



Status LED	DESCRIPTION
Heartbeat	Control has 24 VAC power
2 Flashes	Pressure switch did not open, check for obstructed pressure tubing
3 Flashes	Pressure switch did not close, or re-opened- Check for: excessive wind, proper vent size, defective inducer motor, low inducer voltage, defective pressure
	switch, inadequate combustion air supply, disconnected or obstructed pressure tubing, low inlet gas pressure, restricted vent, condensate clogged
4 Flashes	Limit circuit fault-a limit or flame rollout is open. Check for: restricted vent, proper vent sizing, loose blower wheel, excessive wind, dirty filter, defective blower
	motor, defective switch or connections, inadequate combustion air supply
5 Flashes	Abnormal flame proving signal-Flame is proved while gas valve is de-energized. Check for: leaky gas valve, stuck open gas valve
6 Flashes	Failure to ignite or flame sense lost while running. Check for: Flame sensor must not be grounded, low inlet gas pressure, oxide buildup on flame sensor,
	Manual valve shut off, proper flame sense microamps, gas valve defective or gas valve turned off, defective hot surface igniter, control ground continuity,
	Inadequate flame carryover or rough ignition, green/yellow wire MUST be connected to furnace sheet metal.
7 Flashes	Limit circuit lockout- Lockout occurs if the limit or flame rollout is open longer than 3 minutes. Control will auto reset after 3 hours. Refer to #4
8 Flashes	Gas heating lockout-Control will NOT auto reset. Check for: mis-wired gas valve, defective control valve
10 Flashes	Polarity-Line voltage, polarity reversed. If twinned, refer to twinning kit instructions.
1 + 2	Blower on after power up- Blower runs for 90 seconds, if unit is powered up during a call for heat (R-W closed) or (R-W) opens during blower on delay.
6 + 1	Ignition lockout- Control will auto-reset after 3 hours. Refer to #6.
LED Off	Secondary voltage fuse is open- Check for: door switch not closed, 115VAC at L1 and neutral, 24VAC RED and COM BLUE, 24V Fuse 3A, short circuit
	in secondary voltage (24VAC wiring)
LED On	Control circuitry lockout- Auto-reset after one hour
LED SOLID	Gas valve relay stuck open- Flame sense circuit failure, software check error, reset power to clear lockout, replace control if status code repeats.