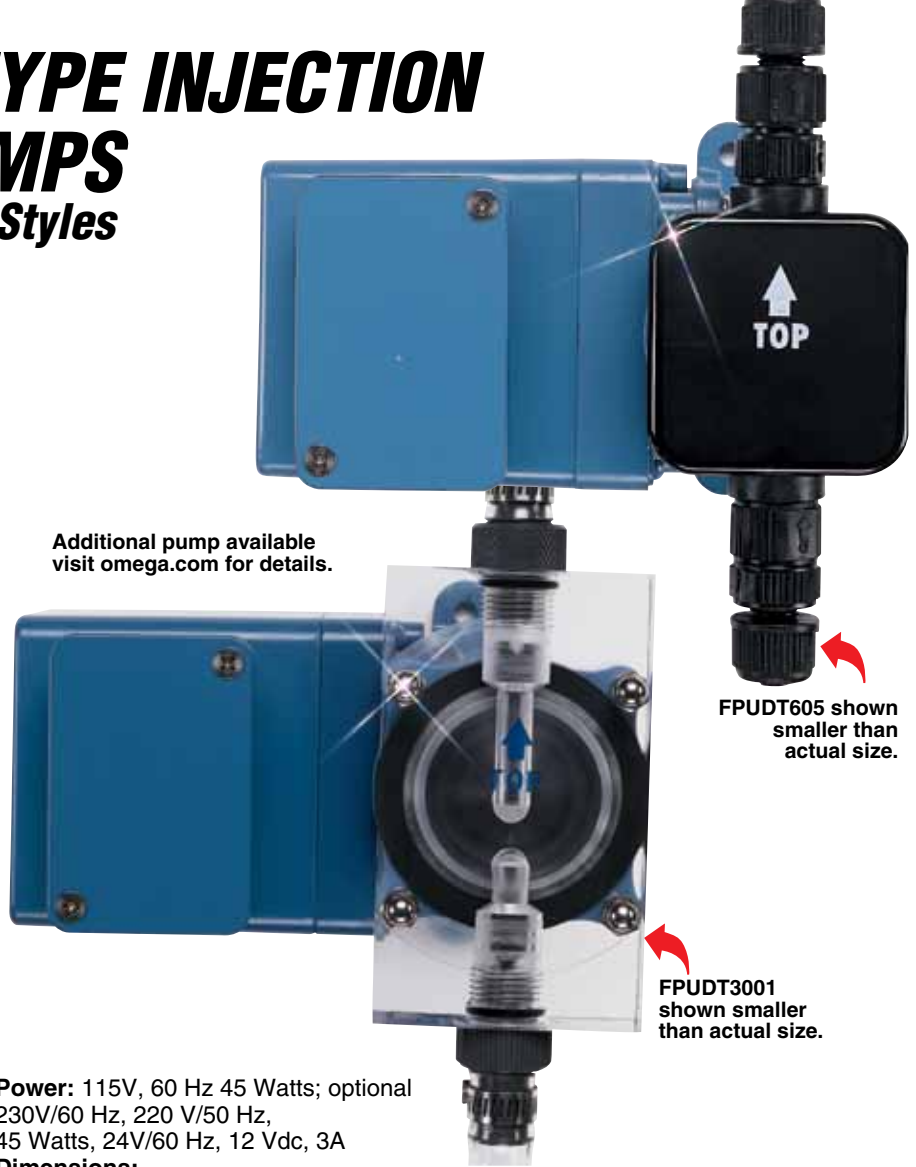
FPUDT3000: EP

O-Ring Material:

FPUDT600: FKM standard

FPUDT3000: Ethylene propylene standard

Additional pump available visit omega.com for details.



FPUDT605 shown smaller than actual size.

FPUDT3001 shown smaller than actual size.

Power: 115V, 60 Hz 45 Watts; optional 230V/60 Hz, 220 V/50 Hz, 45 Watts, 24V/60 Hz, 12 Vdc, 3A

Dimensions:

FPUDT600: 168 H x 180 W x 140 mm D (6½ x 8¾ x 5½")

FPUDT3000: 203 H x 178 W x 165 mm D (8 x 7 x 6½")

Tube Dimensions:

FPUDT600: ⅝" OD, ¼" ID

FPUDT3000: ⅝" OD, ½" ID

Shipping Weight: 3.6 kg (8 lb)

To Order				
Model No.	Maximum GPD	Maximum mL/Min	Strokes/Min	Maximum bar (psi)
FPUDT600 Basic for ¼" ID, ⅝" OD Tubing				
FPUDT601	24.0	64	14	6.9 (100)
FPUDT602	57.6	155	30	6.9 (100)
FPUDT603	91.2	240	45	5.5 (80)
FPUDT604	110.4	290	60	4 (60)
FPUDT605	237.6	625	125	2 (30)
FPUDT606	439.2	1160	250	0.7 (10)
FPUDT3000 High Volume Style for ½" ID, ⅝" OD Tubing				
FPUDT3001	189	498	60	1.4 (20)
FPUDT3002	398	1047	125	0.7 (10)
FPUDT3003	792	2081	250	0.3 (5)

Comes complete with fittings, adaptors and operator's manual.

For 230 V/60 Hz voltage, add suffix "-230V60" to model number, for additional cost.

For 220 V/50 Hz voltage, add suffix "-220V50" to model number, for additional cost. Has 20% lower feed rate.

For 24 V/60 Hz voltage, add suffix "-24V60" to model number, for additional cost.

For timer option, add suffix "-T" to model number, for additional cost.

Ordering Examples: FPUDT605, pump with 125 strokes/min, 237.6 maximum GPD, 625 maximum mL/min range.

FPUDT3001, pump with 189 GPD (498 ml/min) range.