

Current Draw – Electronic Accessories Supplied with Waterous Pumps

The table below indicates the current draw for accessories on Waterous pumps.

Accessory		Current Draw
Priming Pumps	VPE, VPES Electric Motor	250 amps (No load, beginning of priming cycle) 430 amps (Full load at end of priming cycle)
	VPO, VPOS 12V	150 amps (No load, beginning of priming cycle) 200 amps (Full load at end of priming cycle)
	VPO, VPOS 24V	75 amps (No load, beginning of priming cycle) 100 amps (Full load at end of priming cycle)
	HHE, HHEB Electric Motor	300 amps (No load, beginning of priming cycle) 530 amps (Full load at end of priming cycle)
	VPB Electric Clutch	4 amps
Solenoid Actuated Priming Valve		74 amps
Electric transfer valve w/lights		18 amps (operated @ 75 psi net pump pressure)
Relief valve indicator lights		.241 amps
Electric shift w/indicator lights		20 amps (when shift cycle is initiated) Decreases to 10 amps for remainder of the cycle*
Electric discharge valves (2-1/2 & 3-1/2 in.)		12.5 amps (valve flowing 650 GPM @ 22 psi) 11.4 amps (valve flowing 1500 GPM @ 150 psi) 20.1 amps (maximum draw at end of travel)

* Cycle time is approximately one second.

Hydraulic Pump Shift	20 amps @ 625 psi
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