

Form N0.	Issue Date	Rev. Date
F-2299	08/14/96	10/14/21

## 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	250 A (No load, beginning of priming cycle)	
	Electric Motor	430 A (Full load at end of priming cycle)	
	VPO, VPOS	150 A (No load, beginning of priming cycle)	
	12V	200 A (Full load at end of priming cycle)	
	VPO, VPOS	75 A (No load, beginning of priming cycle)	
	24V	100 A (Full load at end of priming cycle)	
	HHE, HHEB	300 A (No load, beginning of priming cycle)	
	Electric Motor	530 A (Full load at end of priming cycle)	
	VPB	4 A	
	Electric Clutch		
Solenoid Actuated Priming Valve		74 A	
Electric Transfer Valve w/Lights		18 A (operated @ 75 psi net pump pressure)	
Relief Valve Indicator Lights		241 mA	
Electric Shift w/Indicator Lights		20 A (when shift cycle is initiated)	
		Decreases to 10 A for remainder of the cycle*	
Electric Discharge Valves (2-1/2 & 3-1/2 in.)		12.5 A (valve flowing 650 GPM @ 22 psi)	
		11.4 A (valve flowing 1500 GPM @ 150 psi)	
		20.1 A (maximum draw at end of travel)	
Hydraulic Pump Shift		20 A @ 625 psi	
TG100 Electric Shift		5.6 A	
VAP Isolation Solenoid		1.25 A	
Electric Butterfly Valve	12V	30 A Max (Beginning of opening cycle)	
	24V	15 A Max (Beginning of opening cycle)	
Electric Tank to Pump	12V	30 A Max (Beginning of opening cycle)	
Valve	24V	15 A Max (Beginning of opening cycle)	
ОРМ	12V	.04 A (with alarm)/.01 A (without alarm)	
	24V	24V .16 A (with alarm)/.06 A (without alarm)	

<sup>\*</sup>Cycle time is approximately one second.