

Vancouver

Unit 128 9 Burbidge Street Coquitlam BC V3K 7B2 T: 604 521 7867

Calgary

5049 74 Avenue SE Calgary AB T2C 3H2 T: 403 219 0270

Edmonton

10685 176 Street Edmonton AB T5S 1G5 T: 780 452 4490

Saskatoon

5049 74 Avenue SE Calgary AB T2C 3H2 T: 800 992 5588

Winnipeg

5049 74 Avenue SE Calgary AB T2C 3H2 T: 800 992 5588

Toronto

109 Wilkinson Road Brampton ON L6T 4X1 T: 905 453 2639

Montreal

2650 Andre Avenue Dorval QC H9P 1K6 T: 514 421 0331

Halifax

Unit C 95 Ilsley Avenue Dartmouth NS B3B 1L5 T: 902 468 7890

Toll free: 1 800 992 5588 webinquiries@natpro.com

Natpro.com































AURORA®







FAIRBANKS NIJHUIS

















Products for Municipal & Industrial Utility Applications



Products for Municipal & Industrial Utility Applications

Designers and operators of municipal and industrial utility water and wastewater systems put rigorous demands on their pumping equipment. The duty cycle is continuous and budgets are tight, therefore requirements for reliability and low costs of operation are mandatory. Listed below is a summary of the products we utilize to solve these demanding applications.

Our company provides one of the most complete and comprehensive ranges of pumping equipment for all water and wastewater applications. Many of these products utilize innovative technology and all are produced by world-class manufacturers, and backed up by our parts and service personnel operating from eight facilities across Canada.

For over 40 years, we've been selected to supply equipment for hundreds of cities, towns and villages across Canada and industrial plant sites around the world.

Acquired by DXP Enterprises company in 2013, Natpro (National Process Equipment) is part of the world's largest pump and compressor distribution company.

Our sales and applications engineers are ready to put our experience to work on your next application—whether it's basic equipment or one of our fully pre-packaged turnkey systems. Give us a call today!

Product	Flows to	Heads to	Comments	
Water Treatment Plant & Distribution System Products				
Pentair Fairbanks Nijhuis, Layne/Vertiline lineshaft vertical turbine and propeller pumps	1,000,000 GPM (227,000 m³/hr)	7,000 ft (2,133 m)	Open and enclosed lineshaft, settings to 700 ft (250 m)	
Grundfos submersible turbine pumps	1,000 GPM (230 m³/hr)	2,300 ft (700 m)	Corrosion resistant materials, motor sizes to 500 hp. Well sizes 4 inch and larger	
Pentair Hydromatic self-priming pumps	800 GPM (182 m³/hr)	230 ft (70 m)	Up to 10 in electric or engine drive	
Pentair Fairbanks Nijhuis & Aurora horizontal and vertical split-case and end-suction pumps	75,000 GPM (17,000 m³/hr)	700 ft (213 m)	High efficiency, rugged features	
Milton Roy & LMI metering pumps and chemical injection systems	2,650 GPH (10 m³/hr)	15,000 psi (103,000 kPa)	Complete packaged chemical injection systems. Proteus series are NSF61 Certified	
Graco peristaltic hose pumps	290 GPM (66 m³/hr)	217 psi (1,496 kPa)	Available in 10 different sizes with a wide variety of hose elastomers	
NOV progressive cavity pumps	1,025 GPM (233 m³/hr)	1,500 psi (10,300 kPa)	For sludge and polymer feed systems. Replacement parts for other manufacturers	
Sundyne Ansimag & Kontro sealless, PumpWorks Industrial sealed chemical pumps	6,500 GPM (1,476 m³/hr)	800 ft (244 m)	Stainless steel and non-metallic sealless chemical pumps for sodium hypochlorite, caustic, acids and other chemicals	
WEMCO Pumps - recessed impeller, screw centrifugal, non-clog, self-primer, chopper pumps in horizontal and vertical configurations; submersible & immersible	18,000 GPM (4,089m3/hr)	230 ft (70.1m)	For raw sewage, screenings, clarifier scum pits, primary sludge, RAS and WAS, digester and thickened sludge, chemicals, abrasives and fluids with solids.	
WEMCO Hydrogritter - cyclone grit removal and dewatering system; portable skid and wheel mounted packages, available in steel, galvanized and stainless steel.	1,570 GPM (357 m3/hr)	20 psi (1.37 bar)	Proven ability to remove fine grit (+150 mesh), extensive working life, includes cyclone and classifier	

Packaged Systems

Natpro can package any pump, blower, or compressor custom to your needs. We can design, build, provide quality control and commissioning assistance on your next project:

- · Sewage lift stations with fiberglass, steel or concrete sumps.
- · Chemical feed metering pump systems.
- Turnkey water booster systems and low pressure sewer pumping packages.
- Fire pump systems UL/ULC/FM, horizontal and vertical.

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Products for Municipal & Industrial Utility Applications

Product	Flows to	Heads to	Comments		
Wastewater Collection & Treatment Plant Products					
Pentair Fairbanks Nijhuis & Aurora horizontal and vertical sewage and sludge pumps	140,000 GPM (31,800 m³/hr)	210 ft (64 m)	Solids handling to 6 inch diameter, exceptionally rugged design features		
Pentair Fairbanks Nijhuis vertical turbine solids handling pumps	30,000 GPM (6,800 m³/hr)	110 ft (33.5 m)	Unique alternative to wet well/dry well designs, highly-efficient		
Pentair Fairbanks Nijhuis, Hydromatic submersible, grinder and self-priming wastewater pumps	25,000 GPM (5,700 m³/hr)	270 ft (82 m)	Fully packaged sewage lift stations also available		
Graco peristaltic hose pumps	290 GPM (66 m³/hr)	217 psi (1,496 kPa)	Available in 10 different sizes with a wide variety of hose elastomers		
NOV progressive cavity pumps	1,025 GPM (233 m³/hr)	1,500 psi (233 m³/hr)	For sludge and polymer feed systems. Replacement parts for other manufacturers		
Milton Roy & LMI metering pumps and chemical injection systems	2,650 GPH (10 m³/hr)	15,000 psi (103,000 kPa)	Complete packaged chemical injection systems. Proteus series are NSF61 Certified		
WEMCO recessed impeller, screw centrifugal, non-clog, self-primer, chopper pumps in horizontal and vertical configurations; submersible & immersible	6,000 GPM (1363m3/hr)	230 ft (70.1m)	For raw sewage, screenings, clarifier scum pits, primary sludge, RAS and WAS, digester and thickened sludge, chemicals, abrasives and fluids with solids		
WEMCO Hydrogritter - cyclone grit removal and dewatering system; portable skid and wheel mounted packages, available in steel, galvanized and stainless steel	1570 GPM (357 m3/hr)	20 psi (1.37 bar)	Proven ability to remove fine grit (+150 mesh), extensive working life, includes cyclone and classifier		
Compressed Air Systems					
Quincy air compressors, vacuum pumps and instrument air packages	1,500 CFM (43 m³/min)	500 psi (3,450 kPa)	Reciprocating and rotary screw with lubricated and oil-free designs.		
Hoffman Lamson centrifugal blowers, exhausters and engineered vacuum systems	41,000 CFM (70,000 m³/hr)	23 psi (158 kPa)	Turnkey packages for process vacuum and compression		
Nash, Garo liquid ring vacuum pumps and compressors, process and vapour recovery included	23,000 CFM (39,000 m³/hr)	150 psi (1,034 kPa)	Turnkey packages for process vacuum and compression		
Parker Zander, Zeks compressed air and gas filtration, drying systems and oil/water separators	as required	as required	Advanced technology, energy saving systems		

Specialty Equipment

Pentair-Aurora / **Vertiline Fire Pumps** – DXP-Natpro also manufactures complete package Fire Pump systems with full piping, electrical, HVAC and controls with insulated building and accessories. Capacities up to 7,500 GPM (1,703 m³/hr).

Crisafulli - high capacity pumps and lagoon pumps, various drives, dredges.

Milton Roy Side Entry Mixers – For storage and blending. Mixer equipped with 4 bladed Sabre® Impeller. Up to 1.3M BBL (200,000 m³).

Portable Equipment

Engine driven trailer-mounted self-priming and standard centrifugal/diaphragm pumps.

Service & Repair

System engineering analysis, field and shop repair or modifications to any make of existing pump. Service contracts are also available.

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