



T-Series



Thermo King, a division of Ingersoll Rand recently developed and launched their much anticipated, T-Series: next generation truck refrigeration unit. After years of research, Thermo King's T-Series delivers improved fuel economy, life cycle costs, ease of service and quietness.

This improved technology needed to be expressed in an exterior design that told its buyers that it was not their daddies' refrigeration unit. So, Thermo King approached Brooks Stevens, Inc. to design and model exterior panels that went beyond simply aesthetic appeal.



Side View of CAD Model

BSI satisfied the client with a cutting edge style that still fit into the trucking environment. Not only were the designs sleek, but they overcame manufacturing and usage challenges. BSI performed computer modal analyses on the skins to detect and correct vibration-related issues before any tooling was cut. Further, BSI enabled the large plastic panels to account for thermal expansion issues. When the first set of prototypes came back and were perfect, the client knew they had come to the right place. Thermo King and their customers appreciate the extremely tight panel gaps which are a sign of good quality, not to mention that the skins afford access to all interior components.

The Thermo King T-Series designed by Brooks Stevens, Inc. was launched in 2010 and has been dubbed "a work of art." ■



Mounted to Truck