TROUBLESHOOTING CHECKLIST

PROBLEMS	POSSIBLE CAUSES/SOLUTIONS
PUMP RUNS BUT DOES NOT DELIVER WATER	• Impeller or volute openings are fully or partially clogged. Remove pump and clean. • Pump is air-locked. Check for clogged vent hole in pump case. • Inlet holes in pump base are clogged. Remove pump and clean the openings. • Vertical pumping distance is too high. Reduce distance or change the discharge fittings of the pump.
PUMP RUNS BUT ONLY DELIVERS A SMALL AMOUNT OF WATER	• Pump is air-locked. Check for clogged vent hole in pump case. • Vertical pumping distance is too high. Reduce distance or change the discharge fitting of the pump. Inlet holes in pump base are clogged. Remove pump and clean the strainer and openings. • Impeller or volute openings are fully or partially clogged. Remove pump and clean. • Pump impeller is partially clogged with tar or paint, causing motor to run slow and overload. Remove pump and clean.
MOTOR RUNS FOR A SHORT TIME, THEN STOPS	• Inlet holes in pump base are clogged. Remove pump and clean the openings. • Pump impeller is partially clogged causing motor to run slow and overload. Remove pump and clean. • Motor stator may be defective. • Impeller or volute openings are fully or partially clogged. Remove pump and clean. Also clean the strainer if one is installed.