

Portable Diaphragm Pumps

- Liquid temp. range: 40° to 180°F
- Pump fluids with abrasive solids from 3/8" to 1 1/2"
- Self-priming to 25 ft.

Extra-heavy-duty pumps easily handle fluids mixed with sand, silt, mud, sewage, and waste. Integrated tubular handle and wheels offer easy mobility to pump out ponds, trenches, excavations, and septic tanks. Pumps have aluminum casing, thermoplastic rubber diaphragm, and neoprene check valves. Heavy-duty guard covers moving parts. Suction line strainer and 3" NPT suction and discharge pipe nipples included.

Electric Motor—Single-phase TEFC capacitor-start, capacitor-run motor. Equipped with NEMA 56C frame, ball bearings, keyed shaft, and weatherproof On/Off switch mounted on conduit box. For use in clean, dry locations only.

Gas Engine—Meets California emission codes. Features manual start, electronic ignition, and muffler for low-noise operation. For use in well-ventilated areas only.



Rated Voltage	Tank Cap.	Pump Mechanism	Discharge	HP	Flow Rate @ Total ft. of Head	Max. Head	Item No.
115V/14AMP", "230V/7AMP"	—	Diaphragm	3 in FNPT	1 1/2 hp	58.0 gpm 42.7 gpm	25.0 ft	3P682
—	0.82 gal	Diaphragm	3 in FNPT	5 1/2 hp	75.0 gpm 60.0 gpm	25.0 ft	4TA88

Item	Type	For Use With	Item No.
Replacement Parts			
Diaphragm	Thermoplastic	3P613, 3P681, 3P682, 4TA88	2UV48
Flap Valve Assembly	Polyurethane	3P613, 3P681, 3P682, 4TA88	2UV52

Hydrostatic Test Pumps

Hand-Operated—Lightweight and suitable for testing water lines and pressure testing boiler, solar, small tank, and sprinkler systems. Include shutoff valve and outlet hose. 6GDU9 has 2.6-gal. integral tank.

Pneumatic—Pumps have an automatic pressure regulator with inlet bypass and an inline strainer with stainless steel mesh filter and clear bowl. High-pressure ball valve and fittings are built-in.

Electric and Gasoline—Ideal for certifying the integrity of newly installed commercial sprinkler systems, pressure vessels, water lines, and sewer lines. Include 10-ft. pressure output hose, except 45EJ59.

Electric models have a built-in pressure regulator. 6GDV7 and 6GDV9 have a full-perimeter cage.

Gas models have an inlet strainer and a 2-wheeled cart with pneumatic wheels. Models also have an automatic bypass and quick-disconnect fittings for inlet and discharge hoses, except 45EJ64. 6GDV1 and 6GDV2 can handle a 10% chlorine solution. Include 10-ft. suction hose.



Max. Pressure (psi)	Inlet	Outlet	Mfr. Model	Item No.
Hand Operated Hydrostatic Test Pump				
300 psi	3/4 in Female GH	1/4 in MNPT From 10 ft Output Hose	29200	6GDU4
870 psi	2.6 gal Integral Tank	3/4 in MNPT From 10 ft Output Hose	29900	6GDU9
1,000 psi	3/4 in Female GH	3/4 in MNPT From 10 ft Output Hose	29201	6GDU5

Type	Inlet Hose	Outlet	GPM	Max. Pressure	Mfr. Model	Item No.
Pneumatic Test Pump						
Reciprocating Plunger	3/4 in GHT 3/4 in	1/2 in NPT	0.5 gpm	1,500 psi	32150	44A746
	3/4 in GHT 3/4 in	1/2 in NPT	0.5 gpm	3,000 psi	32300	44A747

Electric	Type	HP	Inlet	Outlet
Triplex Piston, Positive Displacement	1 1/2	3/4 in	3/4 in NPT	3/4 in NPT
	1 1/2	3/4 in	3/4 in NPT	3/4 in NPT
	1 1/2	3/4 in	3/4 in NPT	3/4 in NPT
Twin Piston, Positive Displacement	1	3/4 in	3/4 in Female GHT	3/4 in-18 JICF Male
	1	3/4 in	3/4 in Female GHT	1/2 in FNPT Swivel

Hydrostatic Test Pump	Engine Brand	Engine RPM	Phase	Voltage	GPM	Max. Pressure	Mfr. Model	Item No.
Reciprocating Pump	—	—	—	—	—	—	—	—
	—	3,450 RPM	1	115V	2.2 gpm	1,000 psi	47100	45EJ59
	—	3,450 RPM	1	200V	1.1 gpm	2,000 psi	47102	45EJ60
	—	1,725 RPM	1	115/230V	4 gpm	300 psi	39300	6GDV5
	—	1,725 RPM	1	115/230V	3 gpm	500 psi	35100	6GDV7
	—	1,725 RPM	1	115/230V	1 gpm	1,000 psi	33100	6GDV9

Gasoline	Type	HP	Inlet	Outlet
Roller Pump, Variable Displacement	5 1/2	3/4 in	3/4 in	3/4 in
	6 1/2	3/4 in	3/4 in	3/4 in
Triple Diaphragm, Positive Displacement	5 1/2	3/4 in	3/4 in Female GHT	3/4 in MNPT
	6 1/2	3/4 in	3/4 in Female GHT	3/4 in MNPT
Triple Diaphragm Pump, Positive Displacement	5 1/2	1 in	1 in	3/4 in NPT
Triplex Piston, Positive Displacement	8 1/2	1 1/2 in	1 1/2 in NPT	3/8 in NPT
Twin Piston Pump, Positive Displacement	5 1/2	3/4 in	3/4 in NPT	3/4 in NPT
	6 1/2	3/4 in	3/4 in NPT	3/4 in NPT

For Use With	Includes	Mfr. Model	Item No.
Rebuild Kit			
29201, Mfr. No. 29200	(2) 3/8 in Stainless Steel Balls, (2) O-Rings, 3/16 in Stainless Steel Ball, Overload Spring, Screen Retainer	29250	6GDU6
6GDU9	(4) O-Rings	29950	6GDV0
6GDV1, 6GDV2	(3) Piston Diaphragms, (6) O-Rings	36345	6GDV3
6GDV7	(2) Piston Cap Screws, (2) Rubber Cups, (2) Seal Rings, (2) Washers, (4) O-Rings	36361	6GDV8
6GDV9	(2) Back-Up Rings, (2) O-Rings, (2) Seal Rings, (4) U-Cups	36389	6GDW0

Accessories	Description	Connec. Size (in.)	Mfr. Model	Item No.
	Output Hose, For Use With 29200, 29201, 29900, 33100, 35100, Mfr. No. 39300	3/16-18 JICF Female Swivel x 3/8 MNPT	3917	19C695
	Suction Hose, For Use With 465010, Mfr. No. 46501	3/4 in Male Garden Hose	34550	6GDU8

Fire Hose Testers

- Can test single or multiple lines; independently controlled
- Mounted on swivel casters for easy mobility

- Max. pressure: 500 psi
- For municipal fire hose, fire hose, and nozzles, go to pages 1946, 1947, and 1948.

Safely test fire hose lines to help prevent using damaged lines. Meet NFPA guidelines, except 45EJ63.



Type	Inlet	Outlet	L	W	H	Mfr. Model	Item No.
2-Outlet, Positive Displacement	2 1/2 in NST Swivel Female Quick Fill	(2) 2 1/2 in NST Male Connection With Individual Ball Valves	38 in	30 in	24 in	363020	6GDW1
4-Outlet, Positive Displacement	2 1/2 in NST Swivel Female Quick Fill	(4) 2 1/2 in NST Male Connection With Individual Ball Valves	38 in	30 in	24 in	363040	6GDW2
Piston Pump, Positive Displacement	2 1/2 in NST Female Swivel Coupling	2 1/2 in NST Male Coupling	40 in	48 in	32 in	363060	45EJ63