TROUBLESHOOTING

⚠ CAUTION DO NOT DISASSEMBLE THIS PUMP WITHOUT THE MANUFACTURER'S PERMISSION. THE WARRANTY DOES NOT COVER UNAUTHORIZED DISASSEMBLY.

If the remedial actions in this table do not eliminate the faults or the faults encountered are unmentioned in this table, please contact customer service.

PROBLEM	PROBABLE CAUSE	RESOLUTION
The engine experiences difficulty starting up, does not start up, or does not produce sufficient power.	Fuel is insufficient	Refill recommended fuel
	On/Off switch is not turned on.	On/Off switch is turned to "On"
	Choke is not closed.	Close Choke.
	Too much carbon deposit in spark plug	Eliminate carbon deposit
	Gap of spark plug is not correct.	Adjust gap of spark plug to specified range.
	Spark plug is damaged.	Replace spark plug.
	Use engine oil of poor quality or engine oil deteriorates.	Replace engine oil
	Overload or overheats.	Check operating status.
	Engine oil is insufficient.	Add appropriate volume of engine oil.
The pump is either not pumping water or there is not enough pressure when running.	There is blockage in the filter.	Remove the blockage.
	There is inadequate priming in the pump.	Unscrew water filling plug and fill with clean water.
	Blockage, drop-out, leakage of water pipe, or too long or insufficient diameter of the pipe	Check the water pipe.
	Water suction does not sink into water	Adjust the position of the water suction, so that it is completely submerged in water.
	Water suction pipe joint leaks.	Check water pipe joint.
	The installation height of the water is too high.	Decrease the installation height of the water pump.