THERMO KING

Service Bulletin

SB969

Date: January 14, 2025

Subject: SR-3.1 Single Temperature Base Controller Software Revision D100

Location: e-Tech Library

Units: SR-3 Single Temperature T-90

Description: SR-3.1 Single Temperature Base Controller Software Revision D100 was released in the 4th Quarter of 2024. This software is available from Thermo King® e-Tech Library.

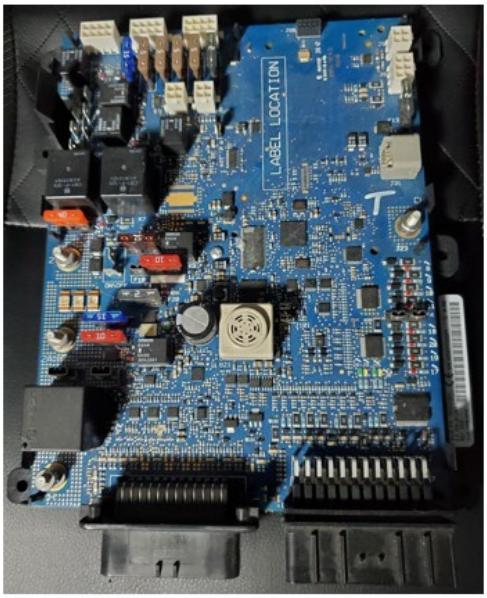
Summary: SR-3 base controller boards will be replaced by SR-3.1 base controller boards due to obsolete components on the base controller. Form, fit, and function are the same as SR-3. SR-3.1 requires new software (D100) and is not backwards compatible with SR-3.

Important: D100 software can only be used on SR-3.1 base controller boards. D100 will not allow you to flash on a SR-3.0 board.

Base Controller Color Identification:

The Base Controller can easily be identified by the color of the board.

- SR-3 Base Controller (2024 and earlier) are colored Blue.
- SR-3.1 Base Controller (2024 and later) are colored Green.





Label Identification:

The Serial Number for SR-3 controllers (Blue) end in “3T1”. The Serial Number for SR-3.1 controllers (Green) end in “3R1” or “3R2”.

SR-3 Base Controller



SR-3.1 Base Controller



IMPORTANT: SR-3.1 Base Controller software D100 and HMI Control Panel software 75C8 and above are both required for full feature availability.

IMPORTANT: Unless otherwise noted, software upgrades made to units with previous software revisions are not covered by a warranty labor allowance. This upgrade is made at the discretion of dealers and with the agreement of the unit owner or operator.

NOTE: If an SR-3.1 controller with D100 is replacing an SR-2 controller, the SR-2 HMI (4 MB) must be flashloaded with HMI software 68C4 to be compatible with D100.

WinTrac® and OptiSet® Plus Software Requirements:

SR-3 truck applications with D100 require WinTrac 6.12 or later.

Availability:

Base Controller software D100 and HMI Control Panel software 75C8 are available in e-Tech Library.

- SR-3 Base Controller D100 Software - The file name for the *.ZIP file containing both the traditional .mXX and .cXX files and the *.FLA file is Micro Code D100 Update for the SR-3.1 Single Temp Base Controller.zip. Click this file to download the software.
- HMI Control Panel 75C8 Software - The file name for the *.ZIP file containing both the traditional .mXX and .cXX files and the *.FLA file is Micro Code 75C8 Update for the SR-3.1 HMI Control Panel.zip. Click this file to download the software.

When Base Controller and/or HMI Control Panel flashload files are downloaded from the Thermo King e-Tech Library, they are downloaded as a *.ZIP file. When flashload files for these SR-3.1 applications are unzipped, there will be three files.

- The traditional *.mXX and *.cXX files will be unzipped. These two files are for use when flashloading the SR-3 unit in the traditional manner by using a data cable to connect the SR-3 unit to a computer equipped with WinTrac.

NOTE: Both the *.mXX and *.cXX files must be present in order to perform a flashload using a data cable, even though only one of them is shown by WinTrac.

- A *.FLA file will also be unzipped. This file is for use when flashloading a unit using a WinTrac configured USB Flash Drive. Refer to TT611 - FLA Files for SR-3 Single Temperature Units for more information about using FLA files.

  NOTE: If the USB Flash Drive is used, the appropriate *.fla file must be placed on a WinTrac configured Flash Drive. The *.fla files must be placed in the appropriate folders on the Flash Drive.

Flashloading:

For additional information on flashloading software using a computer, WinTrac, and a data cable, refer to Service Procedure A46A and Service Procedure A46B of the SR-3 Truck Single Temp Diagnostic Manual (TK 55208).

NOTE: T-90 units do not have a 4 pin to 5 pin Deutsch connector included. To connect to the board, use a 4 pin to 5 pin Deutsch cable such as aftermarket PN 415484.