



UDOR[®]

USA

World Leader in Diaphragm and Plunger Pumps



Soft Wash Equipment & Applications
Diaphragm Pumps, Plunger Pumps and Accessories



GREENTECH Diaphragms Standard. Buna-N Optional.

ZETA-PP 42 low pressure 3-cylinder diaphragm pumps have anodized aluminum bodies with polypropylene heads & manifolds, and stainless steel valves. A control valve with pressure gauge is standard on all models.

ZETA-PP diaphragm pumps provide softwash professionals a superior solution for chemical resistance and durability. Their polypropylene construction withstands aggressive cleaning chemicals, while delivering consistent, precise fluid transfer. The pump's robust design minimizes maintenance downtime, offers excellent chemical compatibility, and ensures reliable performance across residential and commercial softwash applications.

ZETA-PP pumps are excellent for softwash as well as various horticultural and agricultural spraying applications.



ZETA-PP 42 VA



ZETA-PP 42 VAGR3/4



ZETA-PP 42 MI1

Model	GPM	l/min	PSI	bar	RPM	Drive Configuration	Weight
ZETA-PP 42 VA	10.5	42	300	20	550	Universal VA Drive Face.	24.3 LBS
ZETA-PP 42 VAGR3/4	10.5	42	300	20	550	Gear Reduction for 3/4" Shaft Gas Engine, 4-6.5 HP	31.3 LBS
ZETA-PP 42 MI1	10.5	42	300	20	550	2-Bolt, A-Flange, 1" Hollow Shaft for Hydraulic Motor	24.3 LBS

Stainless Steel Plunger Pumps

Stainless Steel Pumps in Soft Wash Applications

UDOR USA stainless steel plunger pumps represent a game-changing solution for softwash professionals, offering unparalleled durability and chemical resistance. Engineered to withstand the harsh chemical compositions of softwash applications, these pumps provide exceptional corrosion resistance and longevity. Their precision-machined stainless steel components ensure consistent performance, minimal maintenance, and reliable chemical transfer. With superior pressure capabilities and design integrity, UDOR pumps enable softwash contractors to reduce equipment downtime, and ultimately deliver more efficient and professional cleaning results across residential and commercial applications.

Pump Features Include:

- 316 Stainless Steel Manifolds
- 316 Stainless Steel Valves
- 316 Stainless Steel Plunger Rods & Nuts
- 304 Stainless Steel Exterior Bolts
- Solid Ceramic Plungers
- PTFE Style Packings
- Max Fluid Temp, 160°F



PS SERIES - 24mm Solid Keyed Shaft

	Model	GPM	l/min	PSI	bar	Power Req.	Weight
1450 RPM	PSC 06/15 S	1.5	5.7	2175	150	2.2 EBHP	15 lbs
	PSC 11/15 S	2.9	11.0	2175	150	4.2 EBHP	15 lbs
	PSC 13/15 S	3.4	13.0	2175	150	5.0 EBHP	15 lbs



BS SERIES - 24mm Solid Keyed Shaft

	Model	GPM	l/min	PSI	bar	Power Req.	Weight
1450 RPM	BSC 15/20 S	4.0	15.0	2900	200	7.7 EBHP	26 lbs
	BSC 18/20 S	4.9	18.5	2900	200	9.5 EBHP	26 lbs
	BSC 21/20 S	5.5	21.0	2900	200	10.8 EBHP	26 lbs



CS SERIES - 24mm Solid Keyed Shaft

	Model	GPM	l/min	PSI	bar	Power Req.	Weight
1450 RPM	CSC 27/20 S	7.1	27.0	2900	200	13.8 EBHP	43 lbs
	CSC 34/20 S	9.0	34.0	2900	200	17.4 EBHP	43 lbs
	CSC 42/17 S	11.6	44.0	2465	170	19.5 EBHP	44 lbs
	CSC 50/15 S	13.2	50.0	2175	150	19.5 EBHP	44 lbs

Soft Washing Accessories



TRIGGER SPRAY GUNS



1215.18
10 GPM @ 4000 PSI
3/8" FNPT Inlet
1/4" FNPT Outlet



0608.99
18 GPM @ 700 PSI
1/2" FNPT Inlet
1/2" FNPT Outlet



1240.C5
18 GPM @ 400 PSI
1/2" FNPT Inlet
1/2" FNPT Outlet



1215.29
16 GPM @ 350 PSI
1/2" FNPT Inlet
Adjustable Pattern Outlet



26.901.162
15 GPM @ 850 PSI
1/2" FNPT Inlet
Adjustable Pattern Outlet

BYPASS UNLOADERS



UB402
21.0 GPM @ 5800 PSI
1/2" F Inlet
1/2" F Outlet
1/2" F Bypass



UB1000
10.5 GPM @ 14500 PSI
3/8" F Inlet
3/8" F Outlet
3/8" F Bypass



UB150SS
21.0 GPM @ 2320 PSI
1/2" F Inlet
1/2" F Outlet
1/2" F Bypass



UD555FSS
7.0 GPM @ 2000 PSI
3/8" F Inlet
3/8" F Bypass

DL-PP REGULATOR



4900.14
27.0 GPM @ 350 PSI
(2) 1/2" Hose Barb Outlets
3/4" Hose Barb Bypass
Includes Pressure Gauge

Designed specifically for the ZETA-PP diaphragm pumps, the DL-PP regulator features a polypropylene body and a Viton diaphragm and o-rings to withstand the aggressive chemicals used in the soft wash industry.

DRIVE COMPONENTS



DRIVE COMPONENTS

Udor USA offers a broad range of drive components to accommodate your equipment needs.

- Gear reductions for engines up to 75 HP
- Shaft couplers for electric and hydraulic motors
- Mounting rails and hardware

MORE ACCESSORIES



POLYPROPYLENE INLET FILTERS

- 1", 1-1/4" and 1-1/2" Models
- 32 Mesh - for Plunger Pump Applications
- 16 Mesh - for Diaphragm Pump Applications



UDOR LUBE / UDOR LUBE SYNTHETIC

SAE 40W non-detergent lubricant. Specially formulated for use in Udor diaphragm & plunger pumps.

- Non-Detergent. Non-Foaming
- Rust Inhibitors
- Anti-wear Agents
- Resists Breakdown Due to Oxidation
- Synthetic Oil Recommended for Cold Weather Uses

Diaphragm Pump for Softwash

Soft Washing vs Pressure Washing: Which is right for your cleaning job?

In the exterior cleaning industry, soft washing and pressure washing represent two distinct methodologies for surface restoration and maintenance, each with unique applications and technical considerations.

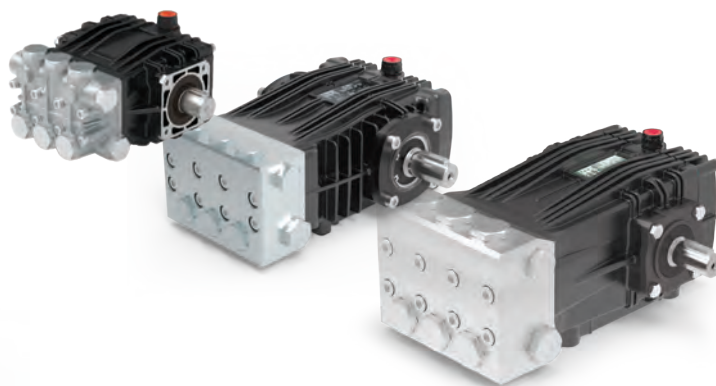
Pressure washing utilizes high-pressure water streams, typically ranging from 1,500 to 4,000 PSI, to remove dirt, grime, and surface contaminants. This method is most effective on hard, durable surfaces such as concrete driveways, brick walls, steel structures, and heavy-duty industrial equipment. The mechanical force of pressurized water effectively dislodges stubborn debris, algae, and accumulated dirt without chemical interventions.

Conversely, soft washing is a low-pressure cleaning technique that prioritizes chemical treatment over mechanical force. Employing specialized cleaning solutions with biodegradable detergents, algaecides, and surfactants, soft washing typically operates at pressures below 500 PSI. This method is particularly suited for delicate surfaces like roof shingles, wood siding, stucco, painted surfaces, and landscaped areas where high-pressure water could cause significant damage.

The primary applications for soft washing include:

- Residential roof cleaning
- Wooden deck restoration
- Vinyl and fiber cement siding
- Painted exterior surfaces
- Delicate architectural features
- Surfaces prone to moss, algae, and mildew

By leveraging specialized chemical treatments, soft washing not only cleans surfaces but also provides long-term protection against microbial regrowth. The method's lower pressure minimizes the risk of surface degradation, making it the preferred choice for maintenance of sensitive exterior environments.



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