

1-800-GRAINGER (472-4643)



General Purpose 1DLK6



General Purpose 5FZV6



Pneumatic 3DYN8



Drum Pump Motors

Used to drive the impeller of a drum pump to draw fluids out of a container. Motors typically have a threaded connection on their base for attaching a drum pump tube to form a complete pump assembly. Commonly used to replace or upgrade an existing motor and can be paired with a compatible drum pump tube to allow one motor to be used with different container types or sizes.

General Purpose Electric—Draw power directly from an electrical outlet or from an internal rechargeable battery to drive the impeller of a pump. They transfer a range of nonflammable fluids in everyday environments and deliver a steady supply of power for more consistent and accurate flow rates than pneumatic motors.

Pneumatic—Operate on a compressed air supply to drive the impeller of a pump and have less risk of ignition than general purpose electric motors so they can be used with a wider range of fluids. Their air-powered design provides precise control of motor torque and operates without straining or overloading an electrical system.

Nominal Voltage	Motor HP	Full Load Amps	Duty Cycle	Housing Material	Includes	Brand	Item No.
General Purpose Electric							
12V DC	1/8 hp	10.8 A	Continuous	Nylon	230V Charger, Wall Hanger	Finish Thompson	40P656
	1/8 hp	10.8 A	Continuous	Nylon	12V Car Charger	Finish Thompson	40P657
	1/8 hp	10.8 A	Continuous	Nylon	Cordless Motor and Battery Pack	Finish Thompson	40P658
110V AC	1 hp	8.5 A	Intermittent	Anodized Aluminum	—	Dayton	1DLK8
	1 hp	8.5 A	Intermittent	Plastic	—	Dayton	1DLK6
	1/2 hp	2 A	Continuous	Nylon	Cord & Plug, Motor	Finish Thompson	5FZV6
	3/4 hp	5.6 A	Continuous	Nylon	12 ft Power Cord, Motor, Plug	Finish Thompson	5FZV8
220V AC	3/4 hp	6.4 A	Intermittent	Plastic	—	Dayton	5UWF1
	1 hp	5 A	Intermittent	Anodized Aluminum	—	Dayton	1DLK9
	1 hp	5 A	Intermittent	Plastic	—	Dayton	1DLK7



Pneumatic 5UWF2

Motor HP	Air Consumption	Air Inlet Size	Motor RPM	Max. Air Pressure	Includes	Brand	Item No.
Pneumatic							
1/2	27 cfm @ 27 cfm @ 40 psi @100 psi	1/8 in FNPT	10,000 RPM	80 psi	—	Dayton	112376
1/2	32 cfm @100 psi	1/4 in MNPT	300 to 11,000	100 psi	Ball Valve, Muffler	Finish Thompson	5FZV7
3/4	15 cfm	1/8 in FNPT	8,000 RPM	90 psi	Ball Valve, Muffler, Exhaust Muffler	Finish Thompson	3DYN8
3/4	15 cfm	1/8 in FNPT	8,000 RPM	90 psi	Exhaust Muffler	Dayton	5UWF2

Drum Pump Tubes



Have a rigid intake shaft and an impeller for drawing fluid out of a container. Also called a barrel tube, these tubes attach to a pump motor and fit through the opening of a container to dip into the fluid within. The impeller rotates when driven by a pump motor to move fluid through the shaft and up to the outlet of the pump. Drum pump tubes can replace a damaged tube on an existing drum pump assembly or be paired with a separate motor to create a custom pump assembly. They can also be swapped out to adapt a drum pump for compatibility with different fluids.

316 Stainless Steel Suction Tube 15R523



Aluminum Suction Tube 53RU60



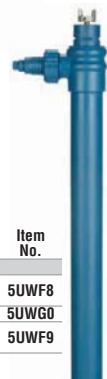
CPVC Suction Tube 1DLL1



Polypropylene Suction Tube 5FZU9



Polypropylene Suction Tube 3DYL2



Suction Tube Length	For Container Size	Max. Flow Rate	Max. Viscosity	Wetted Materials*	Max. Fluid Temp.	Brand	Item No.
316 Stainless Steel Suction Tube Material							
16 in	5 gal	17 gpm	300 CPS	316 SS, FKM, PTFE, ETFE	212 °F	Finish Thompson	15R523
35 1/2 in	55 gal	24 gpm	750 CPS	316 SS, Aluminum, PTFE	200 °F	Dayton	5UWF5
40 in	30 gal, 55 gal	10 gpm	15000 CPS	SS, PTFE	200 °F	Finish Thompson	3DYN5
40 in	30 gal, 55 gal	16 gpm	2000 CPS	SS, PTFE	150 °F	Finish Thompson	3DYN2
40 in	30 gal, 55 gal	17 gpm	300 CPS	316 SS, FKM, PTFE, ETFE	212 °F	Finish Thompson	15R524
40 in	30 gal, 55 gal	40 gpm	2000 CPS	SS, PTFE, Tefzel, Viton	220 °F	Finish Thompson	3DYL6
48 in	55 gal, 275 gal	16 gpm	2000 CPS	SS, PTFE	150 °F	Finish Thompson	3DYN3
48 in	55 gal, 275 gal	17 gpm	300 CPS	316 SS, FKM, PTFE, ETFE	212 °F	Finish Thompson	15R525
Aluminum Suction Tube Material							
39 in	55 gal	35 gpm	1500 CPS	Aluminum, Carbon Graphite, PTFE, 316 SS	175 °F	Dayton	53RU60
47 in	275 gal	35 gpm	1500 CPS	Aluminum, Carbon, PTFE, 316 SS	175 °F	Dayton	53RU61
CPVC Suction Tube Material							
35 1/2 in	55 gal	24 gpm	750 CPS	CPVC, Aluminum, Hastelloy C, PTFE, Viton	140 °F	Dayton	5UWF4
39 in	55 gal	35 gpm	1500 CPS	CPVC, Carbon Graphite, Hastelloy C-276, PTFE, PVDF	175 °F	Dayton	1DLL1
40 in	55 gal, 275 gal	16 gpm	2000 CPS	CPVC, PTFE, Alloy 625	150 °F	Finish Thompson	3DYN4
Kynar Suction Tube Material							
35 1/2 in	55 gal	24 gpm	750 CPS	Kynar, Aluminum, Hastelloy C, PTFE	165 °F	Dayton	5UWF6
PVDF Suction Tube Material							
39 in	55 gal	35 gpm	1500 CPS	Carbon Graphite, Hastelloy C-276, PTFE, PVDF	175 °F	Dayton	1DLL3
40 in	30 gal, 55 gal	40 gpm	2000 CPS	PVDF, PTFE, Viton, Alloy 625	120 °F	Finish Thompson	3DYL7
48 in	55 gal, 275 gal	40 gpm	2000 CPS	PVDF, PTFE, Viton, Alloy 625	120 °F	Finish Thompson	3DYL8
Polypropylene Suction Tube Material							
16 in	5 gal	17 gpm	300 CPS	PP, FKM, PTFE, 316 SS	150 °F	Finish Thompson	15R521
16 in	5 gal	17 gpm	300 CPS	PP, PVDF, FKM, PTFE, ETFE, Alloy 625	150 °F	Finish Thompson	15R522
35 1/2 in	55 gal	24 gpm	750 CPS	PP, Aluminum, Carpenter 20, PTFE, Viton	130 °F	Dayton	5UWF3
39 in	55 gal	35 gpm	1500 CPS	Carbon Graphite, Hastelloy C-276, PP, PTFE	130 °F	Dayton	1DLL2
40 in	30 gal, 55 gal	17 gpm	300 CPS	PP, PTFE, FKM, 316 SS	160 °F	Finish Thompson	5FZU9
40 in	30 gal, 55 gal	17 gpm	300 CPS	PP, PTFE, PVDF, FKM, Alloy 625	160 °F	Finish Thompson	5FZV0
40 in	30 gal, 55 gal	40 gpm	2000 CPS	PP, PTFE, PVDF, Viton, Alloy 625	160 °F	Finish Thompson	3DYL4
40 in	30 gal, 55 gal	40 gpm	2000 CPS	PP, PTFE, PVDF, Viton, SS	160 °F	Finish Thompson	3DYL2
48 in	55 gal, 275 gal	40 gpm	2000 CPS	PP, PTFE, PVDF, Viton, Alloy 625	160 °F	Finish Thompson	3DYL5
48 in	55 gal, 275 gal	40 gpm	2000 CPS	PP, PTFE, PVDF, Viton, SS	160 °F	Finish Thompson	3DYL3

* C = carbon, CPVC = chlorinated polyvinyl chloride, ETFE = ethylene tetrafluoroethylene, FKM = fluoroelastomer, PP = polypropylene, PTFE = polytetrafluoroethylene, PVDF = polyvinylidene difluoride, SS = stainless steel.

Description	Brand	Item No.
Accessories		
Suction Strainer	Dayton	5UWF8
Bung Adapter	Dayton	5UWG0
Drum Pump Nozzle	Dayton	5UWF9