

RAIL KING[®]

By M.T.H. Electric Trains

Operating Factory on Fire OPERATOR'S MANUAL



Add some real excitement to your layout with this realistic all-new accessory. While the "fire" isn't real, the smoke and water are!!

Watch as the smoke pours out of the factory. The fire glow from inside gives off the impression that the factory is ablaze. Fortunately, the fireman outside is on alert and is diligently washing down the factory with his hose as real water streams out and water is going in the window. The water is self-contained inside the structure and recirculates through the fireman's hose. Everything comes painted and assembled. Installation is easy and quick.

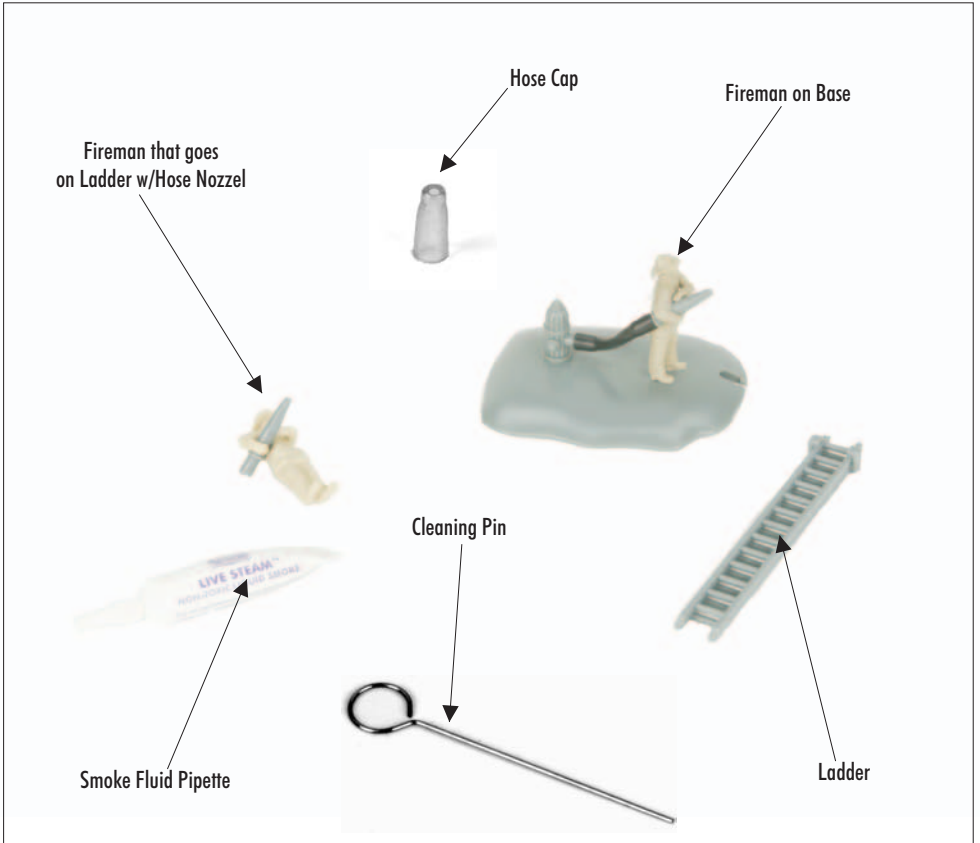
CAUTION: ELECTRICALLY OPERATED PRODUCT:

Not recommended for children under 8 years of age without adult supervision. As with all electric products, precautions should be observed during handling and use to reduce the risk of electric shock.

WARNING: When using electrical products, basic safety precautions should be followed including the following:

- Read this manual thoroughly before using this device.
- M.T.H. recommends that all users and persons supervising use examine the unit periodically for conditions that may result in the risk of fire, electric shock, or injury to persons, such as damage to the primary cord, plug blades, housing, output jacks or other parts. In the event such conditions exist, the unit should not be used until properly repaired.
- This unit is intended for indoor use only.
- Do not operate with damaged wires or clips.
- Do not use this unit for other than its intended purpose. This unit was designed to operate with any AC or DC output toy train transformer. See the transformer's operating instructions for more operating and safety information.

Components



Set Up

Wiring Instructions

Connect the red wire to the AC hot on your transformer, and the black wire to the ground on the transformer.
Operate between 12 and 18v.

Smoke Unit

Remove cap from roof marked "S" and add 15-20 drops of smoke fluid through the smokestack before running.
We recommend M.T.H. ProtoSmoke, Seuther or LGB fluids. Do not overfill the unit or the fluid may leak out and coat the interior components. Failure to add fluid to the unit may damage the smoke unit heating element and/or wicking material.
THIS ACCESSORY CANNOT RUN WITHOUT FLUID IN THE SMOKE UNIT.

Adding Water

Remove cap from roof marked "W" and pour 1/4 cup water into water fill area (clear plastic pool). Do not over fill.
(The factory can function without water - the pump will not burn up).
To drain water, pull the rubber drain plug located on bottom of factory.
(Please note that the figure must be elevated above the water pool. If not, gravity will force water through the hose).

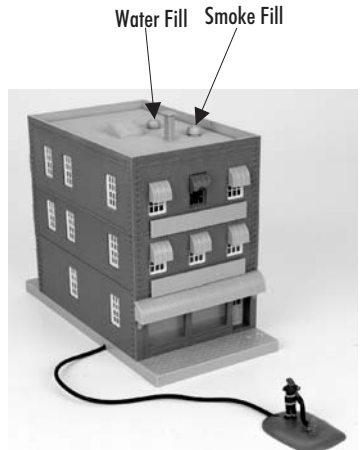
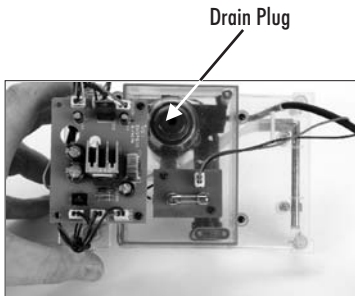
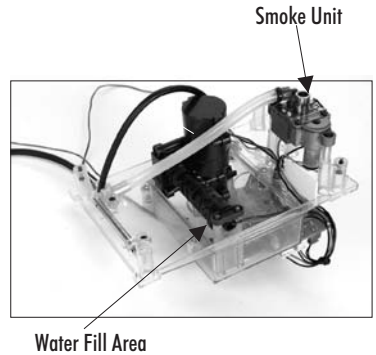
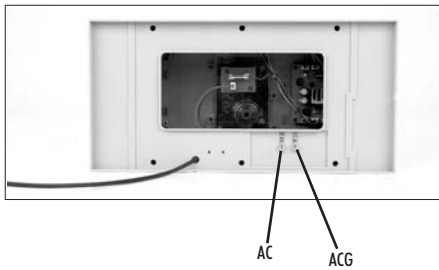
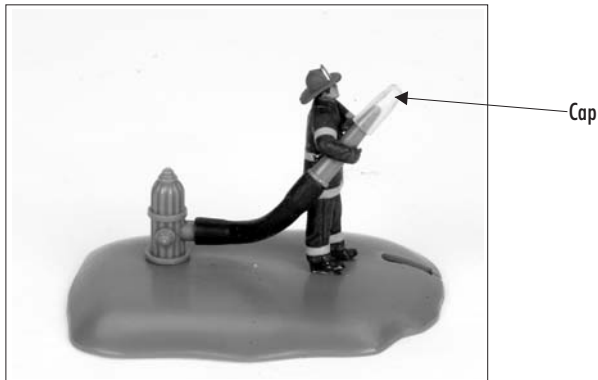
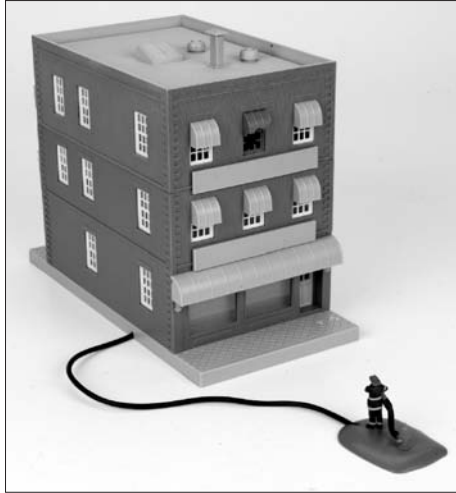


Figure Set Up

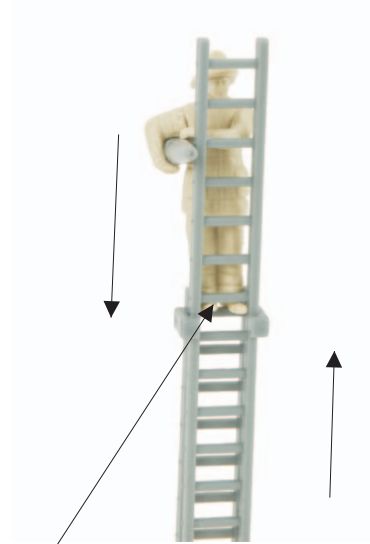
WARNING: This product shoots out water. If you wet any electrical components on your layout you could cause short-circuiting and serious injury could result. You must take the appropriate steps to waterproof the areas around this building.

1) For the figure on the platform, attach hose from building to bottom of platform. Position figure 4 1/2" - 5 1/2" from building and aim for the open window with fire damage. You may need to adjust the distance slightly once operation starts because the water pressure will vary with different transformers and voltages. You will need to use the hose cap to prevent water from leaking when not in use.



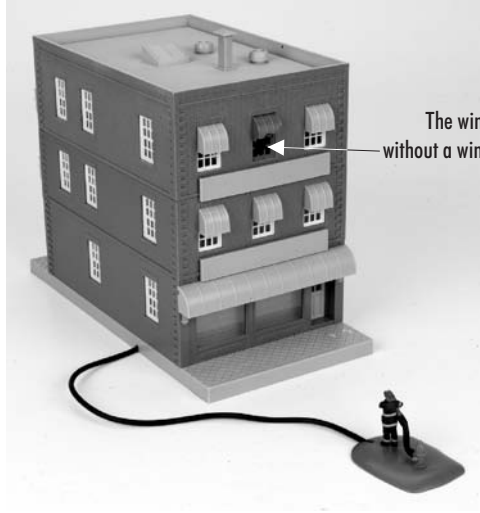
2) For the figure on the ladder, attach hose from building to figure and attach figure to ladder. If you do not wish to use glue, you can clamp the figure's feet down w/the ladder (see Figure 1). Position figure to shoot water inside the window without a window sheet (see Figure 2).

You will need to secure the ladder to your layout so the force of the water does not knock it over.



Feet clamped
between rungs

Figure 1



The window
without a window sheet

Figure 2

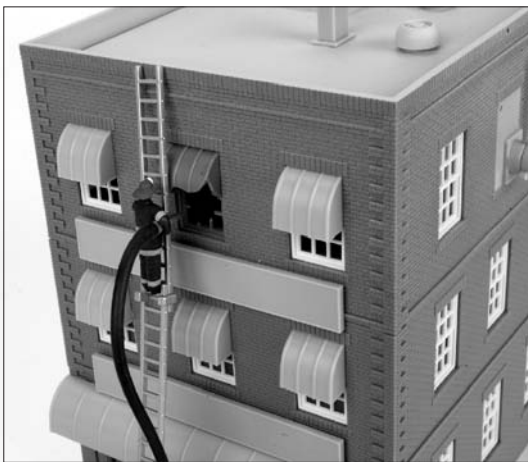
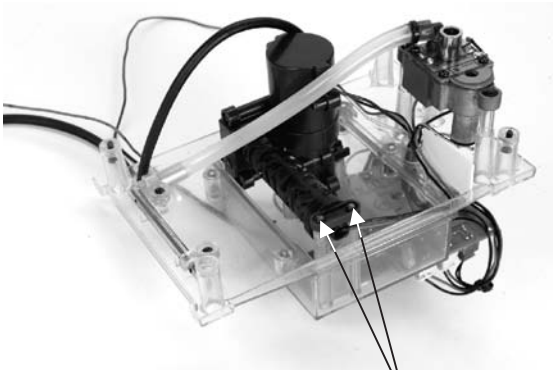
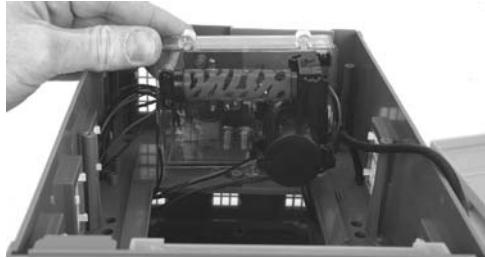
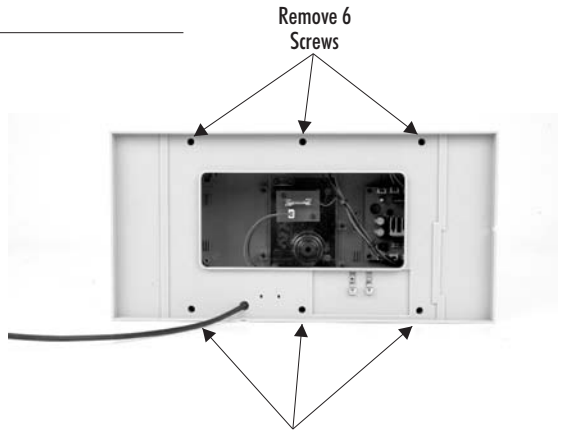


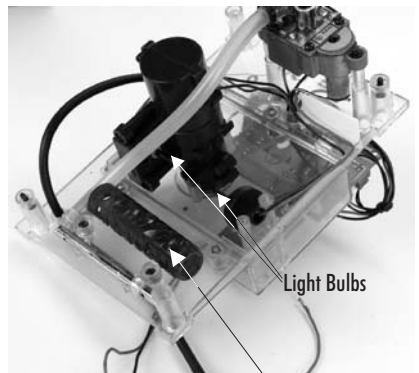
Figure 3

Light Removal

- 1) Remove 6 screws from base.
- 2) Remove 4 screws holding water fill and motor.
- 3) Remove two light housing mounting screws.
- 4) Remove red rotating light housing.
- 5) Pull out light bulbs.
- 6) Reassemble in reverse order.



Light Housing
Mounting Screws

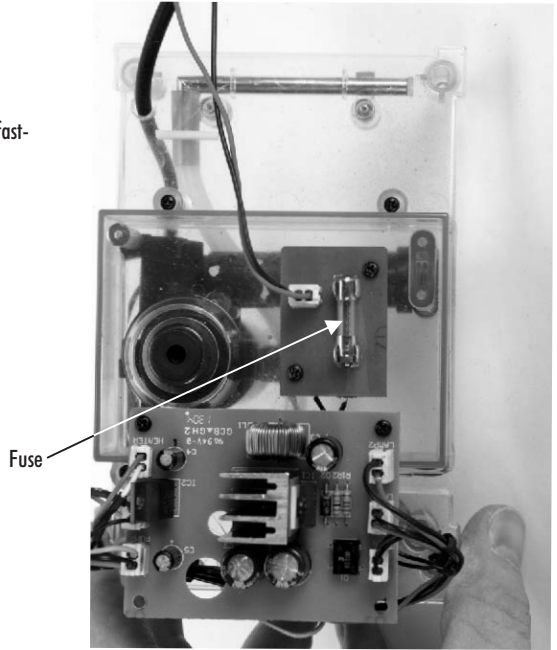


Light Bulbs

Light Housing

Fuse

In the event of a short circuit, the fuse will blow and need to be replaced. This product takes a standard, fast-acting 250V 2A Fuse. If you go to RadioShack®, we recommend part #270-1052.



Maintenance

Cleaning Rod:

The nozzle needs to be cleaned after a few hours of use because the smoke fluid will settle into the water. The sediments can clog the nozzle that the fire fighter is holding. To clean the nozzle you must take off the hose connected to the nozzle and push the pin through the nozzle starting at the small end. To help prevent the hose from clogging up change the water in the reservoir before each use.



End of nozzle that connects to the hose

Small End of nozzle where you insert the pin



Service & Warranty Information

How to Get Service Under the Terms of the Limited One-Year Warranty

When you suspect an item is defective, please check the operator's manual for standard operation and trouble-shooting techniques that may correct the problem. Additional information may be found on the M.T.H. Website. Should you still require service, follow the instructions below to obtain warranty service.

First, e-mail, write, call or fax a M.T.H. Authorized Service Center (ASC) in your area to obtain Repair Authorization. You can find the list of ASCs on the M.T.H. Website, www.mth-railking.com. Authorized Service Centers are required to make warranty repairs on items sold *only* from that store; all other repairs may-- or may not be done at the store's own discretion. If you did not purchase the item directly from the ASC, you will need to select a National Authorized Service Center (NASC). These centers are compensated by M.T.H. to perform warranty service for any customer whose repair qualifies for warranty service. A list of NASC retailers can be located on the M.T.H. Website or by calling 1-888-640-3700. Should the warranty no longer apply, you may choose either an ASC or NASC retailer to service your M.T.H. Product. A reasonable service fee will be charged.

CAUTION: Make sure the product is packed in its original factory packaging including its foam and plastic wrapping material to prevent damage to the merchandise. There is no need to return the entire set if only one of the components is in need of repair *unless otherwise instructed by the Service Center. **The shipment must be prepaid and we recommend that it be insured. A cover letter including your name, address, daytime phone number, e-mail address (if available), Return Authorization number (if required by the service center, a copy of your sales receipt and a full description of the problem must be included to facilitate the repairs. Please include the description regardless of whether you discussed the problem with a service technician when contacting the Service Center for your Return Authorization.***

Please make sure you have followed the instructions carefully before returning any merchandise for service. Authorized M.T.H. Service Centers are independently owned and operated and are not agents or representatives of M.T.H. Electric Trains. M.T.H. assumes no responsibility, financial or otherwise, for material left in their possession, or work done, by privately owned M.T.H. Authorized Service Centers.

If you need assistance at any time email MTH Service at service@mth-railking.com, or call 410 381-2580.

Limited One-Year Warranty

All M.T.H. products purchased from an Authorized M.T.H. Train Merchant are covered by this warranty.

See our website at www.mth-railking.com or call 1-888-640-3700 to identify an Authorized M.T.H. Train Merchant near you.

M.T.H. products are warrantied for one year from the date of purchase against defects in material or workmanship, excluding wear items such as light bulbs, pick-up rollers, batteries, smoke unit wicks, and traction tires. We will repair or replace (at our option) the defective part without charge for the parts or labor, if the item is returned to an M.T.H. Authorized Service Center (ASC) or M.T.H. National Authorized Service Center (NASC) within one year of the original date of purchase. This warranty does not cover damages caused by improper care, handling, or use. Transportation costs incurred by the customer are not covered under this warranty.

Items sent for repair must be accompanied by a return authorization number, a description of the problem, and a **copy of the original sales receipt from an Authorized M.T.H. Train Merchant**, which gives the date of purchase. If you are sending this product to an Authorized Service Center, contact that Center for their return authorization.

This warranty gives you specific legal rights, and you may have other rights that vary from state to state. Specific questions regarding the warranty may be forwarded to M.T.H. directly.

Service Department
M.T.H. Electric Trains
7020 Columbia Gateway Drive
.Columbia MD 21046-1532