

IMPORTANT NOTES:

Output control and Auto-Shutoff Feature

Pumping large amounts of fluid through the heater at a high output setting will create a large cloud very quickly, however this setting should not be used for a longer duration or to maintain a smokey atmosphere. It is natural for the heating core temperature to be reduced as the much cooler fluid passes through it. Smoke will become wet if optimum temperatures are not maintained, which is why the ST-10 Machine is equipped with an Auto-Shutoff feature. This feature shuts the machine down if the heater has cooled to a point where it can no longer effectively produce dry smoke.

For maximum efficiency, reduce the output, or use the timers to control the on/off cycle. Once the machine has created sufficient smoke to obscure vision, stop. Further use of the machine will only waste fluid, and increase the risk of residues.

The *optimum setting* for longer smoke durations will vary from machine to machine. We have placed a white dot to mark the spot which we feel is the best setting for your particular machine & remote. To find the best setting for a continuous blast of smoke, do the following... 1. Turn the output dial (3) to its lowest position. 2. Press the Continuous Smoking Button (B). 3. Turn the output dial very slowly to the right until you hear the pump in the machine begin to hum, or until you see a small stream of smoke produced. 4. Now slightly increase the output until there is a steady blast which travels approximately 5 feet from the front of the machine. 5. At this point the setting should be at about 12 O'clock or less on the output dial. The machine should run for 5 to 10 minutes, or longer. Which is plenty of time to fill most training facilities. Experiment with this setting until you find what works best for your needs.

CLEANING: To ensure trouble free life of your ST-10, run the unit with water for one minute after every use. You should also clean it by using a 4 to 1 mixture of water to white vinegar every 4 to 6 weeks (depending on frequency of use). Run this solution for about 1 minute, following the same instructions as with the smoke fluid. This will allow for a thorough steam cleaning. **IMPORTANT: Machine failures due to inadequate cleaning or use of incompatible fluid are not covered under warranty.**

FUSE: 120V / 13 Amps. Use nothing greater than 20 Amps, damage due to incorrect fuse type is not covered under warranty.

CAUTION: Keep people and flammable objects away from hot nozzle. Never leave machine unattended while plugged in. Never direct fog at an individual or object at close range, or for an extended time, as this may cause a hot liquid condensate which may damage furniture, musical instruments, fabrics or cause slippery floors. Fog as little as possible for the needed effect, then ventilate to avoid prolonged breathing. Vapor from fog fluid may be irritating to people with allergic sensitivities or other respiratory ailments.

The *Superior ST-10 Smoke Machine* is warranted for 1 year to be free of manufacturing defects adversely affecting performance. This does not cover abuse or misuse. Should a unit fail within the 1 year warranty period, it will be repaired or replaced provided in the opinion of the factory, the unit has been properly cared for, and not tampered with or abused. Units which have failed due to lack of cleaning, use of incompatible fluid, no fluid, incorrect fuse type, or improper packaging will be charged a service fee.

Recommendations and product information are believed to be accurate, but the furnishing of it does not constitute the making of a good process warranty of Seller. Superior Warrants that this product conforms to the Product Description contained in its literature. Superior makes no other warranty, whether expressed or implied, including warranties of merchantability or of fitness for a particular purpose or application. No statements or recommendations contained herein are to be construed as inducements to infringe any relevant patent, now or hereafter in existence. Superior neither assumes nor authorizes any representatives or other person to assume for it any obligation of liability other than such as expressly set forth herein. Under no circumstances shall Superior be liable for incidental, consequential or other damages from any alleged negligence, breach of warranty, strict liability or any other theory, arising out of the use or handling of this product.

Superior Smoke Machine

Model ST-10

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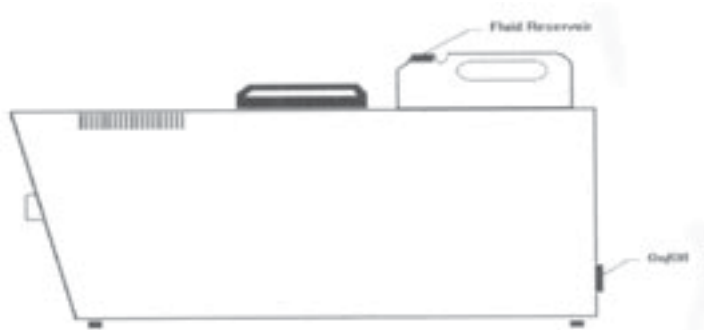
Congratulations on the purchase of your new ST-10 Smoke Machine. This unit offers the highest output and most features of any competitive machine in its class. It is the choice of professionals for obscuring vision during firefighter drills. The ST-10 is easy to operate, but please take a moment to read over these simple steps.

Operating Procedure

1. Fill the fluid reservoir with ST-10 fluid, and place the suction tube down to the bottom of the tank. Be sure the fluid hose is not kinked. This will restrict flow, and hinder performance.

IMPORTANT: Superior "ST-10" Smoke Fluid works best with this machine! Using anything other than a Glycol & Water based fluid may cause damage not covered under warranty. Also, always make sure there is enough fluid in the tank before turning the machine on. Activating the pump without fluid can cause damage to the pump and heat core! This will not be covered under warranty.

2. Plug the power cord into the wall outlet.
3. Plug the wired remote into the 5-pin jack located on the back panel of the ST-10. (DMX On Board Connectors with 3 pins are for other uses).
4. Turn the unit on with the power switch located on the back of the unit.



5. In approximately 10 minutes, the green LED on the control will illuminate, indicating the ST-10 is ready to smoke.

6. There are three buttons on the control.
 - a) The **green** button will produce smoke as soon as it is depressed and stop when it is released.
 - b) The **red** button when depressed, will remain on until pressed again. This will cause the machine to smoke continuously until it is released.
 - c) The **yellow** button activates the timers which function as follows.
 1. DURATION controls the duration of the smoke blast.
 2. INTERVAL controls the time in between smoke blasts.
 3. The OUTPUT adjustment controls the amount of smoke produced during blasts.

