

TROUBLESHOOTING - SUP80 SUBMERSIBLE UTILITY PUMP

Problem	Probable	Cause/Corrective Action
The pump will not start.	There is a tripped circuit or a blown fuse.	If the fuse is blown, replace with the appropriate size or reset the circuit breaker.
	The line voltage is low.	If the voltage is less than the minimum required, inspect the wiring size at the main switch on the property. If the size is OK, contact the local electric company or hydroelectric authority.
	The motor is defective.	Replace the pump.
The pump starts but pumps little or no water.	The line voltage is low.	If the voltage is less than the minimum required, inspect the wiring size at the main switch on the property. If the size is OK, contact the local electric company or hydroelectric authority.
	The impeller is clogged.	Flush with a garden hose. If the debris cannot be cleaned, follow instructions above for care and cleaning.
	The impeller is worn or there are defective parts.	Replace the pump.
	There is air lock in the pump.	Tilt pump 90 degrees horizontally to allow air to escape.
The pump has automatically shut off or cycles intermittently.	Thermal overload has tripped, impeller is clogged, low voltage, long extension cord, very low head or lift.	Protect the pump from the heat of the sun. Pump cooler water. Pump is dry; add water. Unclog impeller, increase voltage, shorten extension cord, or increase head and lift.