



UDOR[®]
USA

World Leader in Diaphragm and Plunger Pumps



De-Icing Applications
Diaphragm Pumps

Diaphragm Pumps

De-icing Applications and Diaphragm Pumps...

De-icing an airplane is a crucial process that is performed to ensure the safety of the aircraft and its passengers during cold weather conditions.

Diaphragm pumps are particularly well-suited for this application because they can handle a wide range of viscosities and are capable of pumping fluids with suspended solids, which can be present in de-icing fluids. UDOR diaphragm pumps can be used to transfer and spray de-icing and anti-icing fluids onto the aircraft wings and control surfaces to remove or prevent build-up of ice and snow.

With worldwide, field-proven dependability, UDOR USA provides the best pump options for de-icing and brining applications.



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



ZETA 170 TS2C
45.0 GPM @ 300 PSI
Shown with
1-3/8" 6-Spline Male PTO Shaft
Other drive options available

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 agricultural spraying, aggressive fluid, fire fighting, 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.

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

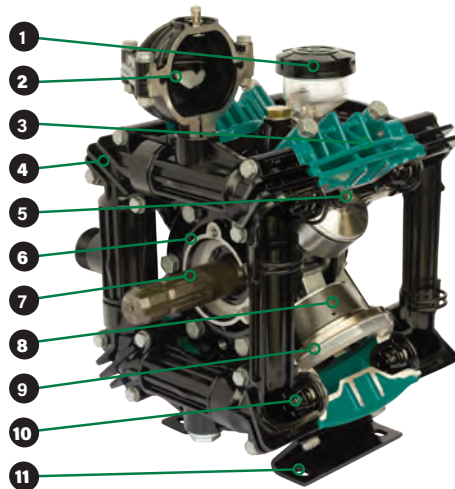


OMEGA 140 TS2C
39.0 GPM @ 725 PSI
Shown with
1-3/8" 6-Spline Male PTO Thru Shaft
Regulator / Control Unit is Included



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

- 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

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