



FIGURE 2

REPLACEMENT PARTS			
Item No.	Part No.	Description	Qty.
1	177343	Garden hose adapter	1
2	177344	Float/stem assembly	1
3	177345	Float access cover	1

TROUBLESHOOTING INFORMATION

SYMPTOM	CAUSE	REMEDY
Pump will not shut off.	Stuck float.	Clean area around float.
	Defective switch.	Contact factory.
	Pump is air locked.	Shut power off for approximately 1 minute, then restart. Repeat several times to clear air from pump.
	Liquid inflow matches or exceeds pump capacity.	Larger pump required, or multiple pumps. See capacity sizing information.
	Frozen water in discharge hose.	Thaw hose or replace hose.
Pump runs but will not discharge liquid.	Lift too high for pump.	Check pump specifications table.
	Inlet to impeller plugged.	Pull pump and clean.
	Pump is air locked.	Shut power off for approximately 1 minute, then restart the pump. Repeat several times to clear air from the pump. If this does not resolve the problem, the vent hole might be blocked. Clean the hole according the SERVICE INSTRUCTIONS section.
	Frozen water in discharge hose.	Thaw hose or change out.
Pump does not deliver rated capacity.	Lift too high for pump.	Check rated pump performance.
	Low voltage, speed too slow.	Check for proper supply voltage, ensuring that it corresponds to nameplate voltage.
	Impeller or discharge pipe is clogged.	Pull pump and clean. Check pipe for scale or corrosion.
Pump cycles continually.	No check valve in long discharge pipe allowing liquid to drain back onto cover.	Install a check valve in discharge line.
	Check valve leaking.	Inspect check valve for correct operation.
	Switch failed.	Have pump serviced.
	Volute clogged.	Clean screen and basket.
	Switch float stuck.	Remove access screen and clean debris from float.
	Motor failure.	Have pump serviced.
	Thermal protector activated.	Allow pump to cool.
	GFCI device activated.	Inspect all electrical connections and reset GFCI.