

Thermo King Alarm Codes

For the following units:

SB-III 30 SR+, SB-III 30 SR TCI-2, Super II 30 SR+ Thermoguard μ P IV, Super II SR TCI-2 Thermoguard μ P IV, SB-190, SB-200, SB-300, SB-400, Super II 190 Thermoguard μ P VI Controller and SB-210, SB-310. SB-410 with SR-2 Controller.

- | | | | |
|-----|------------------------------------------|------|------------------------------------------------|
| 0. | No Alarms Exist | 52. | Heat Circuit |
| 2. | Evaporator Coil Sensor | 53. | Economizer Valve Circuit |
| 3. | Control Return Air Sensor | 54. | Test Mode Time-Out |
| 4. | Control Discharge Air Sensor | 55. | Check Engine Speeds |
| 5. | Ambient Air Sensor | 61. | Low Battery Voltage Check |
| 6. | Coolant Temperature Sensor | 62. | Ammeter Out of Calibration Range |
| 7. | Engine RPM Sensor | 63. | Engine Stopped – Reason Unknown |
| 9. | High Evaporator Temperature | 64. | Pretrip Reminder |
| 10. | High Discharge Pressure | 66. | Low Engine Oil Level |
| 11. | Unit Controlling on Alternate Sensor | 67. | Liquid Line Solenoid |
| 12. | Sensor Shutdown | 70. | Hourmeters Failure |
| 13. | Sensor Check | 71. | Maintenance Hourmeter 4 Exceeds Set Time Limit |
| 15. | Glow Plug Check/Intake Air Heater | 72. | Maintenance Hourmeter 5 Exceeds Set Time Limit |
| 17. | Engine Failed to Crank | 73. | Maintenance Hourmeter 6 Exceeds Set Time Limit |
| 18. | High Engine Coolant Temperature | 74. | Controller Reset to Defaults |
| 19. | Low Engine Oil Pressure | 75. | Internal Fault Codes |
| 20. | Engine Failed to Start | 76. | Internal Fault Codes |
| 21. | Cooling Cycle Check | 77. | Internal Fault Codes |
| 22. | Heating Cycle Check | 78. | Internal Fault Codes |
| 23. | Cooling Cycle Fault | 79. | Data Log Overflow |
| 24. | Heating Cycle Fault | 80. | Compressor Temperature Sensor |
| 25. | Alternator Check | 81. | High Compressor Temperature |
| 26. | Refrigeration Capacity Check | 82. | High Compressor Temperature Shutdown |
| 27. | Motor RPM High | 83. | Low Coolant Temperature |
| 28. | Pre-Trip Abort | 84. | Restart Null |
| 29. | Defrost Damper Circuit | 85. | Forced Unit Operation |
| 30. | Defrost Damper Stuck Closed | 86. | Discharge Pressure Sensor |
| 31. | Oil Pressure Switch | 87. | Suction Pressure Transducer |
| 32. | Refrigeration Capacity Low | 89. | Electronic Throttling Valve Circuit |
| 33. | Check Engine RPM | 90. | Electric Overload |
| 35. | Run Relay Circuit | 91. | Electric Ready Input |
| 36. | Electric Motor Failed to Run | 92. | Sensor Grades Not Set |
| 37. | Engine Coolant Level | 93. | Low Compressor Suction |
| 38. | Electric Phase Reversed | 94. | Loader #1 |
| 39. | Water Valve Circuit | 95. | Loader #2 |
| 40. | High Speed Circuit | 96. | Low Fuel Level |
| 41. | Check Engine Coolant Temperature | 98. | Fuel Level Sensor |
| 42. | Unit Forced to Low Speed | 99. | High Compressor Pressure Ratio |
| 43. | Unit Forced to Low Speed Modulation | 108. | Door Open Time-Out |
| 44. | Check Fuel System | 109. | High Discharge Pressure |
| 45. | Hot Gas Bypass or Hot Gas Bypass Circuit | 111. | Unit Configuration |
| 46. | Check Air Flow | 117. | Auto Switch to Electric |
| 48. | Check Belts or Clutch | 118. | Auto Switch to Diesel |
| 50. | Reset Clock | 121. | Liquid Injection Circuit |
| | | 122. | Diesel/Electric Relay Circuit |
| | | 127. | Setpoint Not Entered |
| | | 128. | Engine Run Time Maintenance Reminder #1 |
| | | 129. | Engine Run Time Maintenance Reminder #2 |
| | | 130. | Electric Run Time Maintenance Reminder #1 |
| | | 131. | Electric Run Time Maintenance Reminder #2 |
| | | 132. | Total Unit Run Time Maintenance Reminder #1 |
| | | 133. | Total Unit Run Time Maintenance Reminder #2 |
| | | 134. | Power On Hours |
| | | 135. | Spare Digital Inputs |
| | | 136. | Spare Digital Outputs |
| | | 203. | Display Return Air Sensor |
| | | 204. | Display Discharge Air Sensor |

If unit does not re-start and all codes have been cleared call RoadWatch™ for 24/7 support at 1-800-325-1453, press option 1.