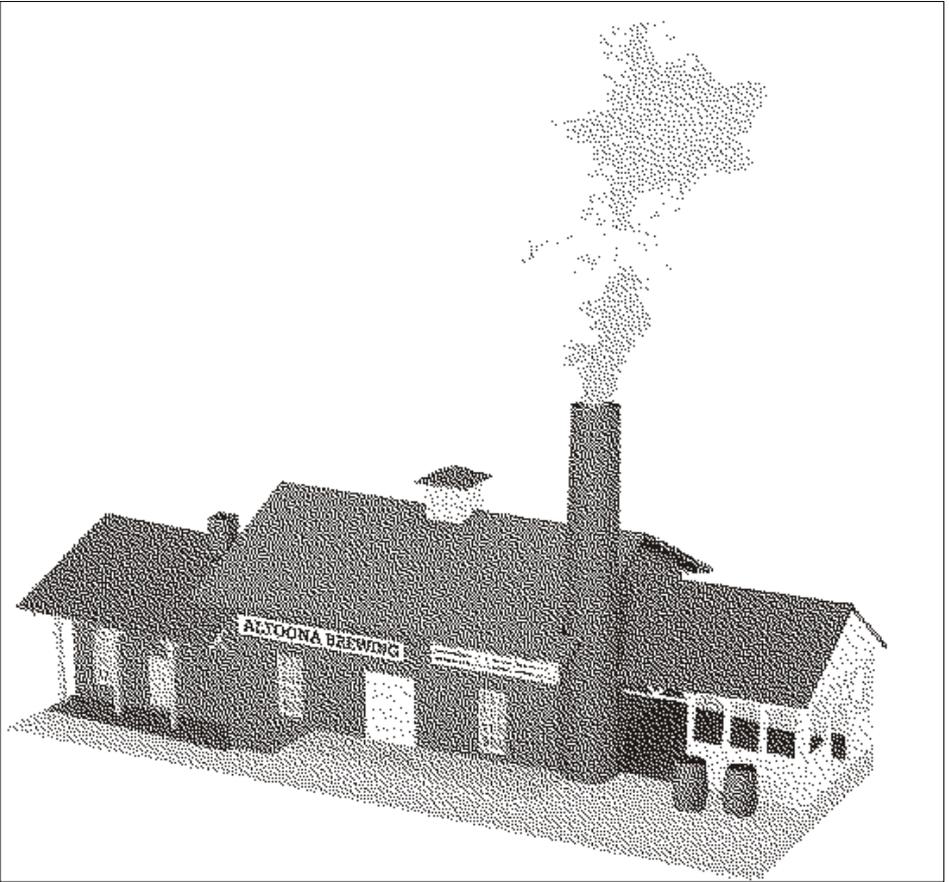


BREWERY WITH OPERATING SMOKE



7020 Columbia Gateway Drive
Columbia, MD 21046-1532

www.mth-railking.com

Priming the Smoke Unit

Priming the Smoke Unit: The smoke unit is essentially a small heating element and wick. The wick soaks up a mineral oil-based fluid, which is then “cooked” by the heating element to emit a harmless smoke. It is forced into the smoke stack by a small electric fan that runs at a constant speed. It is essential that you prime the smoke unit before operating. Failure to do so could result in a charred wick and damaged mechanisms.

1. To prime the unit, lift off the cupola, remove the plug, and add 15-20 drops of ProtoSmoke (included is a small pipette of ProtoSmoke fluid). We recommend M.T.H. ProtoSmoke, Seuthe 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.**



Lift cupola off.



Remove plug.



Add smoke fluid. Replace plug.

2. When storing the brewery for long periods of time, you should add at least 15 drops of fluid to prevent the wick from drying out. After removing it from storage, add another 25 drops of fluid, letting the wick soak for 15 minutes prior to operation.

Failure to keep enough oil on the wick while operating the brewery can cause the wick to become black, hard, and un-absorbent around the heating element.

Wiring

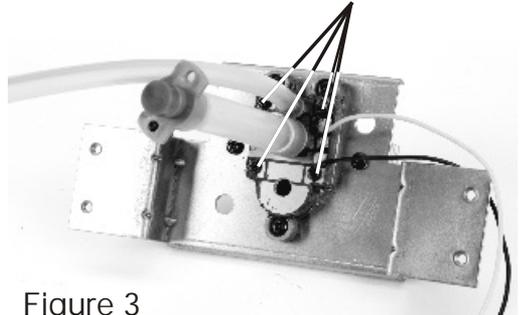
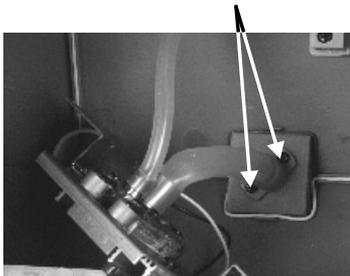
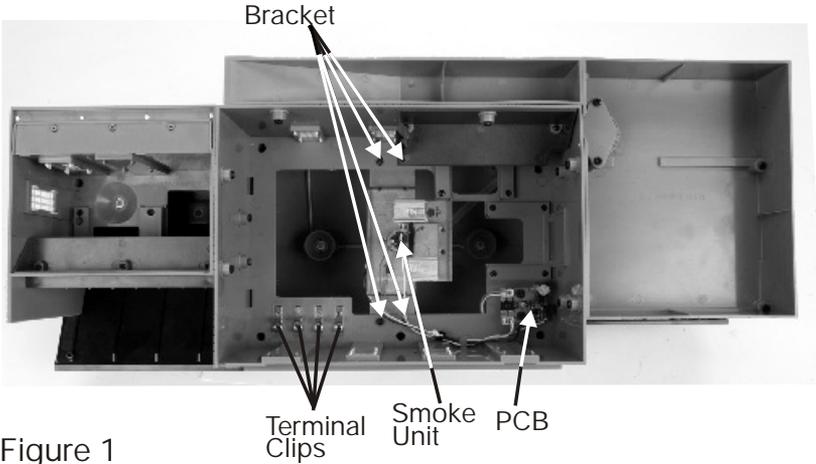
Four wires are included with this building (2 Red & 2 Black). Strip Z-wire cable harness insulation to reveal 1/4" of bare wire and follow the steps below. (See Figure 1 for Terminal Clip location).

- 1) Connect a Red wire from the transformer AC hot to the smoke unit terminal clip labeled AC.
- 2) Connect a Black wire from the transformer ground to the smoke unit terminal clip labeled ACG.
- 3) Connect a Red wire from the transformer AC hot to the Light terminal clip labeled AC.
- 4) Connect a Black wire from the transformer ground to the Light terminal clip labeled ACG.

The brewery operates on variable voltage so the more voltage you apply the more smoke will be generated. We recommend operating on 10-14v.

Inspecting the Smoke Unit

1. Remove 4 screws from bracket and lower the smoke unit (figure 1).
2. Remove the 2 screws to disconnect tube from the housing (figure 2).
3. Turn smoke unit over.
4. Remove the 4 screws from the top of the smoke unit to reveal the wick (figure 3).
5. Inspect the wick. If the wick is darkly discolored and hard, it should be replaced.



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 a Repair Authorization Number. 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 warranted 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.