



UDOR[®]
USA

World Leader in Diaphragm and Plunger Pumps



Lawn Care Equipment & Applications
Diaphragm Pumps and Accessories

Why Diaphragm Pumps..? *Advantages of Diaphragm Pumps vs. Roller or Centrifugal Pumps*

- **Run Dry without Damage:** With an open plumbing circuit a diaphragm pump can run dry without damage.
- **Self-Priming:** Diaphragm pumps can draw fluid safely operating at a maximum of 7.0" Hg.
- **Fluid Compatibility:** Diaphragm pumps can be used with suspended solids and other corrosive chemicals.
- **Positive Displacement:** Diaphragm pumps offer a consistent flow rate for accurate calibration of chemicals.
- **Fluid Temperature:** Diaphragm pumps can handle up to 140° F fluid temperatures.

Low Pressure Diaphragm Pumps

Low pressure diaphragm pumps feature two, three, four or six diaphragm configurations.

Flow rates from 4.8 - 106 GPM and pressures up to 300 PSI.

Popular pumps for lawn and turf spraying include **IOTA 25**, **KAPPA 25** and **ZETA 120** models.

Models are also available for aggressive fluid, fire fighting, aircraft de-icing, hydrostatic testing and cleaning applications.



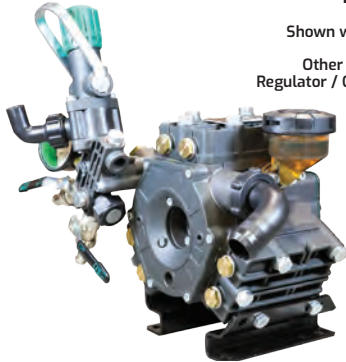
IOTA 25 GR3/4
7.0 GPM @ 300 PSI
Shown with Gear Reduction for 3/4" Shaft Gas Engines
Other drive options available
Regulator / Control Unit is Included



ZETA 120 1C
31.0 GPM @ 300 PSI
Shown with 1-3/8" 6-Spline Male PTO Shaft
Other drive options available



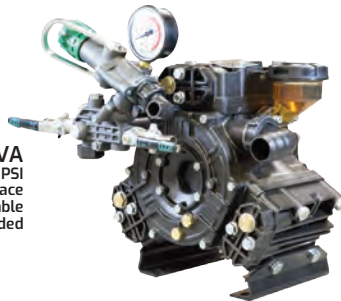
KAPPA 25 GR3/4
7.0 GPM @ 300 PSI
Shown with Gear Reduction for 3/4" Shaft Gas Engines
Other drive options available
Regulator / Control Unit is Included



KAPPA 43 GR3/4
10.5 GPM @ 560 PSI
Shown with Gear Reduction for 3/4" Shaft Gas Engines
Other drive options available
Regulator / Control Unit is Included



KAPPA 55 VA
15.0 GPM @ 560 PSI
Shown with Universal VA Drive Face
Other drive options available
Regulator / Control Unit is Included



DELTA 75 VA
20.0 GPM @ 560 PSI
Shown with Universal VA Drive Face
Other drive options available
Regulator / Control Unit is Included

Medium Pressure Diaphragm Pumps

Medium pressure diaphragm pumps feature two, three, four or five diaphragm configurations.

Flow rates from 2.0 - 34 GPM and pressures up to 560 PSI.

Popular pumps for lawn and turf spraying include **KAPPA 43**, **KAPPA 55** and **DELTA 75** models.

These pumps are also excellent choices for fire fighting, aircraft de-icing, hydrostatic testing and cleaning applications.

High Pressure Diaphragm Pumps

High pressure, high volume diaphragm pumps are constructed of anodized aluminum, brass and stainless steel and have anodized aluminum, brass and stainless steel liquid handling parts.

Simplicity of design and common parts allow for easy and economical maintenance.

Popular pumps for lawn care spraying include **DELTA 170**, **OMEGA 170** and **BETA 240** models.

Models are also available for orchard spraying, fire fighting, misting and pest control applications.



DELTA 170 TS2C
47.3 GPM @ 725 PSI
Shown with 1-3/8" 6-Spline Male PTO Thru Shaft
Other drive options available
Regulator / Control Unit is Included



OMEGA 170 TS2C
46.0 GPM @ 725 PSI
Shown with 1-3/8" 6-Spline Male PTO Thru Shaft
Regulator / Control Unit is Included



BETA 240 TS2C
64.0 GPM @ 725 PSI
Shown with 1-3/8" 6-Spline Male PTO Thru Shaft
Regulator / Control Unit is Included

SPRAY GUNS

Turbo Spray Guns
15 GPM. Up to 850 PSI.



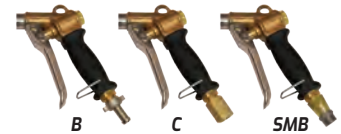
Turbo, Turbine & Long Range Spray Guns feature adjustable spray pattern from a straight stream to a fine cone mist.

Turbine & Long Range Spray Guns
25 GPM (Turbine) or 30 GPM (Long Range).
Up to 850 PSI.



Optional Inlet Adapters ▶

- B - 1/2" Hose Barb
- C - 1/2" Female NPT Fitting
- SMB - 1/2" Male BSP Swivel



REGULATORS



Pump Mounted

Universal

6010.24
27.0 GPM @ 560 PSI
Pump Mounted
1/2" Hose Barb Outlet (2)
3/4" Hose Barb Bypass

6010.95
27.0 GPM @ 350 PSI
Pump Mounted
1/2" Hose Barb Outlet (2)
3/4" Hose Barb Bypass

4900.09
47.3 GPM @ 1200 PSI
3/4" MBSP Inlet
1" Hose Barb Bypass

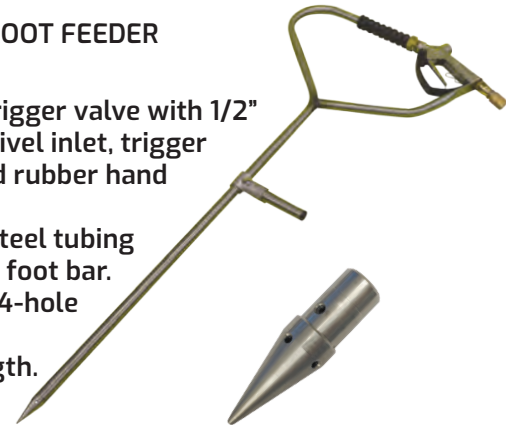
5B3
40.0 GPM @ 1160 PSI
3/4" Hose Barb Inlet
1/2" Hose Barb Outlet (3)
1" Hose Barb Bypass

ROOT FEEDERS

347.1302.2 UDOR ROOT FEEDER

Features:

- Nickel-plated trigger valve with 1/2" Female NPT swivel inlet, trigger guard & molded rubber hand grip.
- 3/4" stainless steel tubing with adjustable foot bar.
- Stainless steel 4-hole injector nozzle.
- 42" overall length.



BOOMLESS NOZZLES

An **UDOR** Brand
BOOMINATOR[®]
BOOMLESS SPRAY NOZZLES

Made in the USA. Designed to save time and money both in equipment assembly and operation.



0016.04
TANK AGITATOR
8.0 GPM @ 400 PSI
1/2" MNPT Inlet
3mm Stainless Orifice

29500.00
PUMP SAVER
Adjustable, 1-12" VAC
3/4" MPT Inlet
To relieve excess intake vacuum due to a closed ball valve or plugged filter, preventing premature failure of the diaphragms

POP-OFF VALVES
High Pressure Pop-Off Valves to Protect System Against Over-Pressurization
0637.08
25.0 GPM @ 600 PSI/720 PSI Relief
3/8" MNPT Inlet. 1/2" HB Outlet
0637.12
50.0 GPM @ 750 PSI/850 PSI Relief
3/8" MNPT Inlet. 3/4" HB Outlet

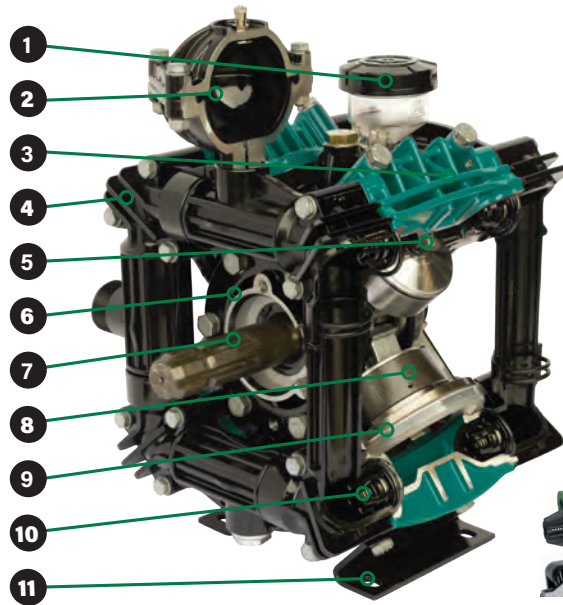
POLYPROPYLENE INLET FILTERS
1", 1-1/4" and 1-1/2" Models
32 Mesh - for Plunger Pumps
16 Mesh - for Diaphragm Pumps



MORE ACCESSORIES

Diaphragm Pump Features

- 1 Oil Level Sight Glass / Reservoir
- 2 Pulsation Dampener
- 3 Plasticized Aluminum Heads
- 4 Glass-Filled Nylon Manifolds
- 5 1-Piece Stainless Steel Diaphragm Bolts
- 6 Anodized Die-Cast Aluminum Crankcase
- 7 Heat Treated, Bearing Supported Crankshaft
- 8 Heat Treated, Self-Lubricating Piston Sleeves
- 9 Udor **GREENTECH** Diaphragms
- 10 Stainless Steel Check Valves
- 11 Mounting Rails



Featuring
GREENTECH
Diaphragms



- Endurance
- Resistance
- Efficiency
- Reliability
- Flexibility
- Mechanical strength
- Chemical compatibility

Lawn & Turf Applications

Golf Courses



Lawn Care Services



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World Leader in
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6180 140th Avenue NW
Ramsey, MN 55303

Ph: 651-785-0666
Fax: 800-732-2670

www.udorusa.com
sales@udorusa.com

Scan this QR Code
to Visit www.udorusa.com



FLYER
LC226A