

Why are there so many different types of pumps? A pump is just a pump isn't it?

There are so many different types of pumps because there are many different types of pumping applications. Some applications require pumping water at very high pressures and some applications require very high volumes. Some pumping applications involve very corrosive water and some require very hot water. Pumps are designed for specific applications. While a pump designed for pumping at very high pressures may work at pumping at lower pressures, that pump may actually be damaged by pumping at too low a pressure! Perhaps your well is a sandy well. If that's the case there are some pumps that handle sand quite well and some that will lock up in short order. Perhaps you have a hot water well. A pump with composite materials may not stand up very well in this situation and the motor for this pump needs to be oversized since cooling becomes an issue. At OPS we look very closely at your pumping application and find just the right pump for the job. There's a reason the pumps we install last longer than the industry averages!