



Pumps & Pump Systems Since 2005

Patterson (Gorman-Rupp) NCS & F Series Non-Clog Centrifugal Pumps

Patterson NCS and F Series non-clog centrifugal pumps offer extremely high hydraulic efficiencies for solids handling pumps (74% - 88% at BEP), while meeting all Provincial standards for solids handling capability (2.5" to 8" spherical solids).

Available in discharge sizes from 76 mm (3") to 1219 mm (48"), these robust pumps are rated for flows to 22,712+ m³/h (100,000+ USGPM), and heads to 76+ M (250+ Feet).

Horizontal base mounted, or vertical close coupled, or vertical shaft drive configurations are available.

Vertical close coupled configurations are available with standard NEMA Premium Efficient Inverter Duty TEFC electric motors, with options for "Immersible" Premium

Efficient, or "Submersible" continuous-in-air motors to aid in protecting the motors from potential dry pit flooding.

NEMA Premium Efficient motors offer the highest wire-to-water efficiency when coupled to the high hydraulic efficiency Patterson NCS or F Series pump.

All pump models include an external axial impeller to wear ring adjustment feature to help maintain "as new" efficiencies longer.

Patterson "Zero Flush / Zero Water" mechanical seal systems are standard, and include an external single cartridge split seal (Chesterton or other), with a Spiraltrac solids removal throat bushing, which are easy to replace in the field (no pump dismantling is required).

To ease the monitoring of these pumps, options for external mounted RTD's, and vibration sensors are available.

Lift Station and WWTP applications include: unscreened raw sewage, supernatant, mixed liquor, RAS, WAS, centrate (reject water), final effluent, industrial wastewater, and storm water.

If you are considering pumps for a dry pit solids handling application, please contact us about Patterson NCS and F Series Non-Clog Centrifugal Pumps.



Please Contact Us

- > 780-469-4170 (Local Edmonton Area)
- > 1-866-469-4170 (Toll Free in B.C., Alberta, and Saskatchewan)
- > www.jeffpro.ca (General E-Mail Box)

