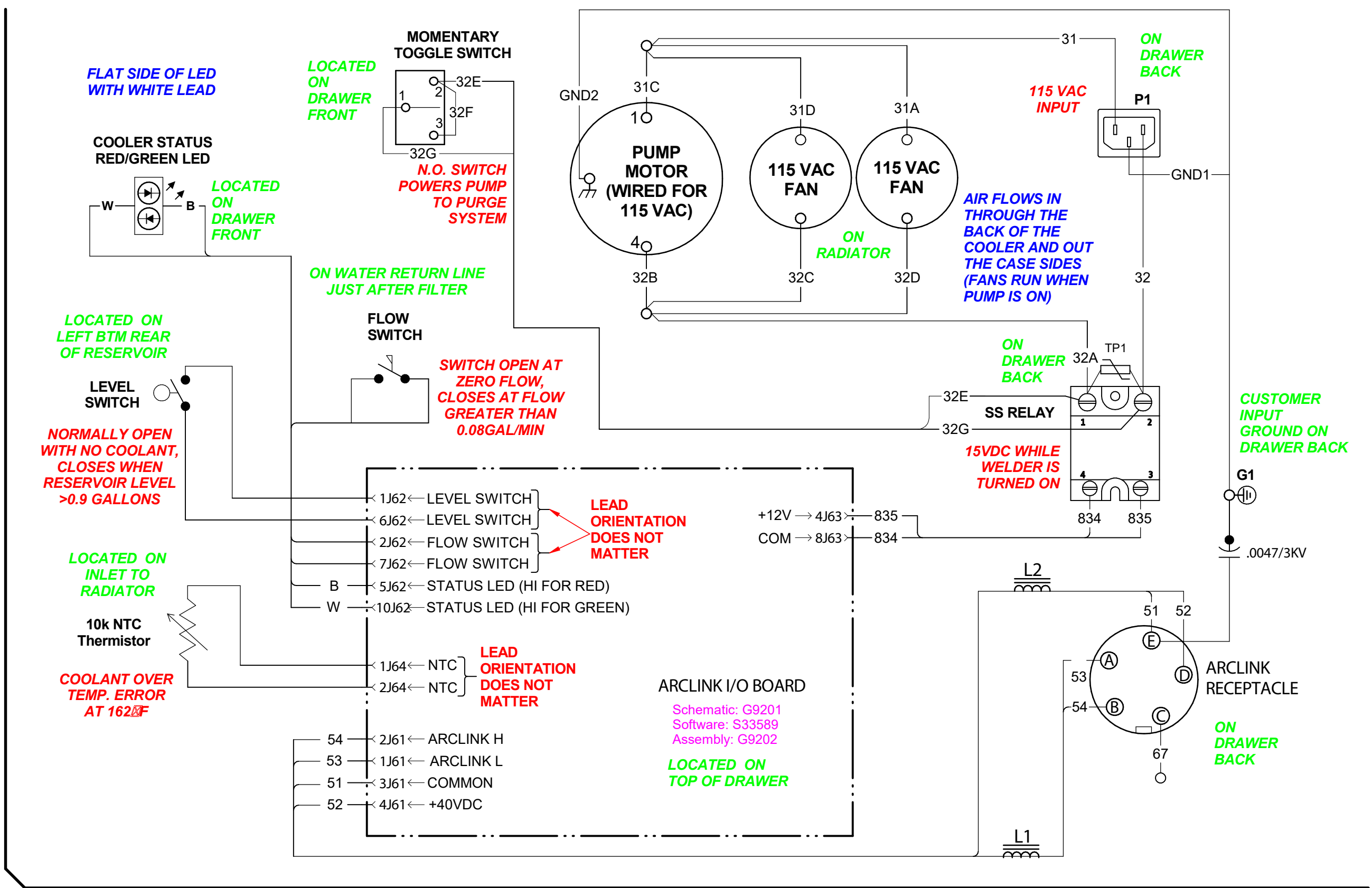
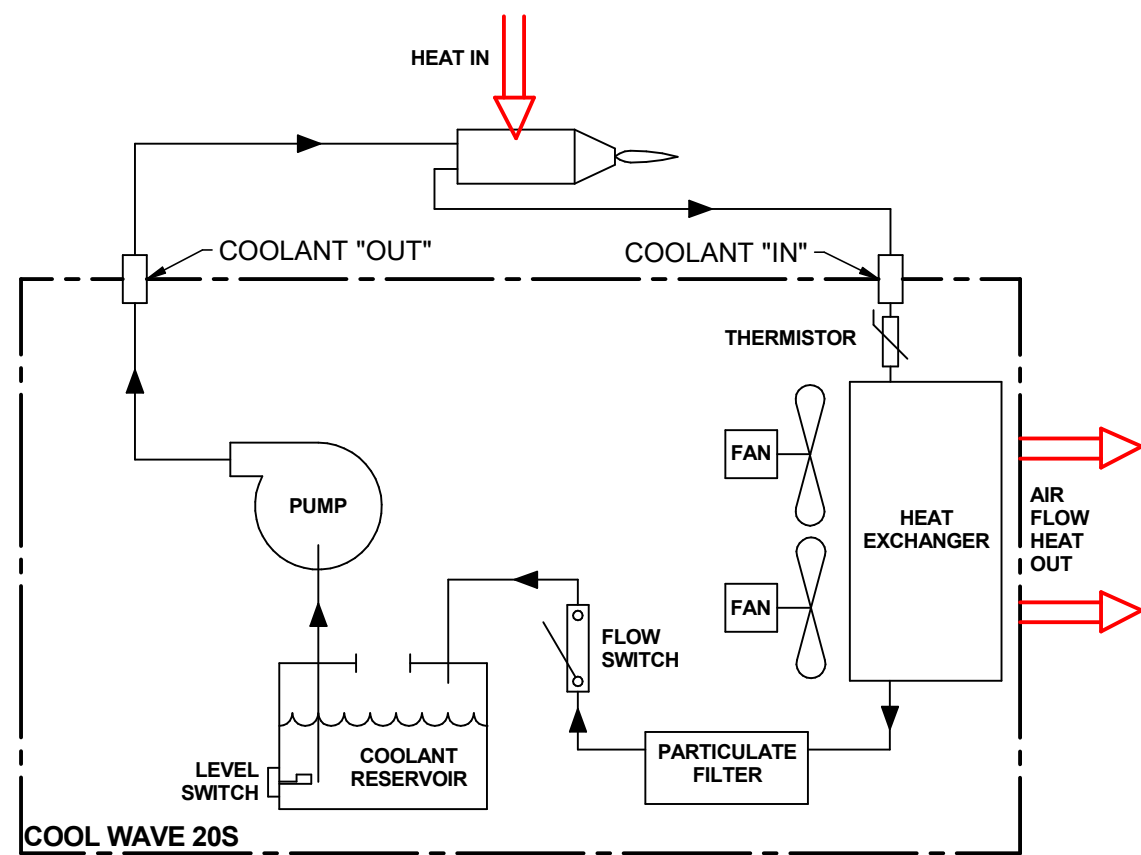
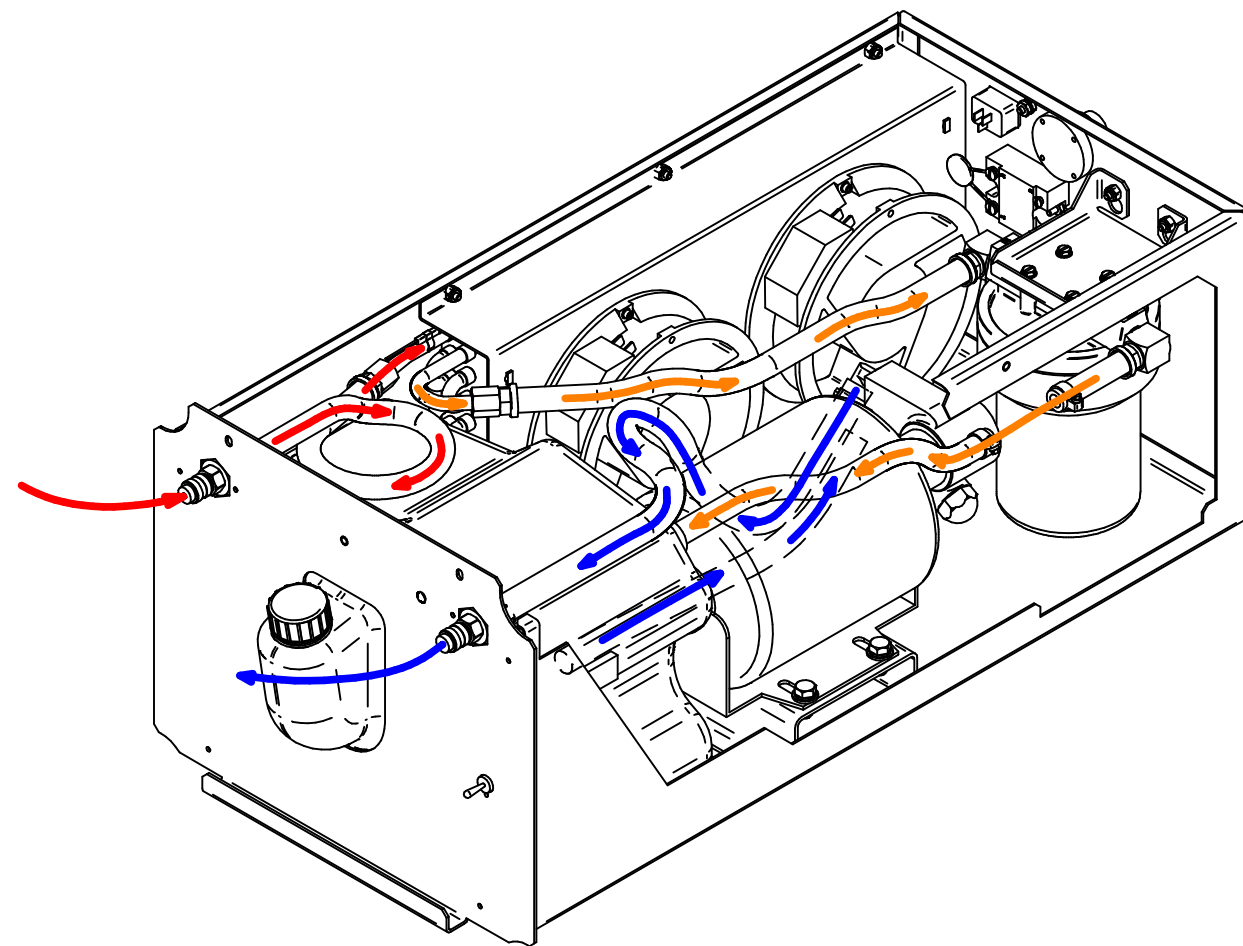


COOL WAVE 20S MACHINE SCHEMATIC L17931 REV: A



ERROR CODES		
ERROR	EXPLANATION	INDICATION
446	Cool Wave Not Found	The cooler is not communicating Arlink with the machine. Check that the Arlink cable is connected between the machine and cooler. The 40V breaker on the machine may have tripped.
817	Coolant Temperature Too High	The coolant temperature has exceeded its limit. This is measured by an NTC on the input to the radiator. The limit is 162 F which should allow for 100% use at 200A.
814	Cooler Flow Fault	The flow sensor is not detecting proper flow. The cooler requires at least 0.5 gallons/min of flow to keep the switch shut. Check that the cooler has 115VAC power, that all lines are connected, that the system is primed, and that there are no blockages.
815	Cooler Level Fault	There is not enough coolant in the reservoir. The reservoir requires approximately 0.9 gallons of coolant to keep the level switch shut.
824	Thermistor Missing	NTC thermistor is not plugged in, ambient temp. is too low, or thermistor is damaged.

LED List		
LED #	Color	Function
LED 1	Green	+5V CAN SUPPLY
LED 2	Green	+12V SUPPLY
LED 3	Green/Red	STATUS LED
LED 4	Green	+5V NTC SUPPLY