

RESIN CAR WORKS
RCW
P.O. BOX 42
BYRON, IL. 61010
Freight Cars of Every Description

**Standard Steel
Heating Boiler**
Kewanee Boiler Corporation



Introduction

Thank you for your interest in Resin Car Works and this offering. Resin Car Works is not a business in the traditional sense. Its purpose is to share in the fun of prototype railroad freight car modeling and their operations with others. We try to provide unique and different equipment that isn't readily available. Several friends, and for this project my middle son Patrick, assisted with various production phases, so it's not quite a one-man operation. To list a few who helped with production, I would like to thank: Patrick for the 3D model which provided the pattern; Tom Madden for his gorgeous castings; Ken Soroos for creating the instructions and labels; and Eric Hansmann, the keeper of the website and blog.

Warranty

All sales are final. There will be no exchanges or returns. Resin Car Works will replace any part(s) found to be defective due to manufacturing or shipping to the original purchaser within the first 30 days after shipment. The damaged part(s) must be sent back with your request for replacement. As these are limited production kits, don't ask for replacement of parts that you damage or lose after the 30 day period.

Liability

Resin Car Works will not be responsible or held liable for any and all personal injury and/or health problems, short and/or long term that may result from the use and/or misuse of tools, adhesives, materials, castings, paints or any other product(s) used to construct and/or contained in this kit. This kit contains polyurethane castings. Although non-toxic in its cured state, dust is created during filing, sanding and drilling. Air circulation and/or ventilation should be provided. Always work in a well-ventilated room. Wear a dust mask or respirator and safety glasses for protection. Always wash your hands when you're finished working.

The Kit

The kit represents a standard steel heating boiler such as this one made by the Kewanee Boiler Corporation of Kewanee, Illinois. This particular boiler design is from a basic patent taken out in 1873. Until the late 1950s it was offered in various types and sizes. The kit is patterned on a Kewanee Type C *Smokeless* boiler from dimensional data in the company's 1929 catalog. It's in the middle of the sizes of boilers offered by Kewanee.

This is a project that I've been trying to figure out how to model now for about two decades. 3D modeling solved that. The purpose of the boiler is to create a load, but they can be used anywhere that a stationary power source would be needed. The kit is composed of two one-piece boiler castings and a set of etched bands from Yarmouth Model Works (Sorry, but the flat car is not included).

Construction

Always as a first step, it's recommended that the castings be washed in warm water with Dawn dish soap. A good color to represent a new boiler is aluminum. I use Testor's Model Master Enamel paints, but your paint of preference will work just as well. It is also recommend that if the boiler is to be used as a load, that a piece of 0.040" styrene be attached to the underside as a connection point. Double-sided masking tape allows the boiler to be attached to the car, but will also allow the load to be removed. For blocking, any 4"x 6" scale wood will work when cut to approximately 2' lengths. The loading straps (bands) were pre-painted a khaki color prior to placement. In my case, the straps are just bent around the stake pockets as I might want to remove the load.

