

## 7.5 INSTALLATION AND STORAGE TIPS FOR MINI TENT AND TRANSPORT CASE

### Step 1

Hold the left side and fold the right side inward in the direction shown



### Step 2

The upper and lower ends are folded in half and bent downwards



### Step 3

Fold up and down



### Step 4

Bend inward



### Step 5

Put in storage bag



### Step 6

Neatly folded



### Step 7

Finish



## OPEN THE EXTINGUISHER TRANSPORT CASE



### Step 1

Turn the case to face yourself



### Step 2

Loose the buckles on the left and right sides



### Step 3

Loose the front buckles



### Step 4

Open the upper lid of the case

## OPEN THE PULL-ROD OF THE EXTINGUISHER TRANSPORT CASE



### Step 1

Put the case vertically with the side with wheels facing down.



### Step 2

Squeeze the button to the right to set the height of the handle.



### Step 3

Pull up the handle, push down the handle until it is correct height for you.



### Step 4

Release the handle switch, roll the case away with the wheels.

## 8. BEST PRACTICES FOR TRAINING

### 8.1 RECOMMENDED TRAINING PROGRAM FLOW

#### 1. INTRODUCTION AND BRIEFING:

Introduce trainees to the HMP-E Simulated Fire Extinguishing system.  
Explain the equipment of the training session and safety precautions.

#### 2. DEMONSTRATION:

Instructors should demonstrate the correct the correct steps of the HMP-E Simulated Fire Extinguisher, including removing the safety pin, aiming at the base of the flames, squeezing the lever, and sweeping the nozzle side-to-side.



Large classroom-Around 200 people-2 devices



Small classroom-Around 50 people-1 device



Open space-Around 50 people-1 device

#### 3. HANDS-ON PRACTICE:

- Trainees practice using the HMP-E Simulated Fire Extinguisher while the trainer observes their technique.
- Scenarios are adjusted for difficulty and flame behavior to test trainees under different conditions.
- Use easier mode at the beginning, and increase difficulty as trainee's advance.

#### 4. DEBRIEFING AND FEEDBACK:

Provide immediate feedback on trainee performance.  
Discuss areas of improvement and reinforce correct techniques.

#### 5. SAFETY REINFORCEMENT:

Summarize key safety habits and best practices learned during the session.  
Highlight the importance of quick, effective actions during a real fire emergency.



## 8.2 TRAINEE FEEDBACK AND PERFORMANCE REVIEW TIPS

### 1. ENCOURAGE OPEN COMMUNICATION:

Ask trainees to share their experience and challenges faced during the session.  
Promote a supportive environment for constructive feedback.

### 2. FOCUS ON KEY METRICS:

Review accuracy in aiming at the base of the flame.  
Assess proper handling of the extinguisher and nozzle movement.  
Evaluate speed and effectiveness in extinguishing the flame.

### 3. USE OBSERVATIONAL NOTES:

Take notes on individual trainee performance to identify patterns or common errors.

### 4. OFFER PERSONALIZED FEEDBACK:

Highlight each trainee's strengths while addressing specific areas for improvement.

## Reinforcing Safety Habits

### 1. HIGHLIGHT THE IMPORTANCE OF PREVENTION:

Discuss fire prevention measures, including regular inspections of fire safety equipment.

### 2. PRACTICE CONSISTENCY:

Emphasize repeating proper techniques to develop muscle memory.

### 3. PROMOTE TEAMWORK:

Encourage trainees to communicate effectively and work as a team during fire emergencies (mode 4 and 5).

### 4. FOLLOW-UP ACTIVITIES:

Provide additional training opportunities or refresher courses to reinforce safety practices over time.



## 8.3 COMMON TRAINING ERRORS

### Common Errors In Training Sessions



The trainer doesn't stop the trainees who is too close to the HMP-E Simulated Flame Instrument.



When trainees approach the ideal extinguishing position 6-9ft (2-3m), trainers must signal them to stop walking.



The trainer's standing position is incorrect. The trainers should face the trainees while walking to maintain effective communication.



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If the trainee's team is too large, set up the barricades or prompts to ensure that trainees will follow the instructions.



The Simulated Fire Extinguishers were not checked one day in advance to see if they were fully charged, halfway through the on-site operation, the Simulated Fire Extinguisher couldn't be used normally.



## Common Errors Among Trainers



In the manual mode, the trainer should push the yellow button at the base of HMP-E Simulated Fire Extinguisher to reset it, so that the next trainee could use it.



The incorrect placement of the Simulated Fire Extinguisher led to the safety pin not being pulled out smoothly.



Pulling out the safety pin is more effortless and quicker, when the arm and handle of the Simulated Fire Extinguisher form an angle of approximately 90 degrees.

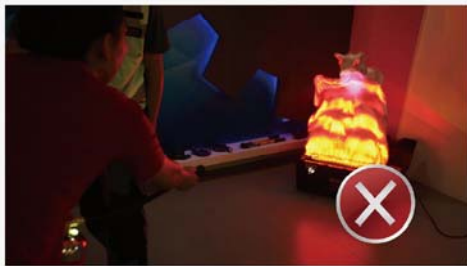


Squeezing the lever and handle together will result in the inability to pull out the safety pin.



One hand should hold the handle and use another hand to pull out the safety pin.





The trainee aimed the wrong position. The trainer didn't correct it in time.



The trainer should always remind the trainees to aim at the base of the simulated flame.



Hold the hose instead of the nozzle.



One hand should hold the area where the nozzle and hose meet.



Trainees should not point the nozzle toward their face or hold it like a microphone.



Trainees should always aim at the base of the simulated flame.



Repeatedly squeeze the lever and handle when extinguishing the simulated flame.



The lever and handle should be squeezed all the way down and held firmly until the simulated flame is extinguished.

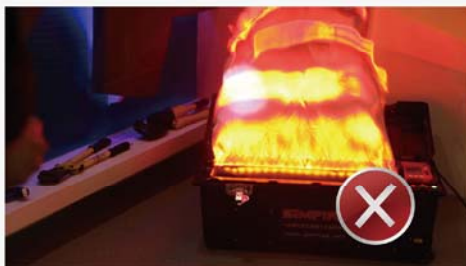




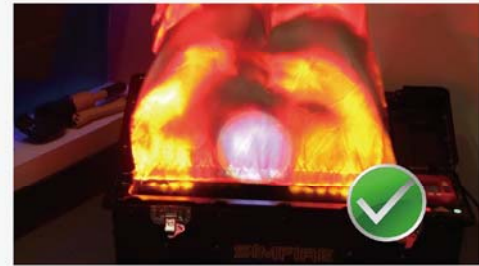
Activating the Simulated Fire Extinguisher too early.



The trainees should approach the ideal extinguishing position 6-9ft (2-3m) from the fire, and then activate the Simulated Fire Extinguisher



Trainees didn't aim at the base of the simulated flame.



Trainees should always aim at the base of the simulated flame.



Trainees didn't stay low.



Trainer should always remind trainees need to stay low to protect themselves from the smoke.



The movement of the light spot from the HMP-E Simulated Fire Extinguisher is too fast.



Trainer should always remind trainees to move the light spot from side to side with a steady speed.



## 9. TROUBLESHOOTING

### POOR FIRE EXTINGUISHING EFFECT

- The light spot of the extinguisher should be aimed at the base of the flame and moved at a steady speed. If the movement is too fast or the flame base is not targeted, the extinguishing effect will be affected.
- When used indoors, check for strong light directly hitting the Simulated Flame Instrument;
- when used outdoors, avoid direct sunlight. It is recommended to use an HM Protection folding tent.

### REMOTE CONTROLLER NOT WORKING

- If the distance between the remote controller and the main unit exceeds 13ft(4m), it will affect the remote controller performance.
- Check for any obstacles between the remote controller and the Simulated Flame Instrument, as obstacles can also affect the remote controller effectiveness.
- Check if there are any 433MHz frequency wireless devices nearby.
- Replace the remote controller battery.

### FAN NOT WORKING

If the fan suddenly stops working during operation, check the temperature display on the Simulated Flame Instrument. If the displayed temperature exceeds 185°F (85°C), it means the internal temperature of the device is too high, and the self-protection function has been activated. Turn off the device and wait for 30 minutes before turning it back on. If the issue persists after restarting, contact the distributor.

#### **If the device fails to start, check for the following issues:**

- Step 1** Power Connection: Ensure the power is firmly plugged in. If uncertain, unplug the device, wait 10 seconds, and then reconnect it
- Step 2** Fuse and Circuit Breaker: Check if the fuse has blown or if the circuit breaker has tripped. Replace the fuse or reset the breaker (To be performed by our company's professional maintenance personnel).
- Step 3** Socket Check: Test the socket using another appliance to determine if the socket is at fault.





# 10. MAINTENANCE

## CLEANING INSTRUCTIONS FOR EACH COMPONENT

### 1. Simulated Flame Instrument:

- Use a soft cloth and mild cleaning agent to wipe the surface.
- Avoid abrasive or corrosive cleaners that may damage the flame cloth or device.
- Ensure no liquids seep into the interior components to prevent electrical damage.

### 2. Simulated Fire Extinguisher:

- Clean the exterior with a damp cloth and ensure no residue is left on the nozzle.
- Avoid submerging the extinguisher or using harsh chemicals that may affect the device's performance.

### 3. Control Panel and Remote:

- Gently wipe with a microfiber cloth to remove dust and fingerprints.
- Avoid pressing buttons with excessive force during cleaning.

## STORAGE GUIDELINES

### 1. Short-Term Storage:

- Disconnect the power supply and store in a clean, dry environment.
- Place the device flat in its transport case to avoid tipping or damage.

### 2. Long-Term Storage:

- Remove the power cable and battery from the remote controller to prevent corrosion.
- Cover the equipment to protect it from dust and humidity.
- Store the transport case horizontally and avoid stacking more than three cases to prevent damage.

## PREVENTIVE MAINTENANCE SCHEDULE

### 1. Battery Checks:

- Inspect the remote controller battery (27A/12V) monthly. Replace if drained or corroded.

### 2. General Maintenance:

- Inspect the power cables and connectors for wear or damage. Replace immediately if any faults are detected.
- Clean all components after every training session to maintain performance and longevity.

## REPLACEMENT PARTS AND ORDERING INFORMATION

### 1. Parts Available:

- Flame cloth, remote controller, battery, transport case, and control panel components.

### 2. Ordering Process:

- Contact the manufacturer or local distributor with the device model and serial number.
- Specify the required parts and ensure compatibility with your system version.

### 3. Contact Information:

- Reach out to the customer support team via email or phone for replacement assistance.

## 11. FAQs

- 1. What should a trainer do to maintain enough space during a session?**  
Trainers should organize trainees to bypass any obstacles and ensure they have sufficient space to operate safely.
- 2. Why is it important to start the flame instrument before bringing trainees in?**  
Starting the flame instrument ensures the simulation is ready and allows the trainer to guide trainees in a realistic fire scenario.
- 3. What is the correct standing position for the trainer?**  
Trainers should face the trainees while walking to maintain effective communication and oversight during the session.
- 4. How can trainers ensure trainees stop at the optimal extinguishing distance?**  
When trainees approach the ideal extinguishing position 6-9ft (2-3m) from the fire, trainers must signal them to stop and begin extinguishing.
- 5. What should a trainer do if a trainee misses the flame base when aiming?**  
Trainers should immediately correct the trainee and remind them to aim at the base of the flame to extinguish it effectively.
- 6. Why is it necessary to reset the fire extinguisher in manual mode after each use?**  
Failing to reset the extinguisher can result in insufficient simulated power for the next trainee, disrupting the exercise.
- 7. What is the proper way to handle the extinguisher to remove the safety pin?**  
Hold the handle at a 90-degree angle to your arm, making it easier and quicker to pull the safety pin.
- 8. Why is it important to grip the nozzle instead of the soft hose?**  
Gripping the nozzle ensures better control and prevents improper aiming during fire extinguishing.
- 9. What should trainees avoid when handling the nozzle?**  
Trainees should not point the nozzle toward their face or hold it like a microphone; instead, they should aim downward toward the flame base.
- 10. How can trainers improve the efficiency and safety of training sessions?**  
By maintaining order, correcting trainee errors in real-time, and ensuring all equipment is reset and ready for use between trainees.

These FAQs aim to address common issues and provide clear guidance for successful training sessions.





## 12. WARRANTY AND SUPPORT

### WARRANTY COVERAGE

HMP warrants its products against manufacturing defects for the original purchaser (the individual or legal entity whose name appears on the invoice for the HMP-E Portable Simulated Fire Extinguishing Training System). This warranty is valid only if the purchase was made through HMP or an authorized HMP dealer and is subject to the conditions and limitations outlined below:

#### Coverage Period:

The warranty period begins on the ship date and continues for one full year.

Batteries are covered for ninety days from the ship date.

During the first year, HMP will repair or replace any defective parts caused by material or workmanship issues, provided the product has been operated under normal conditions and in accordance with the operating instructions.

After the first year, HMP is not responsible for the cost of replacement parts, installation, labor, or any other expenses related to the reinstallation of replacement parts.

#### Labor and Repair Guidelines:

Labor related to warranty repairs is provided free of charge during the warranty period.

Repair work requires prior approval from an authorized HMP company official and must be completed through an authorized HMP dealer. Labor costs covered by HMP are based on a predetermined rate schedule.

#### Exclusions (this warranty does not cover):

Damage caused by misuse, lack of maintenance, hostile environments, accidents, alterations, abuse, or neglect scratches, dents, damage to the panel, cracked or broken screens, or corrosion.

Damages caused by weather, prolonged exposure to dampness or condensation, or the use of damaging chemicals or cleaners.

Damages resulting from the use of components not supplied with the appliance.

Damages caused by the installation of parts from other manufacturers.

#### Nontransferability:

This warranty is nontransferable and cannot be extended by any HMP representative.

#### Customer Responsibility for Claims:

The original bill of sale or a copy, along with the product's serial and model numbers, is required when making a warranty claim.

HMP reserves the right to have its representative inspect the product or any part thereof before honoring a warranty claim.

#### Liability Limitations:

HMP's responsibility under this warranty is limited to the conditions outlined above.

The warranty does not extend to incidental, consequential, or indirect damages.

Transportation charges, labor charges, or duties are not covered under this warranty.

## 13. COMPLIANCE AND CERTIFICATIONS

Before using the HMP-E Portable Fire Extinguishing Training System, please study and refer to the following standards to ensure the training aligns with relevant requirements and improves its effectiveness:

1. NFPA 10, Standard for Portable Fire Extinguishers (2022).
2. NFPA 1035, Standard on Fire and Life Safety Educator, Public Information Officer, Youth Firesetter Intervention Specialist and Youth Firesetter Program Manager Professional Qualifications.
3. OSHA 29 CFR 1910.157, Portable Fire Extinguishers.



Assembly testing: \_\_\_\_\_

Software installation: \_\_\_\_\_

Functional testing: \_\_\_\_\_

Quality Inspector: \_\_\_\_\_

The HMP-E Portable Simulated Fire Extinguishing Training System had passed the FCC certification. The certification results show that our products may not cause harmful interference and will not be interfered by other devices.

The HMP-E Portable Simulated Fire Extinguishing Training System had passed the CE certification. The certification results show that our products comply with the requirements of health, safety and environmental protection regulations.

The HMP-E Portable Simulated Fire Extinguishing Training System had passed the UL test. The test results show that the safety and reliability of our products have been verified. Our products can be operated with confidence.





## 14. CONTACT INFORMATION

**HM PROTECTION INC.**

**Address: 10304 Eaton Place Suite 100**

**Fairfax, VA 22030**

**Contact information: 703 593 3738**

**service@hm-protection.com**

**www.hm-protection.com**

# NOTES





# NOTES



**HM PROTECTION**

*Practice Makes Perfect Safety*

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Manufactured in China

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## FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.