## Typical Applications for Positive Displacement Pumps



AT SELECTED PSI [BA	R1

18	APPLICATION BY TYPE	250	500	800	1000	1200	1500	1800	2000	2500	3000	3500	4000	5000	7000	10,000
Cleaning - Battery	ATTECHNORUTITE	[18]	[35]	[55]	[70]	[85]	[105]	[125]	[140]	[155]	[210]	[245]	[275]	[345]	[485]	[690]
Cleaning - Buses  Cleaning - Cars  Cleaning - Carpet  Cleaning - Carmic Tile Vat  Cleaning - Compressor Castings  Cleaning - Cip Multiple Station  Cleaning - Food Plant Sanitizing  Cleaning - Freight Trucks  Cleaning - Heat Exchanger Tube Coils  Cleaning - Heav Sequipment  Cleaning - Hog Cleaning/Sanitizing  Cleaning - Hog Cleaning/Sanitizing  Cleaning - Hog Cleaning/Sanitizing  Cleaning - Hog Cleaning/Sanitizing  Cleaning - Sonder Belts  Cleaning - Oifshore Platform  Cleaning - Oifshore Platform  Cleaning - Oifshore Platform  Cleaning - Sander Belts  Cleaning - Sonder Hushing  Cleaning - Sonder Belts  Cleaning -	Cleaning - Aircraft Engine		•	•												
Cleaning - Carpet Cleaning - Carpet Cleaning - Carpet Cleaning - Carpet Cleaning - Carmic Tile Vat Cleaning - Compressor Castings Cleaning - Cip Multiple Station Cleaning - Filter Cleaning - Filter Cleaning - Food Plant Sanitizing Cleaning - Freight Trucks Cleaning - Freight Trucks Cleaning - Heat Exchanger Tube Coils	Cleaning - Battery			•	•											
Cleaning - Carpet Cleaning - Ceramic Tile Vat Cleaning - Compressor Castings Cleaning - Cily Multiple Station Cleaning - Filter Cleaning - Filter Cleaning - Freight Trucks Cleaning - Freight Trucks Cleaning - Heat Exchanger Tube Coils Cleaning - Hog Cleaning/Sanitizing Cleaning - Hog Cleaning/Sanitizing Cleaning - Ilive Wire Insulator Cleaning - Ilive Wire Insulator Cleaning - Offshore Platform Cleaning - Offshore Platform Cleaning - Offshore Platform Cleaning - Sander Belts Cleaning - Sander Belts Cleaning - Seander Belts Cleaning - Seander Belts Cleaning - Sponge Vat Cleaning - Sponge Vat Cleaning - Vegetables Hydrostatic - BOP Hydrostatic - Jockey Pumps Hydrostatic - Jockey Pumps Hydrostatic - Dickey Pumps Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boeler Feed Injection - Boeler Feed Injection - Boeler Feed Injection - Boeler Feed Injection - Glosf Course Aeration	Cleaning - Buses				•	•	•	•	•	•	•	•	•			
Cleaning - Ceramic Tile Vat Cleaning - Compressor Castings Cleaning - CIP Multiple Station Cleaning - Filter Cleaning - Freight Trucks Cleaning - Freight Trucks Cleaning - Heat Exchanger Tube Coils Cleaning - Hog Cleaning/Sanitizing Cleaning - Hog Cleaning/Sanitizing Cleaning - Ilive Wire Insulator Cleaning - Ilive Wire Insulator Cleaning - Offshore Platform Cleaning - Offshore Platform Cleaning - Oil Storage Tank Cleaning - Sander Belts Cleaning - Sander Belts Cleaning - Seren/Filter Cleaning - Seren/Filter Cleaning - Sey Gland Flushing Cleaning - Sey Gland Flushing Cleaning - Sey Gland Flushing Cleaning - Cyegetables Hydrostatic - BOP Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Jockey Pumps Hydrostatic - Jockey Pumps Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boiler Feed Injection - Boiler Feed Injection - Boiler Feed Injection - Golf Course Aeration	Cleaning - Cars			•	•	•	•									
Cleaning - Compressor Castings Cleaning - CIP Multiple Station Cleaning - Filter Cleaning - Filter Cleaning - Filter Cleaning - Freight Trucks Cleaning - Freight Trucks Cleaning - Heat Exchanger Tube Coils Cleaning - Heat Exchanger Tube Coils Cleaning - Heat Exchanger Tube Coils Cleaning - Heaty Equipment Cleaning - Hog Cleaning/Sanitizing Cleaning - Ivive Wire Insulator Cleaning - Ivive Wire Insulator Cleaning - Ivive Wire Insulator Cleaning - Old Storage Tank Cleaning - Old Storage Tank Cleaning - Old Storage Tank Cleaning - Sander Belts Cleaning - Screen/Filter Cleaning - Screen/Filter Cleaning - Seal Gland Flushing Cleaning - Seal Gland Flushing Cleaning - Seal Cland Flushing Cleaning - Sponge Vat Cleaning - Sponge Vat Cleaning - Coley Pumps Hydrostatic - Jockey Pumps Hydrostatic - Jockey Pumps Hydrostatic - Jockey Pumps Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boiler Feed Injection - Boiler Feed Injection - Boiler Feed Injection - Golf Course Aeration	Cleaning - Carpet	•	•	•	•	•										
Cleaning - CIP Multiple Station Cleaning - Filter Cleaning - Frood Plant Sanitizing Cleaning - Freight Trucks Cleaning - Heat Exchanger Tube Coils Cleaning - Heat Exchanger Tube Coils Cleaning - Heat Exchanger Tube Coils Cleaning - Heavy Equipment Cleaning - Hog Cleaning/Sanitizing Cleaning - Ilive Wire Insulator Cleaning - Ilive Wire Insulator Cleaning - Occomotive Cleaning - Occomotive Cleaning - Offshore Platform Cleaning - Offshore Platform Cleaning - Oil Storage Tank Cleaning - Oil Storage Tank Cleaning - Sander Belts Cleaning - Sander Belts Cleaning - Sander Belts Cleaning - Sead Gland Flushing Cleaning - Sead Gland Flushing Cleaning - Vegetables Hydrostatic - BOP Hydrostatic - BOP Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Dickey Pumps Hydrostatic - Pipe/Tube Testing Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boiler Feed Injection - Boiler Feed Injection - Diesel/Fuel Oil Injection - Golf Course Aeration	Cleaning - Ceramic Tile Vat							•	•	•						
Cleaning - Filter Cleaning - Food Plant Sanitizing Cleaning - Freight Trucks Cleaning - Heat Exchanger Tube Coils Cleaning - Hoavy Equipment Cleaning - Hog Cleaning/Sanitizing Cleaning - Hog Cleaning/Sanitizing Cleaning - live Wire Insulator Cleaning - live Wire Insulator Cleaning - Olostometive Cleaning - Offshore Platform Cleaning - Oil Storage Tank Cleaning - Oil Storage Tank Cleaning - Potatoes Cleaning - Sander Belts Cleaning - Sander Belts Cleaning - Sander Belts Cleaning - Seal Gland Flushing Cleaning - Seal Gland Flushing Cleaning - Sponge Vat Cleaning - Vegetables Hydrostatic - BOP Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Jockey Pumps Hydrostatic - Jockey Pumps Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Beer Exciting Injection - Boiler Feed Injection - Boiler Feed Injection - Golf Course Aeration	Cleaning - Compressor Castings		•	•												
Cleaning - Food Plant Sanitizing Cleaning - Freight Trucks Cleaning - Heat Exchanger Tube Coils Cleaning - Heavy Equipment Cleaning - Hog Cleaning/Sanitizing Cleaning - Hog Cleaning/Sanitizing Cleaning - Ive Wire Insulator Cleaning - Ive Wire Insulator Cleaning - Offshore Platform Cleaning - Offshore Platform Cleaning - Oil Storage Tank Cleaning - Oil Storage Tank Cleaning - Sander Belts Cleaning - Sander Belts Cleaning - Sorcen/Filter Cleaning - Sorponge Vat Cleaning - Sponge Va	Cleaning - CIP Multiple Station				•	•			•							
Cleaning - Freight Trucks Cleaning - Heat Exchanger Tube Coils Cleaning - Heavy Equipment Cleaning - Hog Cleaning/Sanitizing Cleaning - Ive Wire Insulator Cleaning - Ive Wire Insulator Cleaning - Occomotive Cleaning - Offshore Platform Cleaning - Oil Storage Tank Cleaning - Oil Storage Tank Cleaning - Sander Belts Cleaning - Sander Belts Cleaning - Sear Gland Flushing Cleaning - Sear Gland Flushing Cleaning - Sponge Vat Cleaning - Wegetables Hydrostatic - BOP Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boiler Feed Injection - Boiler Feed Injection - Golf Course Aeration	Cleaning - Filter		•	•	•											
Cleaning - Heat Exchanger Tube Coils Cleaning - Heavy Equipment Cleaning - Hog Cleaning/Sanitizing Cleaning - Ilive Wire Insulator Cleaning - Ilive Wire Insulator Cleaning - Occomotive Cleaning - Offshore Platform Cleaning - Oil Storage Tank Cleaning - Oil Storage Tank Cleaning - Potatoes Cleaning - Sander Belts Cleaning - Screen/Filter Cleaning - Seal Gland Flushing Cleaning - Seyonge Vat Cleaning - Sponge Vat Cleaning - Sponge Vat Cleaning - Potatoies Plydrostatic - BOP Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Jockey Pumps Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boiler Feed Injection - Boiler Feed Injection - Golf Course Aeration	Cleaning - Food Plant Sanitizing		•	•	•	•	•	•	•							
Cleaning - Heavy Equipment Cleaning - Hog Cleaning/Sanitizing Cleaning - Iive Wire Insulator Cleaning - Iive Wire Insulator Cleaning - Moss/Mildew Removal Cleaning - Offshore Platform Cleaning - Oil Storage Tank Cleaning - Oil Storage Tank Cleaning - Sander Belts Cleaning - Sander Belts Cleaning - Sander Belts Cleaning - Screen/Filter Cleaning - Seal Gland Flushing Cleaning - Sey Seal Gland Flushing Cleaning - Vegetables Hydrostatic - BOP Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boiler Feed Injection - Boiler Feed Injection - Oil Course Aeration	Cleaning - Freight Trucks						•	•	•							
Cleaning - Hog Cleaning/Sanitizing Cleaning - live Wire Insulator Cleaning - locomotive Cleaning - Moss/Mildew Removal Cleaning - Offshore Platform Cleaning - Oil Storage Tank Cleaning - Potatoes Cleaning - Sander Belts Cleaning - Screen/Filter Cleaning - Screen/Filter Cleaning - Seal Gland Flushing Cleaning - Seal Gland Flushing Cleaning - Vegetables Hydrostatic - BOP Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boller Feed Injection - Golf Course Aeration	Cleaning - Heat Exchanger Tube Coils		•													
Cleaning - live Wire Insulator	Cleaning - Heavy Equipment						•		•	•	•	•	•	•		
Cleaning - locomotive	Cleaning - Hog Cleaning/Sanitizing			•	•	•										
Cleaning - Moss/Mildew Removal Cleaning - Offshore Platform Cleaning - Oil Storage Tank Cleaning - Potatoes Cleaning - Sander Belts Cleaning - Screen/Filter Cleaning - Seal Gland Flushing Cleaning - Seal Gland Flushing Cleaning - Vegetables Hydrostatic - BOP Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Jockey Pumps Hydrostatic - Textle Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boiler Feed Injection - Golf Course Aeration	Cleaning - live Wire Insulator		•		•											
Cleaning - Offshore Platform	Cleaning - locomotive				•							•				
Cleaning - Oil Storage Tank Cleaning - Potatoes Cleaning - Sander Belts Cleaning - Screen/Filter Cleaning - Seal Gland Flushing Cleaning - Sponge Vat Cleaning - Vegetables Hydrostatic - BOP Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Pipe/Tube Testing Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boeler Feed Injection - Golf Course Aeration	Cleaning - Moss/Mildew Removal				•	•										
Cleaning - Potatoes Cleaning - Sander Belts Cleaning - Screen/Filter Cleaning - Seal Gland Flushing Cleaning - Sponge Vat Cleaning - Vegetables Hydrostatic - BOP Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Jockey Pumps Hydrostatic - Pipe/Tube Testing Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boiler Feed Injection - Diesel/Fuel Oil Injection - Golf Course Aeration	Cleaning - Offshore Platform											•				
Cleaning - Sander Belts Cleaning - Screen/Filter Cleaning - Seal Gland Flushing Cleaning - Sponge Vat Cleaning - Vegetables Hydrostatic - BOP Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Jockey Pumps Hydrostatic - Pipe/Tube Testing Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boiler Feed Injection - Boiler Feed Injection - Golf Course Aeration	Cleaning - Oil Storage Tank								•	•	•	•				
Cleaning - Screen/Filter  Cleaning - Seal Gland Flushing  Cleaning - Sponge Vat  Cleaning - Vegetables  Hydrostatic - BOP  Hydrostatic - Jockey Pumps  Hydrostatic - Pipe/Tube Testing  Hydrostatic - Textile Water Extraction  Injection - Ag Fertilizer/Herbicides  Injection - Boiler Feed  Injection - Diesel/Fuel Oil  Injection - Golf Course Aeration	Cleaning - Potatoes															'
Cleaning - Seal Gland Flushing Cleaning - Sponge Vat Cleaning - Vegetables Hydrostatic - BOP Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Jockey Pumps Hydrostatic - Pipe/Tube Testing Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boiler Feed Injection - Boiler Feed Injection - Golf Course Aeration	Cleaning - Sander Belts									•	•	•				
Cleaning - Sponge Vat Cleaning - Vegetables Hydrostatic - BOP Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Jockey Pumps Hydrostatic - Pipe/Tube Testing Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boiler Feed Injection - Diesel/Fuel Oil Injection - Golf Course Aeration	Cleaning - Screen/Filter															
Cleaning - Vegetables Hydrostatic - BOP  Hydrostatic - Hydraulic Power HWBF - 95/5  Hydrostatic - Jockey Pumps Hydrostatic - Pipe/Tube Testing Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Beer Exciting Injection - Boiler Feed Injection - Diesel/Fuel Oil Injection - Golf Course Aeration	Cleaning - Seal Gland Flushing					•	•	•	•							
Hydrostatic - BOP  Hydrostatic - Hydraulic Power HWBF - 95/5  Hydrostatic - Jockey Pumps  Hydrostatic - Pipe/Tube Testing  Hydrostatic - Textile Water Extraction  Injection - Ag Fertilizer/Herbicides  Injection - Boiler Feed  Injection - Diesel/Fuel Oil  Injection - Golf Course Aeration	Cleaning - Sponge Vat															
Hydrostatic - Hydraulic Power HWBF - 95/5 Hydrostatic - Jockey Pumps Hydrostatic - Pipe/Tube Testing Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boiler Feed Injection - Diesel/Fuel Oil Injection - Golf Course Aeration	Cleaning - Vegetables		•	•												
Hydrostatic - Jockey Pumps  Hydrostatic - Pipe/Tube Testing  Hydrostatic - Textile Water Extraction  Injection - Ag Fertilizer/Herbicides  Injection - Beer Exciting  Injection - Boiler Feed  Injection - Diesel/Fuel Oil  Injection - Golf Course Aeration	Hydrostatic - BOP															•
Hydrostatic - Pipe/Tube Testing Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Boiler Feed Injection - Diesel/Fuel Oil Injection - Golf Course Aeration	Hydrostatic - Hydraulic Power HWBF - 95/5		•	•	•	•	•	•	•	•	•	•	•	•	•	
Hydrostatic - Textile Water Extraction Injection - Ag Fertilizer/Herbicides Injection - Beer Exciting Injection - Boiler Feed Injection - Diesel/Fuel Oil Injection - Golf Course Aeration	Hydrostatic - Jockey Pumps															
Injection - Ag Fertilizer/Herbicides Injection - Beer Exciting Injection - Boiler Feed Injection - Diesel/Fuel Oil Injection - Golf Course Aeration	Hydrostatic - Pipe/Tube Testing				•	•				•	•	•	•	•		•
Injection - Beer Exciting Injection - Boiler Feed Injection - Diesel/Fuel Oil Injection - Golf Course Aeration Injection - Golf Course Aeration	Hydrostatic - Textile Water Extraction															
Injection - Boiler Feed  Injection - Diesel/Fuel Oil  Injection - Golf Course Aeration  Injection - Golf Course Aeration	Injection - Ag Fertilizer/Herbicides						•	•	•	•		•	•			
Injection - Diesel/Fuel Oil Injection - Golf Course Aeration  • • • • • • • • • • • • • • • • • • •	Injection - Beer Exciting	•														
Injection - Golf Course Aeration	Injection - Boiler Feed	•	•	•	•	•										
	Injection - Diesel/Fuel Oil															
Injection - Brine Oil Waste Water	Injection - Golf Course Aeration									•	•	•	•	•		
	Injection - Brine Oil Waste Water															

AT SELECTED PSI [BAR]

	AT SELECTED PSI [BAR]															
APPLICATION BY TYPE	250 [18]	500 [35]	800 [55]	1000 [70]	1200 [85]	1500 [105]	1800 [125]	2000 [140]	2500 [155]	3000 [210]	3500 [245]	4000 [275]	5000 [345]	7000 [485]	10,000 [690]	
Injection - Oil Field, Glycol Injection	[.0]	[30]	[30]	•	•	•	•	•	[.55]	[=.0]	[= .0]	[=, 0]	[2.0]	[]	[270]	
Injection - Oil Field, Methanol	1					•	•	•	•		•	•	•			
Injection - Oil Field, Water/Glucose						•	•	•	•	•	•	•	•			
Injection - Pesticide				•	•	•			1							
Injection - Secondary Recovery/Well Stimulation					•	•	•	•	•	•	•	•	•			
Injection - Undersea Diving Vessel			•	•									•	•		
Metering - Crude Oil Transfer			•		•											
Metering - Homogenizing			•	•	•	•	•	•	•	•	•	•	•	•	•	
Metering - Machine Tool Coolant Flushing						•			•	•						
Misting - Agriculture		•	•	•	•	•										
Misting - Chicken/Turkey		•	•		•	•										
Misting - Coal Dust Suppression			•	•	•											
Misting - Dairy Barn Sanitation		•	•		•	•										
Misting - Equestrian		•	•	•	•	•										
Misting - Evaporative Cooling				•	•	•		•	•	•						
Misting - Greenhouse		•	•	•	•	•	•	•				•	•	•		
Misting - Lumber Conditioning		•		•	•	•										
Misting - Odor Control	•	•	•	•									•	•		
Misting - Temperature Control		•	•	•	•	•										
Misting - Turbine Cooling				•	•	•	•	•	•	•			•			
Processing - Chemical			•	•	•	•	•	•								
Processing - Chicken/Turkey Deboning	•	•	•	•	•	•	•	•	•			•	•	•		
Processing - Crude Petroleum Transfer		•	•	•	•											
Processing - Ham Deboning		•	•		•	•	•	•	•		•	•		•		
Processing - Liquid CO <sub>2</sub>		•	•	•	•	•	•	•	•							
Processing - Saltwater Reverse Osmosis- Desalination		•	•	•	•	•										
Spraying - Fire Protection System			•	•	•											
Spraying - Row Crop	•	•	•	•	•			•	•		•	•				
Surface Prep - Cedar Siding Restoration							•	•	•							
Surface Prep - Exposed Aggregate		•	•		'			•	•	•		•		•		
Surface Prep - Gypsum Removal									•	•						
Surface Prep - label Removal			•	•	•	•	•	•	•	•	•	•				
Surface Prep - Metal Casting Flushing		•	•	•	•											
Surface Prep - Paper/Plastic/Tin Laser Cutting								•	•	•	•	•	•	•	•	
Surface Prep - Plastic Flash Removal									•	•	•	•	•			
Surface Prep - Phosphatizing		•	•	•	•											
Water-jetting/Blasting - Cement Truck, Hopper, Hearth, Floors										•	•	•	•	•	•	
Water-jetting/Blasting - Cleaning Sewer Pipe	'					•	•	•	•		•	•	•	•		
Water-jetting/Blasting - Drain Line Tubes							•	•	•	•	•	•	•	•	•	
Water-jetting/Blasting - Drilling Paraffin/ Crude Residues										•	•	•	•	•	•	

## AT SELECTED PSI [BAR]

						A I	SELEC	LIED	<u> </u>	<u>AKJ</u>					
APPLICATION BY TYPE	250 [18]	500 [35]	800 [55]	1000 [70]	1200 [85]	1500 [105]	1800 [125]	2000 [140]	2500 [155]	3000 [210]	3500 [245]	4000 [275]	5000 [345]	7000 [485]	10,000 [690]
Water-jetting/Blasting - Graffiti Removal										•	•	•	•	•	•
Water-jetting/Blasting - Mill Scale, Slag Removal													•	•	•
Water-jetting/Blasting - Mixers, Reactors, Evaporators													•	•	•
Water-jetting/Blasting - Oak Debarking										•	•	•	•	•	
Water-jetting/Blasting - Paint Removal								•	•	•	•	•	•	•	•
Water-jetting/Blasting - Paint and Solder Removal												•	•	•	•
Water-jetting/Blasting - Pharmaceutical Residue										•	•	•	•	•	•
Water-jetting/Blasting - Presses, Valves, Vessels							•	•	•	•	•	•	•	•	•
Water-jetting/Blasting - Pu•p and Paper Residue										•	•	•	•	•	•
Water-jetting/Blasting - Runway Rubber Removal		'	•		'	•		'	•		'	•	•	•	•
Water-jetting/Blasting - Ship Hull Rust, Barnacle Removal													•	•	•
Water-jetting/Blasting - Underground Trenching										•	•	•	•	•	•
Water-jetting/Blasting - Wet Sandblasting						•	•	•	•	•	•	•	•	•	•
,															