

# HIGH VISCOSITY DRUM PUMPS

FPUD500 Pump Motors  
Starts at

**\$819**



- ✓ Pump Tube and Motor Supplied Separately for Maximum Flexibility
- ✓ 316 SS or Sanitary Polished 316 SS Pump Tubes Available
- ✓ TEFC or Air Driven Motors
- ✓ For Fluids up to 15,000 cps Viscosity and 1.8 Specific Gravity

OMEGA® FPUD500 Series high viscosity drum pumps can empty a wide variety of containers in various applications. The pump tube and motor are constructed modularly and supplied separately for maximum flexibility.

Motor types available are 115 or 230 Vac, continuous duty, totally-enclosed fan-cooled (TEFC); and air driven. All motors listed as 115 Vac can be rewired for 230 Vac operation; all motors listed for 230 Vac can be rewired for 208 or 460 Vac operation. The Hz rating and number of phases CANNOT be changed in the field.

All Vac powered units include a 3.6 m (12'), three-wire cord and built-in ON/OFF switch.

The FPUD531 air motor has a 1/4" female end fitting, while the FPUD532 and FPUD533 air motors have a 1/2" female end fitting for hooking up to a customer-supplied air hose, and includes a regulator valve and muffler. An optional air lubricator/filter assembly is also available if your air source is not filtered and lubricated.

When pumping flammable or combustible materials, or working in explosive environments, use an air motor with a stainless steel tube and FPUD5-SK static protection kit.



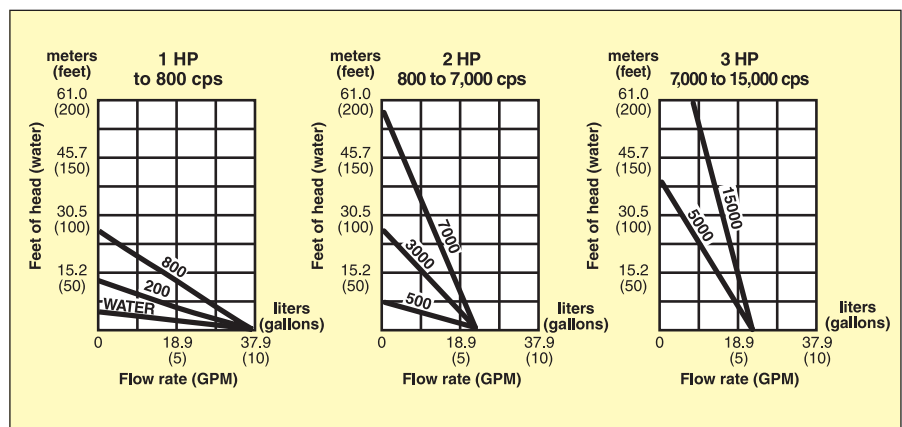
FPUD531 air motor, \$819, shown smaller than actual size.

FPUD5 Series pump tubes are rated up to 93.3°C (200°F), 15,000 cps viscosity and 1.8 specific gravity. Refer to the performance curve graph for flow rate vs. discharge head data. See Section T for tubing.

All pump tubes have graphite-PTFE seals with PTFE internals. Outlet connections are 38 mm (1 1/2") ID hose.

**CAUTION: DO NOT USE AN AIR MOTOR WITHOUT THE FPUD5-SK STATIC PROTECTION KIT**

## Performance Curves



Pump Motors

**CUSTOM MODELS BUILT TO ORDER!**

To Order (Specify Model Number)								
Model No.	Price	HP	RPM	Power	Phase	Hz	Type	Weight kg (lb)
FPUD511	\$1166	1	3450	115/230 Vac	1	60	TEFC/CSA	23.2 (51)
FPUD512*	1251	2	1725	115/230 Vac	1	60	TEFC/CSA	40.5 (89)
FPUD513*	1405	3	1725	115/230 Vac	1	60	TEFC/CSA	46.3 (102)
FPUD521	1166	1	3450	230/460 Vac	3	60	TEFC/CSA	15.9 (35)
FPUD524	1251	2	1725	230/460 Vac	3	60	TEFC/CSA	25.0 (55)
FPUD525*	1401	3	1725	230/460 Vac	3	60	TEFC/CSA	36.8 (81)
FPUD531	819	1	3000	air motor 100 psi @ 70 cfm	N/A	N/A	N/A	9.6 (21)
FPUD532	1141	2	3000	air motor 100 psi @ 125 cfm	N/A	N/A	N/A	12.7 (28)
FPUD533	1378	3	2500	air motor 100 psi @ 70 cfm	N/A	N/A	N/A	18.6 (41)

\* Too heavy for UPS shipment; use other motor freight.

Accessories for Pump Motors

Model No.	Price	Description
FPUD345-FL	\$165	Filter-lubricator assembly for FPUD531
FPUD53-FL	404	Filter-lubricator assembly for FPUD532/533
FPUD5-SK	441	Anti-static kit for air motors



FPUD5-S40, 316SS pump tube, \$1067, shown smaller than actual size.

Pump Tube (316 SS with 316 SS Shaft)

To Order (Specify Model Number)				
Model No.	Price	Tube OD	Tube Length m (ft)	Shipping Weight kg (lb)
FPUD5-S40	\$1067	2"	1.0 (3.3)	5.0 (11)

Accessories for Pump Tube

Model No.	Price	Description
FPUD5-SS	\$71	316 stainless steel inlet strainer
FPUD5-PDA	67	2" IPS polypro drum adaptor
FPUD5-SDA	176	2" IPS 316 SS drum adaptor
FPUD5-GDA	44	2" IPS galvanized steel drum adaptor

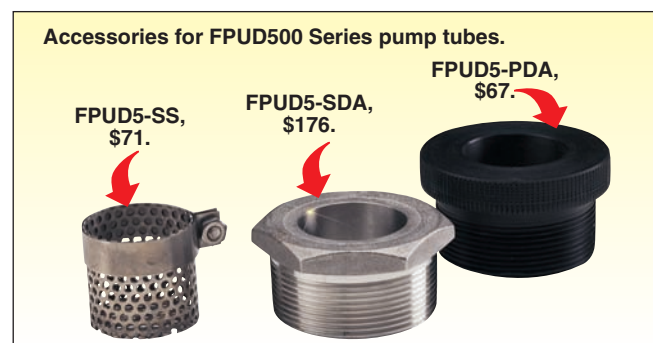
Accessory

Model No.	Price	Description
FW-0107	\$78	Reference Book: Chemical Engineering Fluid Mechanics

Comes complete with operator's manual. AC powered pumps also include power cord.

Ordering Examples: FPUD532, air motor, FPUD5-SK anti-static kit, and FPUD5-S40, pump tube, \$1141 + 441 + 1067 = \$2649.

FPUD511, 115 Vac motor, FPUD5-S40, 316 SS tube, \$1166 + 1067 = \$2233.



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