

AUTO EMS / MPS HEATER ERROR CODES	
Error 30 FAN_LIMP	No fan speed signal received for 200 sec. [3min 20 sec]
Error 31 RoLL_TERR	Flame detected on burner after gas valve has closed
Error 32 DATA_Err	Malfunction or failure of NG-Lo module
Error 35 No_SA-THM	S/A Thermistor not detected or open circuit
Error 36 BAdSA-THM	S/A Thermistor not reached 33 deg within 2 min
Error 37 TACHO-Err	No RPM signal received or signal greater than 1500 RPM
Error 40 OHEAT_R-A	Overheat of R/A klixon
Error 41 OHEAT_S-A	S/A overheat switch open
Error 42 OHEAT_THM	S/A Thermistor exceeded 90 deg
Error 43 OHCoolDwn	Result of error 40, 41 or 42
Error 44 RoLLOuT	Flame sensed on Afro sensing rod
Error 45 LOW24VOLT	Low power supply, resulting in insufficient 24 VAC output
Error 46 IGN_RETRY	re-ignition attempt when burner did not light within 5 sec
Error 50 IGN_LKOUT	Ignition lockout after 4 ignition attempts & burner did not light
Error 51 FLMS_LOSS	Pilot flame loss before main burner started
Error 52 FLM_NOGAS	Flame detected on burner without valve being energised
Error 53 OH_LKOUT	Unit had 2 over temperature conditions within 13 mins
Error 54 RoL_LKOUT	Unit locked out after 3 consecutive flame roll out (3 x Err 44)
Error 55 IGNINVALID	Flame lost within 10 sec of valve opening 6 consecutive times
Error 56 PowER_UPD	Power interruption
Error 60 MOTOR_O-C	Main fan motor open circuit
Error 61 503_FAIL1	Malfunction or failure of NG-Lo module
Error 62 HSI_LOCK	HIS ignitor is open circuit
Error 63 503_FAIL5	Malfunction or failure of NG-Lo module
Error 64 503_FAIL	Malfunction or failure of NG-Lo module
Error 65 MTR_LKOUT	Main fan motor open circuit and no speed sensor signal
Error 67 503_WD	Malfunction or failure of NG-Lo module
Error 68 503_nCCFG_Err	Malfunction or failure of NG-Lo module
Error 69 FUSE_BLOW	Blown fuse or lower than 24 VAC output of transformer
Error 70 FSAFE_LOC	Flame loss on backup flame sensor
Error 71 FSaFE_LOC	Flame loss on backup flame sensor