

Table 6: Display Code Index			
Display	Malfunction	Possible Cause	Information
(blank)	No power to heat pump	Tripped circuit breaker/ no power supply	Check breaker and ensure that the unit is properly installed.
		Faulty electrical component	Call for service.
	Unit will not turn on	Display module failure	Call for service.
E01	High Pressure Switch, circuit open.	Low water flow	Check water flow to heat pump. Ensure pool pump is on.
			Clean your filter
			Make sure all valves are fully open and bypass valve is closed
			Turn off other water flows; fountains, etc.
		High water temp	Check pool temp. Confirm within allowable limits for heating and cooling. Call for service.
E02	Low Pressure Switch, circuit open.	Air flow obstruction	Remove debris and other items restricting air flow to heat exchanger
		Low Ambient Temperature cutoff	Wait for outside temperature to reach 20°F.
		Unit low on refrigerant	Call for service.
E03	Flow Switch circuit open	Low or no water flow or remote on/off in use	Check water flow to heat pump. Ensure pool pump is on.
			Make sure all valves are fully open and bypass valve is closed
			Clean your filter
E05	Water temperature freeze protection	Water freeze warning activated	Unit can't keep water above freeze point
E06	Unit water temperature rise to great	Low water flow	Call for service
E07	Freeze up during cooling mode	Low water flow	Call for service
E19	Primary anti-freezing protection heating mode	Ambient temperature too low for operation	Call for service
E29	Primary anti-freezing protection heating mode	Ambient temperature too low for operation	Call for service
P01, P02	Inlet or Outlet temperature sensor failure	Sensor short circuit, open circuit or not connected	Call for service or replace sensor
P04	Ambient temperature sensor failure	Sensor short circuit, open circuit or not connected	Call for service or replace sensor
P05, P15	Coil temperature sensors failure	Sensor short circuit, open circuit or not connected	Call for service or replace sensor
P07	Suction temperature sensor failure	Sensor short circuit, open circuit or not connected	Call for service or replace sensor
P081	Discharge temperature sensor failure	Sensor short circuit, open circuit or not connected	Call for service or replace sensor
P082	Discharge temperature out of range	Compressor overloaded	Call for service or replace sensor
PP	Pressure sensor failure	Sensor short circuit, open circuit or not connected	Call for service or replace sensor

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Display	Malfunction	Possible Cause	Information
F02	Inverter offline	Inverter to control board communication failure	Check the communication cable for connection.
F04	Compressor start Failure	Compressor power overload	Call for service
F05, F051	Fan fault	Motor feedback open circuit or short circuit	Call for service
F06, F26	Inverter overcurrent fault	Inverter power high	Restart unit, Call for service
F10	Inverter under voltage fault	Unit supply voltage too low	Confirm ample power supply to unit, Call for service
F19, F20, F22	Inverter over temperature	Inverter temperature out of range or near limits	Restart unit, Call for service
F25	Inverter EEPROM Warning	Inverter check-sum communication error	Restart unit, Call for service