

STARPRO HEATER ERROR CODES

30	Fan Limp	No fan speed signal received for 200 sec. [3min 20 sec]
32	Data Error	Board Failure
33	MDGU_Limp	Feedback current not detected from Gas Valve
35	No_SA_THM	S/A Thermistor not detected or open circuit
36	BAdSA-THM	S/A Thermistor not reached 33 deg within 2 min
40	OHEAT R-A	Combustion fan O/H switch open
41	OHEAT S-A	S/A overheat switch open
42	OHEAT_THM	S/A Thermistor exceeded 90 deg
43	OHCoolDwn	Result of error 40, 41 or 42
44	RoLLOut	Result of error 40, 41 or 42
45	LOW24VOLT	Result of error 40, 41 or 42
46	IGR_NOFLM	Flame lost at burner during ignition
47	IGR_BDFLM	Flame lost during flame prove state
48	LOST PRES	Combustion Chamber Pressure switch open
49	LOST_FLME	Unexpected flame loss during heating cycle
50	IGN_LKOUT	No gas flue or Ignition, Afro rollout detected
51	RLT_NOGAS	No gas flue or Ignition, Afro rollout detected
52	FLM_NOGAS	Flame picked up, but valve not open
53	OH_LKOUT	Number of O/H Cool downs events exceeded 2
54	RoL_LKOUT	Duriing ignition, flame detected on Afro
55	IGNINVALID	After max number of ignition attempts flame not proved
56	PRES_STOF	combustion fan started, but pressure switch stuck off
57	PRES_STON	combustion fan off, but pressure switch stuck on
58	PRES_FAIL	With combustion fan running, pressure switch has opened
60	MOTOR O-C	Motor open circuit
61	PUCR_STOF	Power supplied to primary valve control relay, but relay not closing
62	PUCR_STON	Primary valve control relay closed although no power app
63	PUCR_FAIL	Primary valve control relay should be closed, but still open
64	GAS_LKOUT	Gas valve modulating coil exceeding max of 160mA
65	MTR_LKOUT	While error 30 and 60 is present, motor will lockout
66	SUCR_STOF	Secondary control relay should be closed but still open
67	SUCR_STON	Secondary valve control relay closed although no power app
68	SUCR_FAIL	Secondary control relay should be closed but still open
69	FUSE_BLOW	24 volts supply lost as fuse has blown
70	SS-SDNERR	2nd micro did not shut down heating cycle
71	SS-STAERR	Primary micro detected that secondary micro is calling for heat