

Low Flow Remediation Pump (LFRP)

Qteq's Low Flow Remediation Pump (LFRP) is designed for the most hostile well conditions, such as powerful solvents, strong acids, caustic bases, corrosive chlorides and manufactured from industry proven materials for years of trouble free performance.

Every LFRP model has only two high-clearance, self-cleaning ball check valves, which attributes its rugged design and operation. This simplicity keeps them working when high solids, viscosity, or chemical attack cause other pumps to clog or break down. An external controller is required to control the alternating pressurization and venting cycles for the pump.

The LFRP design is especially suited for sinking hydrocarbons recovery, which is often complicated by high viscosity and/or extremely aggressive solvents. Intrinsically safe LFRPs are fast and easy to install, with no electrical connections at the wellhead.

Even in the harshest environments, these pumps keep working in the most demanding ground water clean-up, leachate collection, and sinking layer recovery applications.



Features and Benefits

- Self-cleaning, high clearance moving parts.
- Non-contaminating materials.
- Simple construction.
- Suitable for high solids and hydrocarbon applications
- Chemical resistant
- Low maintenance

Specifications

	LFRP3251	LFRP4251
Length	510 mm	510 mm
OD	32 mm	42 mm
Weight	0.7 kg	0.9 kg
Metallurgy	Brass	Stainless Steel, PTFE
Discharge Size	13 mm	13 mm
Air Supply	9 mm	9 mm
Pump Stroke Volume	0.3 L	0.35 L
Maximum Flow Rate	6.8 L/min	7.5 L/min
Operating Pressure	275 – 700 kPa	275 – 700 kPa
Maximum Operating Depth	70 m	70 m
Minimum Submergence	< 30 cm	< 30 cm

