

APPLICATIONS MADE SIMPLE

Below are simple instructions to assist you in completing the Depco Fast Fax. Fill in as many blanks as you can. We will do our best with the information you provide.

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DESCRIPTION OF YOUR APPLICATION

Simply, in your own words, describe what you want to move, how you want to move it, and from where to where you want to move it.

LIQUID(S) - Describe the liquid(s) being pumped and the % concentration of each. (The type liquid greatly affects the required materials of construction.)

SOLIDS - Most pumps are affected by solids in the liquid. It is important to identify whether there are solids, what they are, and the % of the liquid which are solids.

TEMPERATURE - It is important to note the temperature of the liquid. If there is a range note the high and low points. (Temperature affects the required materials of construction. Also some liquids are more aggressive at higher temperatures.)

VISCOSITY - This is a measure of the thickness of the liquid. The two most common scales are SSU and CPS. If the liquid is similar in thickness to water simply note that information. (Viscosity affects the speed the pump can be turned and the horsepower that is required to run it.)

SPECIFIC GRAVITY - This is a reference to the relative weight of a liquid compared to water which has a 1.0 specific gravity. Oils and solvents are usually lighter than water and acids are usually heavier. (Specific gravity affects the required horsepower and often the discharge pressure "head".)

DUTY - A measure of the intensity of service to which the pump will be exposed.
INTERMITTENT: Short periods of use from a few minutes to several hours but limited to less than 10 hours a week.
CONTINUOUS: Longer periods of operation from a few hours a day up to 24 hours a day.

POWER - Define your desired method of powering your pump.

FLOW - The gallons per minute you require. Note the range of flow if you are flexible.

PRIME - Simple YES/NO question as to whether the pump suction is located above the liquid source. (The answer is no if you have a flooded suction.)

HEAD - The discharge pressure you require can be noted in feet of head or PSI (pounds per square inch). Please note if your required pressure is measured at the discharge port of the pump or at the end of the discharge plumbing.

DISCHARGE - A measure of the plumbing located after the discharge port.
HEIGHT: Maximum height of any plumbing above the discharge port.
LENGTH: Total number of feet of plumbing vertical and horizontal located after the discharge port.

SUCTION - A measure of the plumbing located before the suction port.
HEIGHT: The number of feet vertically between the liquid source and the pump suction.
LENGTH: Total number of feet of plumbing vertically and horizontally located before the suction port.

ENCLOSURE - ODP: This is the standard open drip proof motor with vents in the housing of the motor for cooling.
 TEFC: This is a totally enclosed housing with an external fan for cooling.
 EXPLOSION PROOF: This is a totally enclosed motor which has been rated to operate in an explosive atmosphere.