



ZETA-120

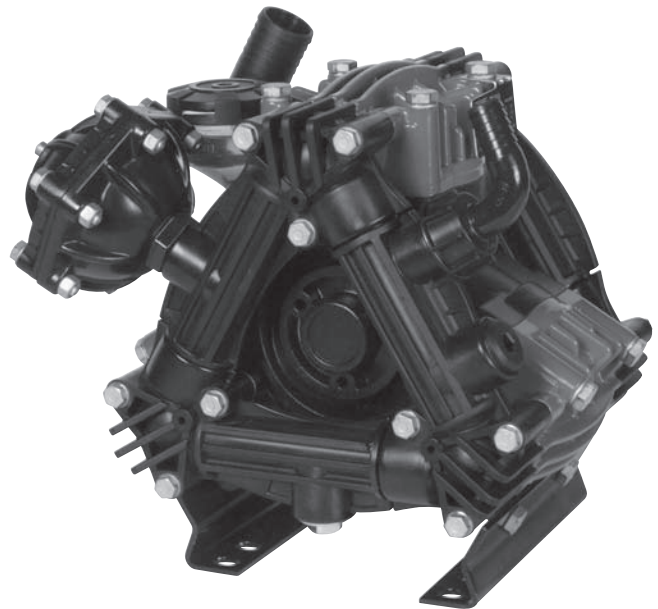
Low Pressure Diaphragm Pump

ZETA-120 low pressure, 3-cylinder diaphragm pumps are excellent for various horticultural and agricultural spraying applications. Simplicity of design and common parts allow easy and affordable maintenance. A built-in pulsation dampener and mounting rails are standard.

The ZETA-120 has an anodized aluminum body, plasticized aluminum heads, glass-filled nylon manifolds and stainless steel liquid handling parts.

Several drive options are available, including:

Part Number	Description
4155.00	Hydraulic Motor Mounting Kit
5027.75	Gear Reduction for 5-6.5 HP
5033.A4	Gear Reduction for 8-13 HP
7751.A3	1" Solid Keyed Shaft and Bolts
7753.A6*	1-3/8" 6-Spline Male Shaft & Bolts



For industrial uses and spraying applications not listed, please consult UDOR U.S.A.

*For ALL PTO Drive Applications, Safety Shield (Part #1219.25) is Recommended.

A control unit is not included with the ZETA-120. Please consult UDOR U.S.A. Diaphragm Pump catalog or website for an appropriate unit.

SPECIFICATIONS

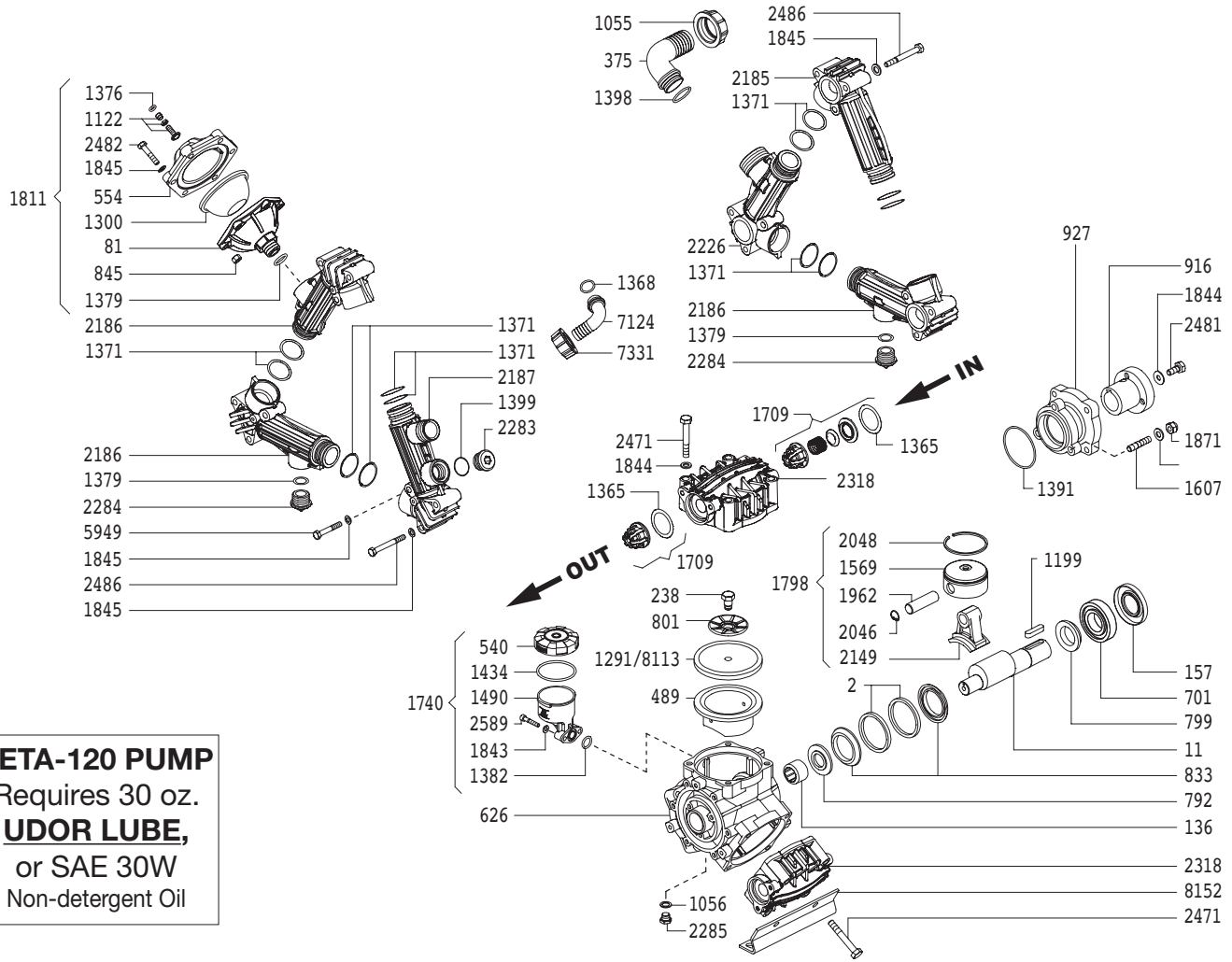
Maximum Flow	31 GPM
Maximum Pressure.....	300 PSI
Maximum RPM.....	540 RPM
Maximum Temperature.....	140°F
Inlet Port (Hose Barb)	1-1/2"
Outlet Port (Hose Barb)	3/4"
Dimensions.....	L-14" x W-11.5" x H-12"
Weight	45 lbs.
Diaphragm Material	
Standard.....	DESMOPAN
Optional.....	BUNA-N

NOTE - Protect pumps from freezing. If freezing conditions exist, flush pump and system with a 50/50 mixture of anti-freeze and water.

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ZETA-120 - Exploded View Diagram and Parts List



REF#	PART#	DESCRIPTION	QTY	REF#	PART#	DESCRIPTION	QTY
2	0001.02	Retainer Ring	2	1434	1101.D1	O-Ring	1
11	0002.60	Crank Shaft	1	1490	1203.27	Oil Reservoir	1
81	0003.15	Accumulator	1	1569	1205.08	Piston	3
136	0006.07	Bearing	1	1607	1206.22	Stud	3
157	0007.05	Seal	1	1709	6006.08	Valve Assembly	6
238	0102.03	Diaphragm Bolt	3	1740	6033.01	Oil Reservoir Assembly	1
375	0202.78	Suction Elbow	1	1798	6015.24	Piston Rod Assembly	3
489	0206.14	Piston Sleeve	3	1811	6031.09	Accumulator Assembly	1
540	0208.98	Oil Cap	1	1843	1403.07	Washer	2
557	0208.20	Accumulator Head	1	1844	1403.09	Washer	9
626	0209.A6	Crank Case	1	1845	1403.10	Washer	24
701	0214.05	Bearing	1	1962	1502.01	Connecting Rod Pin	3
792	0301.12	Washer	1	2046	1506.02	Snap Ring	6
799	0301.24	Washer	1	2048	1509.05	Piston Ring	3
801	0301.07	Retainer Washer	3	2149	1519.16	Connecting Rod	3
833	0302.52	Rod Spacer	2	2185	1601.36	Suction Manifold	1
845	0303.01	Nut	6	2186	1605.40	Manifold with 3/4" Female Port	3
871	0304.04	Lock Nut	3	2187	1605.39	Discharge Manifold	1
916	0501.62	Crank Shaft Flange	1	2226	1601.35	Suction Manifold	1
927	0501.79	FLANGE	1	2282	1603.50	Drain Plug	1
1055	0604.50	Barb Nut	1	2283	1603.87	Plug	1
1056	0605.49	Gasket	1	2284	1603.36	Plug	2
1122	0608.16	Air Valve Assembly	1	2285	1603.67	Plug	1
1199	0801.11	Key	1	2318	1604.E3	Head	3
1291	0903.02	Diaphragm (BUNA-N, Optional)	3	2471	1804.25	Bolt	12
*1300	0903.14	Accumulator Diaphragm	1	2481	1804.07	Bolt	1
*1365	1101.01	O-Ring	6	2482	1804.09	Bolt	6
1368	1101.04	O-Ring	1	2486	1804.79	Bolt	12
1371	1101.L5	O-Ring	12	2589	1805.31	Bolt	2
1376	1101.16	O-Ring	1	5949	1804.72	Bolt	6
1379	1101.04	O-Ring	1	7124	0253.05	Discharge Elbow	1
1382	1101.29	O-Ring	1	7331	0604.36	Discharge Nut	1
1391	1101.43	O-Ring	1	*8113	0903.34	Diaphragm (DESMOPAN, Standard)	3
1398	1101.42	O-Ring	1	8152	1202.96	Mounting Rails	2
1399	1101.51	O-Ring	1				

* Parts Included in Diaphragm Repair Kit - #8700.04. (Also available in Buna-N - #8700.11.)