



FLAME PROJECTOR/CARTRIDGE All Sizes & Colors

INSTRUCTIONS FOR USE

WARNING! Not for consumer use.

RES Specialty Pyrotechnics Inc. products are for professional use only by licensed operators familiar with the use of these products. User assumes all liability. User is responsible for use, storage and transportation in compliance with all local, state and federal laws. Misuse may result in injury and damage to property. Refer to our [Safety Guidelines](#) sheet for further information.

DISCLAIMER

RES Specialty Pyrotechnics Inc. makes no guarantee or warranty. Our products are sold under the condition that the user will evaluate them to determine suitability for their intended use.

Device Description:

A Flame Projector is a pre-loaded pyrotechnic device that produces a rising column of fire. These devices come with an electric match pre-installed in the device. Color and size are listed on the device label.

Always pay attention to the orientation arrow on each device label. This indicates the direction the effect will be projected.

Flame Projector effects need at minimum, an overhead clearance of 2 times the stated height of the effect. A Flame Projector with a height of 12 feet must have at least a 24 foot overhead clearance. See NFPA 1126 for additional safety guidelines.

CAUTION! Flame Projectors must only be fired in the upright position as indicated to function properly.

CAUTION! Flame Projectors have a high heat output that can cause burns or ignition without the effect actually coming into contact with people or props.

Always test fire Flame Projectors in a safe area, preferably outdoors, to become familiar with the performance of the device and to determine if the device can be used safely.

CAUTION! Do not disassemble or modify. Accidental ignition, fire or injury may result!

Always wear safety glasses when handling pyrotechnics!

Do not remove device from plastic bag until just before use. The desiccant in the sealed bag prevents moisture from degrading the product.

INSTRUCTIONS FOR USE

- 1) Disable firing system.
- 2) Place Flame Projector in secure holder paying attention to the orientation arrow on device label. **Do not over-tighten set screws as this may damage device and cause a malfunction.**
- 3) Position device so it can function safely. Check separation distances from people and flammable objects. Ensure operator can observe device where it is placed.

Testing the Device

- 1) Confirm firing system is disabled.
- 2) Connect electric match leads to firing system.
- 3) Ensure device is safe to test. People and property must be at a safe distance should an accidental ignition occur. Warn others in the area that a test is taking place.
- 4) Test circuit according to the firing system manufacturer's instructions.
- 5) Disable firing system after testing.

Firing the device

- 1) Confirm that device can be fired safely.
- 2) Confirm operator can observe device being fired.
- 3) Enable firing system.
- 4) Fire device according to firing system manufacturer's instructions.
- 5) Disable firing system after firing device.

Additional information and guidelines for the use of proximate pyrotechnics can be found in [NFPA 1126: Standard for the use of Pyrotechnics before a Proximate Audience](#).

RES Specialty Pyrotechnics, Inc. is available to answer any questions you may have concerning our products. Please call us Monday through Friday, 8AM until 4PM at 952-873-3113. You may also e-mail us at: info@respyro.com.