



UDOR[®]
USA

World Leader in Diaphragm and Plunger Pumps



Agricultural Spraying 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.

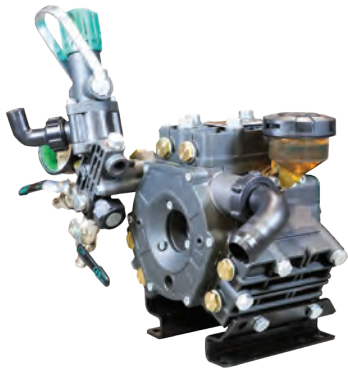
Models are also available for aggressive fluid, fire fighting, aircraft de-icing, hydrostatic testing and cleaning applications.



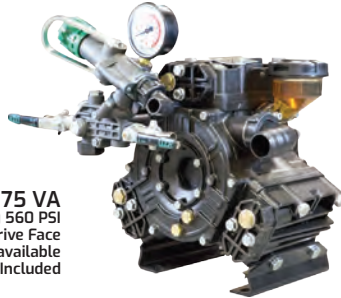
ZETA 120 1C
31.0 GPM @ 300 PSI
Shown with
1-3/8" 6-Spline Male PTO Shaft
Other drive options available



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 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.

Models are also available 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.

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



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.



Turbine & Long Range Spray Guns

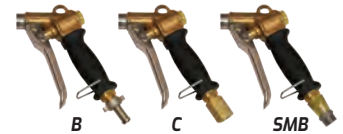
25 GPM (Turbine) or 30 GPM (Long Range).
Up to 850 PSI.



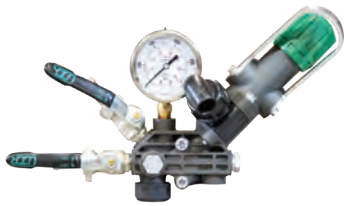
Turbo Spray Guns, Turbine & Long Range Spray Guns and Column Sprayers feature adjustable spray pattern from a straight stream to a fine cone mist.

Optional Inlet Adapters ▶

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



REGULATORS



Pump Mounted

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



Universal

6005.05
47.3 GPM @ 1200 PSI
3/4" MBSP Inlet
1" Hose Barb Bypass



SB3
40.0 GPM @ 1160 PSI
3/4" Hose Barb Inlet
1/2" Hose Barb Outlet (3)
1" Hose Barb Bypass

BOOMINATOR® NOZZLES

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

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



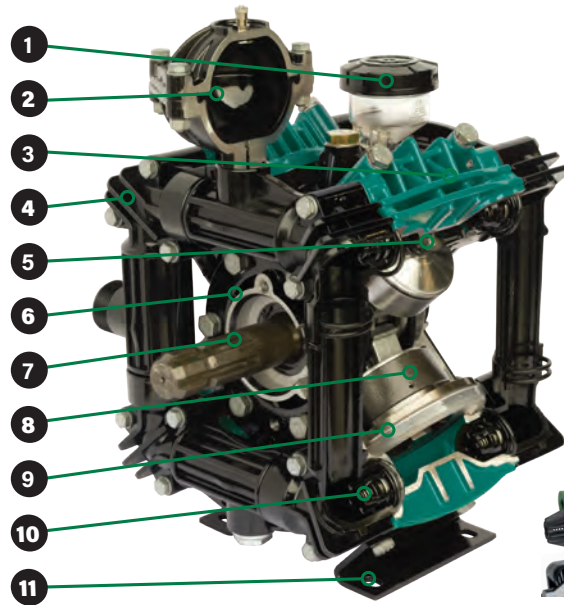
0016.04
TANK AGITATOR
8.0 GPM @ 400 PSI
1/2" MNPT Inlet
3mm Stainless Orifice



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

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

More Ag Applications



Orchard Spraying



Sprayer Wash Down

UDOR[®]
USA

World Leader in
Diaphragm and Plunger Pumps

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
AG226A