

1-800-GRAINGER (472-4643)

## Electric Drum Pumps



Motor-driven devices are powered directly from an electrical outlet or by an internal rechargeable battery to draw fluids out of a container. They generate consistent flows at a higher rate than hand drum pumps while dispensing moderate to large amounts of fluid.

**Acid, Base, and Solvent**—Made with corrosion-resistant materials that withstand a range of acidic and basic chemical concentrations. They are used to dispense and transfer moderate to large volumes of substances and solutions in laboratories and chemical processing plants.

**Agricultural**—Typically run on DC voltage so they can be powered by farm equipment batteries for use in the field or where an electrical outlet is not available. They're commonly used when dispensing, transferring, and applying large amounts of agricultural chemicals in farming, gardening, and landscaping applications.

**Automotive Fluids, Fuel, and Oil**—For dispensing and transferring moderate to large volumes of fluids such as diesel fuel, coolant, washer fluid, power steering fluid, transmission fluid, and engine oil in automotive service and fleet maintenance. Pumps operate without generating sparks or may include a grounding kit to prevent the ignition of combustible vapors or liquids and allow use with fuels and other flammable fluids.

**Diesel Exhaust Fluid (DEF) Electric Pump Carts**—Combine a motor-driven pump and a wheeled frame for mobile dispensing and transferring of large volumes of DEF. Carts are used specifically with DEF to maintain purity when filling the reservoir of a diesel engine's Selective Catalytic Reduction (SCR) system.

**Diesel Exhaust Fluid (DEF) Stationary**—Used specifically with DEF to maintain purity when filling the reservoir of a diesel engine's Selective Catalytic Reduction (SCR) system. These pumps are certified to ISO standards that regulate the handling, transportation, and storage of DEF. They are used for dispensing and transferring moderate to large volumes of DEF when servicing late model vehicles and SCR-based stationary industrial systems that operate on diesel fuel.

**Food and Sanitary**—Comply with specific sanitary standards of the food and drug industry to minimize the risk of product contamination. They are commonly used for dispensing and transferring moderate to large volumes of syrups, juices, oils, and soaps in food, beverage, and pharmaceuticals production.

**General Purpose**—Designed for water transfer and pumping fluids other than food, fuels, or corrosives. They're used to dispense and transfer moderate to large volumes of fluid in general manufacturing and processing applications where a specialized pump isn't needed. **3DYK2** and **3DYK3** are designed specifically for handling flammable liquids and come with a static protection kit and explosionproof motor.

Motor HP	For Container Size	Max. Flow Rate	Max. Viscosity	Wetted Materials*	Suction Tube Length	Max. Fluid Temp.	Max Head	Brand	Item No.
<b>Acid, Base &amp; Solvent</b>									
<b>110VAC Basic Pump with Discharge Hose</b>									
1/2 hp	55 gal	17 gpm	300 cps	316 SS, ETFE, FKM, PTFE	40 in	212 °F	20 ft	Finish Thomp.	15R526
1/2 hp	55 gal	17 gpm	300 cps	316 SS and PVC, FKM, PP, PTFE	40 in	150 °F	20 ft	Finish Thomp.	5FZU5
1/2 hp	55 gal	17 gpm	300 cps	316 SS and PVC, FKM, PP, PTFE, PVDF	40 in	160 °F	20 ft	Finish Thomp.	5FZU7
3/4 hp	55 gal	40 gpm	500 cps	316 SS and PVC, FKM, PP, PTFE, PVDF	40 in	160 °F	80 ft	Finish Thomp.	5FZV1
3/4 hp	55 gal	40 gpm	500 cps	Alloy 625 and PVC, FKM, PP, PTFE, PVDF	40 in	160 °F	80 ft	Finish Thomp.	5FZV3
3/4 hp	55 gal	40 gpm	500 cps	316 SS, FKM, PTFE, PVC	40 in	220 °F	80 ft	Finish Thomp.	5FZV5
3/4 hp	275 gal	40 gpm	500 cps	316 SS and PVC, FKM, PP, PTFE, PVDF	48 in	160 °F	80 ft	Finish Thomp.	5FZV2
3/4 hp	275 gal	40 gpm	500 cps	Alloy 625 and PVC, FKM, PP, PTFE, PVDF	48 in	160 °F	80 ft	Finish Thomp.	5FZV4
<b>110VAC Metered Dispensing with Manual Shut-Off</b>									
1 1/2 hp	55 gal	13 gpm	300 cps	CG, CER, Halar, Hastelloy C-276, PP, PVC, PVDF, V	39 in	130 °F	36 ft	Dayton	1DLR3
<b>110VAC Unmetered Dispensing with Manual Shut-Off</b>									
1 1/2 hp	55 gal	15 gpm	1,500 cps	CG, Hastelloy C-276, PP, PVC, V	39 in	130 °F	36 ft	Dayton	1DLP8
1 1/2 hp	55 gal	15 gpm	1,500 cps	CG, Hastelloy C-276, Polyethylene, PP, PVDF, V	39 in	175 °F	36 ft	Dayton	1DLR1
1 hp	55 gal	32 gpm	1,500 cps	CG, CPVC, Hastelloy C-276, PP, PVC, PVDF, V	39 in	175 °F	36 ft	Dayton	1DLP4
<b>220VAC Metered Dispensing with Manual Shut-Off</b>									
1 1/2 hp	55 gal	13 gpm	300 cps	CG, CER, Halar, Hastelloy C-276, PP, PVC, PVDF, V	39 in	130 °F	36 ft	Dayton	1DLR4
<b>220VAC Unmetered Dispensing with Manual Shut-Off</b>									
1 1/2 hp	55 gal	15 gpm	1,500 cps	CG, CPVC, Hastelloy C-276, PP, PVC, PVDF, V	39 in	175 °F	36 ft	Dayton	1DLP5
<b>Agricultural</b>									
<b>12VDC Basic Pump without Discharge Hose</b>									
1/4 hp	55 gal	13 gpm	3,000 cps	F, PP, SP, SS	—	130 °F	34 ft	Sotera	6XGW4
<b>110VAC Basic Pump without Discharge Hose</b>									
1/4 hp	55 gal	13 gpm	3,000 cps	F, PP, SP, SS	—	130 °F	34 ft	Sotera	6XGW2
<b>Automotive Fluids, Fuel &amp; Oil</b>									
<b>12VDC Basic Pump with Discharge Hose</b>									
1/2 hp	5 gal	1.4 gpm	500 cps	Polyacetal, PP, PVC, Polyethylene, Steel	15 in	140 °F	—	Dayton	38Y794
<b>Diesel Exhaust Fluid (DEF) Electric Pump Carts</b>									
<b>110VAC Metered Dispensing with Automatic Shut-Off</b>									
1/2 hp	55 gal, 275 gal, 330 gal	8 gpm	10 cps	EPDM, PP, SS	48 in	104 °F	48 ft	Liquidynamics	45NA82
<b>110VAC Metered Dispensing with Manual Shut-Off</b>									
1/2 hp	55 gal, 275 gal, 330 gal	8 gpm	10 cps	EPDM, PP, SS	48 in	104 °F	48 ft	Liquidynamics	45NA83
<b>Diesel Exhaust Fluid (DEF) Stationary</b>									
<b>12VDC Metered Dispensing with Automatic Shut-Off</b>									
1/2 hp	55 gal, 275 gal, 330 gal	8 gpm	10 cps	EPDM, PP, SS	48 in	104 °F	48 ft	Liquidynamics	45NA86
<b>12VDC Metered Dispensing with Manual Shut-Off</b>									
1/2 hp	55 gal, 275 gal, 330 gal	8 gpm	10 cps	EPDM, PP, SS	48 in	104 °F	48 ft	Liquidynamics	45NA87
<b>110VAC Metered Dispensing with Automatic Shut-Off</b>									
1/2 hp	55 gal, 275 gal, 330 gal	8 gpm	10 cps	EPDM, PP, SS	48 in	104 °F	48 ft	Liquidynamics	45NA78
1/2 hp	55 gal, 275 gal, 330 gal	8 gpm	10 cps	EPDM, PP, SS	48 in	104 °F	48 ft	Liquidynamics	45NA80
1 1/2 hp	55 gal	10 gpm	300 cps	CB, C, PP, PTFE, SS316	39 in	130 °F	72 ft	Dayton	6GKR3
1 1/2 hp	275 gal	10 gpm	1,500 cps	CB, C, PP, PTFE, SS316	50 in	130 °F	72 ft	Dayton	6GKR2
<b>110VAC Metered Dispensing with Manual Shut-Off</b>									
1/2 hp	55 gal, 275 gal, 330 gal	8 gpm	10 cps	EPDM, PP, SS	48 in	104 °F	48 ft	Liquidynamics	45NA79
<b>110VAC Unmetered Dispensing with Automatic Shut-Off</b>									
1/2 hp	55 gal	5 gpm	300 cps	316 SS and EPDM, FKM, PP, PTFE	40 in	150 °F	20 ft	Finish Thomp.	5FZU3
3/4 hp	55 gal	10 gpm	500 cps	316 SS and EPDM, FKM, PP, PTFE, PVDF	40 in	160 °F	80 ft	Finish Thomp.	5FZT9
3/4 hp	275 gal	10 gpm	500 cps	316 SS and EPDM, FKM, PP, PTFE, PVDF	48 in	160 °F	80 ft	Finish Thomp.	5FZU1
1 1/2 hp	55 gal	11 gpm	300 cps	CB, C, PP, PTFE, SS316	39 in	130 °F	72 ft	Dayton	6GKR1
1 1/2 hp	275 gal	11 gpm	300 cps	CB, C, PP, PTFE, SS316	50 in	130 °F	72 ft	Dayton	6GKR0
<b>Food &amp; Sanitary</b>									
<b>110VAC Basic Pump without Discharge Hose</b>									
1 1/2 hp	55 gal	12 gpm	10,000 cps	316L SS, PTFE, V, SC	39 in	175 °F	200 ft	Dayton	1DLT1
1 1/2 hp	55 gal	35 gpm	1,000 cps	316L SS, PTFE	39 in	175 °F	36 ft	Dayton	3PXJ9
1 1/2 hp	55 gal	35 gpm	1,000 cps	316L SS, PTFE	39 in	175 °F	92 ft	Dayton	3PKK1
<b>220VAC Basic Pump without Discharge Hose</b>									
1 1/2 hp	55 gal	35 gpm	1,000 cps	316L SS, PTFE	39 in	175 °F	36 ft	Dayton	3PXJ8
<b>General Purpose</b>									
<b>110VAC Basic Pump with Discharge Hose</b>									
1/4 hp	55 gal	7 gpm	400 cps	Brass, PTFE, SS	40 in	150 °F	10 ft	Finish Thomp.	3DYK2
1/4 hp	55 gal	7 gpm	400 cps	Brass, PTFE, SS	48 in	150 °F	10 ft	Finish Thomp.	3DYK3
1/4 hp	55 gal	10 gpm	400 cps	PTFE, SS	40 in	150 °F	10 ft	Finish Thomp.	3DYK1

\* C = carbon, CB = carboblu, CER = ceramic, CG = carbon graphite, CPVC = chlorinated polyvinyl chloride, EPDM = ethylene propylene diene monomer rubber, ETFE = ethylene tetrafluoroethylene, F = fluoroelastomer, FKM = fluoroelastomer, PP = polypropylene, PTFE = polytetrafluoroethylene, PVC = polyvinyl chloride, PVDF = polyvinylidene fluoride, SC = silicon carbide, SP = santoprene, SS = stainless steel, V = viton.

