

More on Diaphragm Pumps

A diaphragm pump uses the sprayers motor to create highly pressurised oil to drive the pump's diaphragm. During the stroke, the diaphragm moves down, and creates a vacuum within the paint chamber. The vacuum pulls the inlet valve open and the outlet valve is pushed closed by the spring and paint pressure in the hose. Paint is drawn into the paint chamber. On the up stroke, the inlet valve is closed and the outlet valve is forced open as paint is discharged to the sprayer hose.

