

MOTOR DRIVEN DRUM PUMPS

With Corrosion-Resistant Construction



FPUD300 Series
Starts at

\$369



- **Rugged Industrial Construction**
- **Wide Variety of Available Motors**
- **Pump Tubes and Motors Supplied Separately for Maximum Flexibility**
- **Corrosion-Resistant Polypropylene or 316SS Materials**
- **Sealless Pump Tubes for Leak-Proof Operation**

OMEGA's FPUD300 Series drum pumps can empty a wide variety of containers in various applications. Motor types available are single-phase, 115 or 230 Vac, 50/60 Hz, continuous duty; and air driven.

Note: Only the FPUD331 air motor is intended for pumping flammable or combustible materials.

Both the FPUD311 and FPUD321 electric motors are open drip-proof (ODP), while the FPUD362 is a totally enclosed fan-cooled (TEFC) motor.

All three AC motors are thermal-overload protected with a manual reset, and all three include internal cooling fan, built-in on/off switch, 3.6 m (12'), three-wire cord; both 115 Vac motors include a grounded wall plug.

The air operated unit has a 1/4 MNPT fitting for hooking up to a customer-supplied air hose, and includes a flow-regulating valve and muffler. An optional air lubricator/filter assembly is also available.

When pumping flammable or combustible materials, or for work in explosive environments use the FPUD331 air motor with a stainless steel tube.

CAUTION: DO NOT USE THE FPUD331 AIR MOTOR WITHOUT THE FPUD34-SK STATIC PROTECTION KIT

FPUD3-P Series tubes include a variable orifice on the outlet to limit flows to 10, 20, 30, or 40 GPM. Refer to the performance curve graphs on next page for flow rate vs. discharge head data, and flow rate vs time for the rechargeable battery model. All FPUD3 Series pump tubes are sealless to insure leakproof operation. See tubing products in section T.

SPECIFICATIONS

Pump Tube Wetted Parts:

FPUD3-P: Polypropylene, Inconel, and PTFE

FPUD3-S: 316SS, PTFE, and Halar

Pump Tube Operating Temperature:

Polypropylene: 71.1°C (160°F);

316SS: 104°C (220°F)

Electric and Air Motors

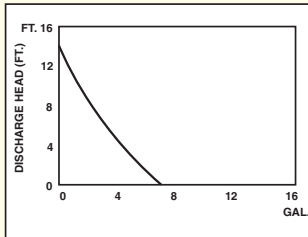
Pump Capability: 40 gpm, 24 m (80') TDH, 30-minute run-dry; air 30 gpm, 18 m (60') HD

Pump Capability: 9 gpm, 4' TDH

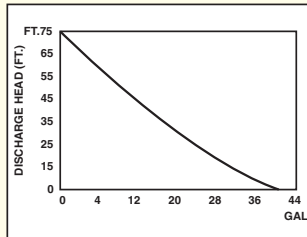
Max Fluid Viscosity: 100 cps, 1.6 specific gravity

Performance Curves

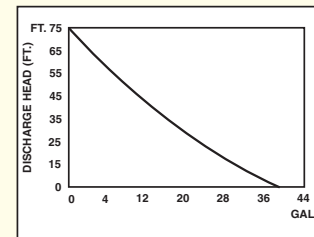
Air Motor



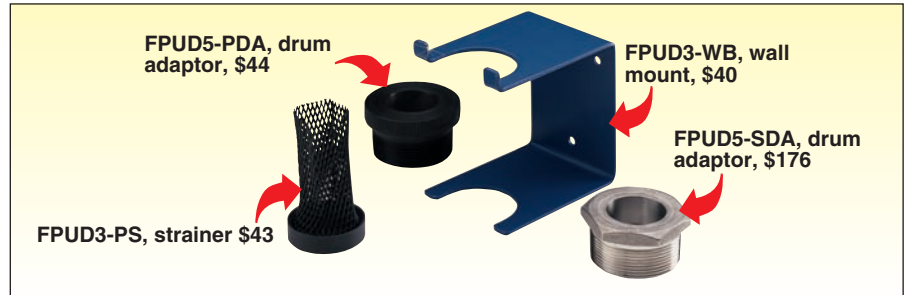
ODP Electric Motor



TEFC Electric Motor



FPUD3-P27, polypro pump tube, from \$344 (far left).
 FPUD3-S27, 316 SS pump tube, from \$530 (left).
 Shown smaller than actual size.



Pump Motors

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	HP	RPM	Power	Phase	Hz	Type	Wt kg (lb)
FPUD311-A	\$369	1/2	10,000	115 Vac	1	50/60	ODP/CSA	3.6 (8)
FPUD321-A	391	1/2	10,000	230 Vac	1	50/60	ODP/IP24/CE	3.6 (8)
FPUD362	619	1/2	10,000	115 Vac	1	50/60	TEFC/CSA	6.4 (14)
FPUD331	434	3/4	3000	Air 100 psig @ 25 cfm	N/A	N/A	Air	3.2 (7)

Accessories for Pump Motors

Model No.	Price	Description
FPUD345-FL	\$165	Filter-lubricator assembly for FPUD331
FPUD34-SK	335	Static protection kit for FPUD331

Pump Tubes

Model No.	Price	Tube Outlet Connection	Shipping Length m (ft)	Weight kg (lb)
Polypro (2" OD)				
FPUD3-P27	\$344	Both 1" ID Hose and 1 1/4 MNPT	0.7 (2.25)	2.3 (5)
FPUD3-P40	357		1.0 (3.33)	2.3 (5)
FPUD3-P48	387		1.2 (4)	3.2 (7)
316SS (2" OD)				
FPUD3-S27	\$530	1" ID Hose Only	0.7 (2.25)	4.5 (10)
FPUD3-S40	599		1.0 (3.33)	5.5 (12)
FPUD3-S48	636		1.2 (4)	7.7 (17)

Accessories for Pump Tubes

Model No.	Price	Description
FPUD5-SDA	\$176	316 SS drum adaptor with 2" IPS thread
FPUD5-PDA	44	Polypropylene drum adaptor with 2" IPS thread
FPUD3-WB	40	Wall mount bracket (grips tube)
FPUD3-PS	43	Polypropylene inlet strainer for FPUD3-P series ONLY
CM-4226	60	Reference Book: Chemical Engineering

Comes complete with operator's manual.

Ordering Examples: FPUD362, 115 Vac TEFC powered pump motor and, FPUD3-S40, 316 stainless steel pump tube, \$619 + 599 = **\$1218**.

FPUD311-A, 115 Vac motor and FPUD3-P27, 2" OD polypropylene tube, \$369 + 344 = **\$713**.



FPUD34-SK static protection kit, \$335, shown with FPUD3-S27 pump tube, \$530.

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