



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.

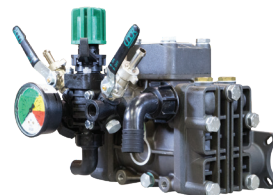
Models are also available for aggressive fluid, fire fighting, aircraft de-icing, hydrostatic testing and cleaning applications.



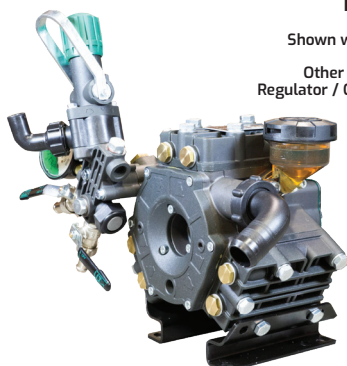
IOTA 25 GR3/4
7.0 GPM @ 300 PSI
Shown with Gear Reduction for 3/4" Shaft Gas Engines
Other drive options available
Regulator / Control Unit is Included



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



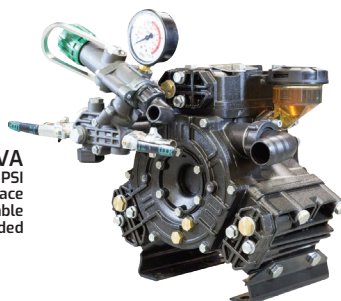
KAPPA 25 GR3/4
7.0 GPM @ 300 PSI
Shown with Gear Reduction for 3/4" Shaft Gas Engines
Other drive options available
Regulator / Control Unit is Included



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.



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

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.

Lawn Care Accessories



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.

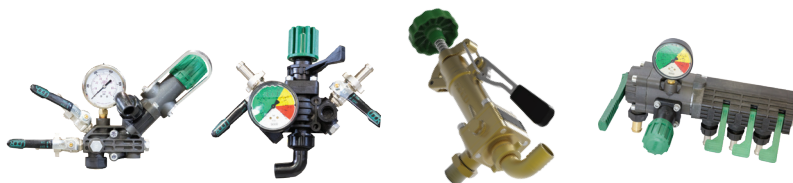


Optional Inlet Adapters ▶

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



REGULATORS



Pump Mounted

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

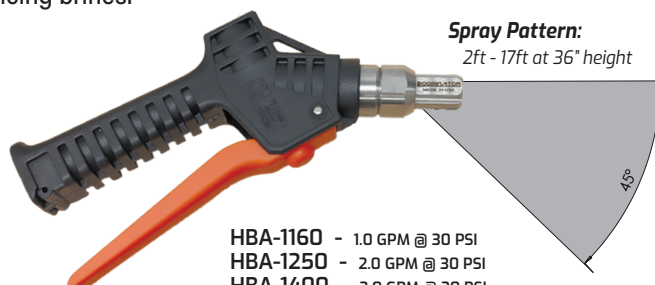
Universal

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

HAND BOOMS

Designed to save time and conserve product, Udor Hand Booms accurately apply fluid with a consistent spray pattern. Great for efficiently applying pesticides, fertilizers, soaps, sealants, and de-icing brines.



Spray Pattern:
2ft - 17ft at 36" height

HBA-1160 - 1.0 GPM @ 30 PSI
HBA-1250 - 2.0 GPM @ 30 PSI
HBA-1400 - 3.0 GPM @ 30 PSI
HBA-1870 - 4.0 GPM @ 30 PSI

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.



MORE ACCESSORIES



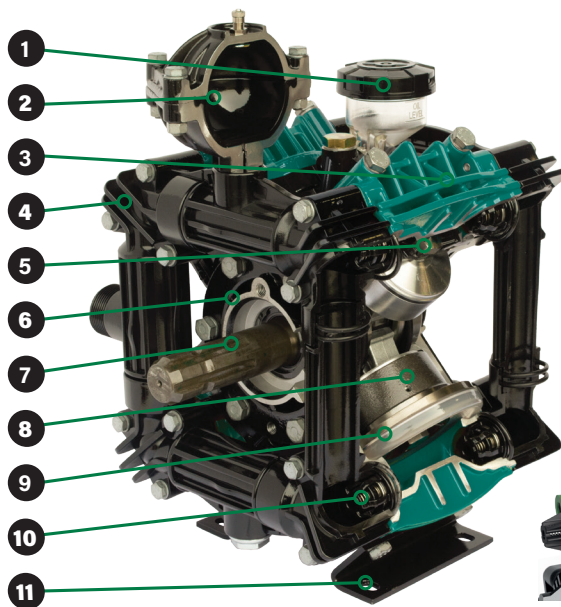
0016.04
TANK AGITATOR
8.0 GPM @ 400 PSI
1/2" MNPT Inlet
3mm Stainless Orifice

34.1302.2
ROOT FEEDER
20.0 GPM @ 450 PSI
1/2" FNPT Swivel Inlet
Adjustable Foot Bar
4 Hole Stainless Injector Nozzle
42" Overall Length

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

Lawn & Turf Applications

Golf Courses



Lawn Care Services



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USA
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An Udor Brand
BOOMINATOR[®]
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