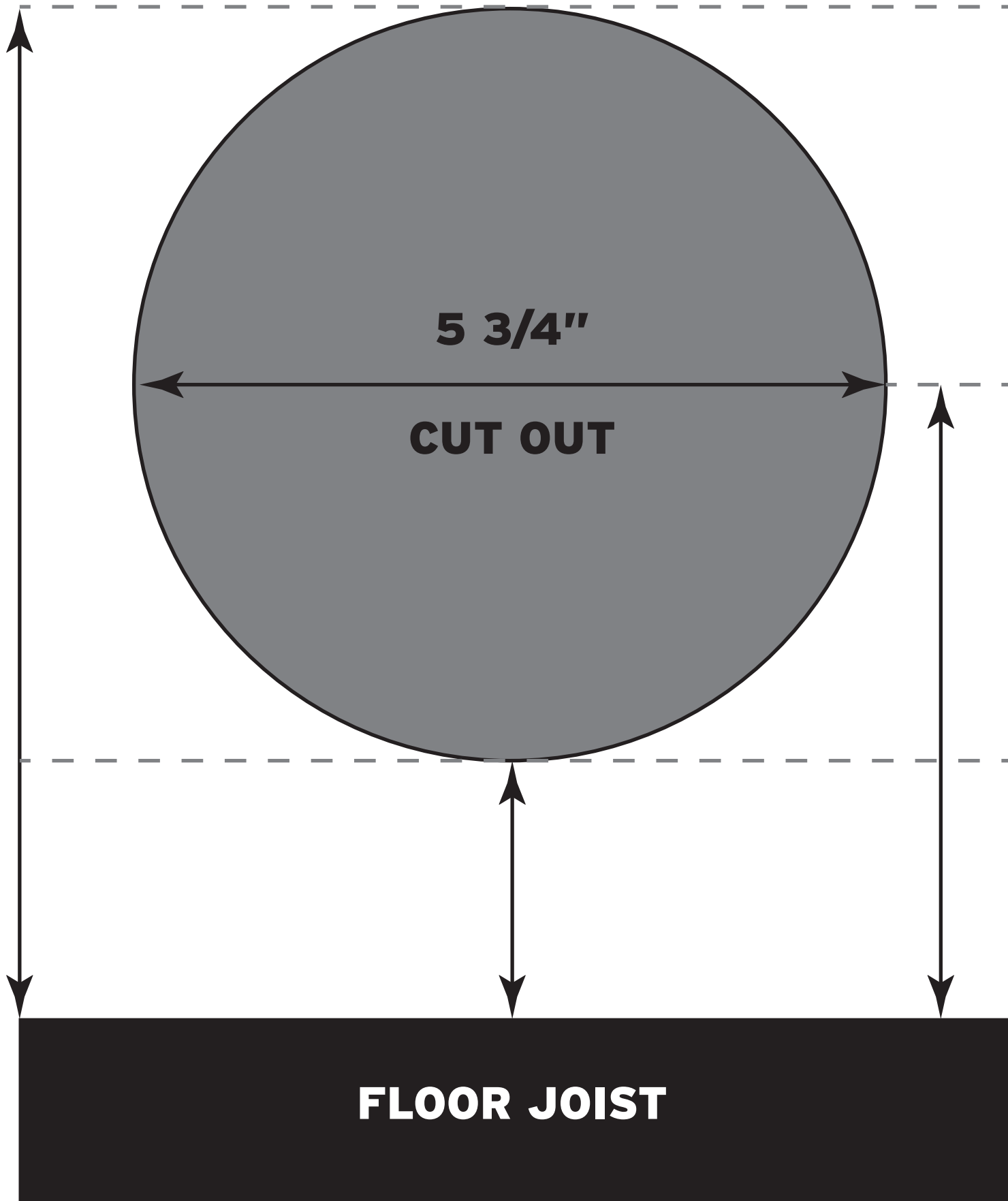


HAVEN™ TEMPLATE



HAVEN™

Fire Suppression Safety Device

HAVEN™ INSTALLATION MANUAL
Version 1.0

INTRODUCTION

Thank you for purchasing the HAVEN™ Fire Suppression Safety Device. You have made a wise choice to protect your family and home. The HAVEN™ is an important part of your family's home safety plan. You can trust this product to provide the highest quality safety protection. Please take a few minutes to thoroughly read this manual and save it for future reference.

Please visit our website at www.havenfiresafety.com/register to register your HAVEN™

Children should never play with the HAVEN™ unit.

PRECAUTIONS

The HAVEN™ is for indoor use only.

The HAVEN™ is designed to be used in "ordinary" temperature classifications (no closer than 60" from any wood or coal burning appliance and where ordinary ceiling temperatures do not exceed 120°F (49°C).

- ⊗ Do not install directly above or too close to wood stoves or any heat source. Accidental activation may occur.
- ⊗ Do not store the HAVEN™ in direct sunlight or in extreme heat. Accidental activation may occur.

The HAVEN™ is designed to be installed in finished buildings only.

WHERE TO INSTALL

The HAVEN™ can be installed on any flat drywall ceilings with the unit facing down from above. (Never in a wall cavity facing outward vertically)
The HAVEN™ is recommended for use in 8' high ceilings. The HAVEN™ is for 8" floor joist cavities. (or greater)
The location(s) to install your HAVEN™ unit(s) is an important consideration to ensure maximum protection.

It is recommended that the HAVEN™ units be installed in the path of egress (all paths leading out of the home). Typically this would be in hallways, over stairways, and at exit doors.

Since the majority of house fires start on the kitchen stove, it is also recommended to install a HAVEN™ about 5' (feet) in front of the stove.

Many houses utilize the area above an attached garage as a sleeping area. Since smoke detectors are not installed in the garage, it is recommended that a sufficient number of HAVEN™ units be installed in the garage to provide adequate coverage. Ask your HAVEN™ supplier for advice or contact Haven directly for instructions to determine the number of Haven units needed for your garage.

When installing HAVEN™ units in the garage, it is recommended to use mounting brackets. Cutting a hole in the ceiling of a

garage may puncture the air barrier above the ceiling, thus allowing carbon monoxide into the house.

The HAVEN™ can generally be installed anywhere you believe there may be a fire hazard including smoking areas, hobby rooms, recreation rooms, laundry rooms, electrical rooms or where you display your Christmas tree. Remember that the Haven unit does not freeze and will function even in below-freezing temperatures making the HAVEN™ ideal for seasonal or unheated (finished) buildings as well.

INSTALLATION

The HAVEN™ installs through a 5 3/4" inch hole in the ceiling. An installation video can be found on our website at: www.havenfiresafety.com

! ALWAYS WEAR PERSONAL PROTECTIVE EQUIPMENT TO PREVENT INJURY (EYE AND HEARING PROTECTION REQUIRED)

STEP 1:

Locate floor joist (using a stud finder).

STEP 2:

Use the template provided in this manual to determine the location of the hole.

STEP 3:

Using a 5 3/4" hole saw or drywall saw, carefully cut the hole. Only cut the drywall and avoid going too deep into the joist space to avoid possible wires or plumbing. To avoid debris, do not work directly below the hole.

STEP 4:

If debris is present, remove any debris from the hole.

STEP 5:

Peel and stick the small square foam pad (provided) to the lower portion of the tank where the tank would rest on top of the ceiling. The foam pad is used to shim the tank and relieve stress off the plastic housing.

STEP 6:

Adjust the two locks on the HAVEN™ and insert into the ceiling.

STEP 7:

Quarter-turn the locks to fasten the HAVEN™ to the ceiling.

STEP 8:

Place two cap screw covers (provided) in the lock holes to conceal the locks.

It is recommended that the HAVEN™ be installed by a licensed person.

OPERATION

The HAVEN™ is a self-contained suppression unit. Once installed, the unit is self-operating. The HAVEN™ operates when the temperature in the area reaches or exceeds 155°F (ordinary temperature). The HAVEN™ will activate, expelling a super-fine dry chemical fire suppressant into the area, thereby suppressing the fire and providing valuable additional time to allow people and pets to exit the area. The HAVEN™ is a one-time, one-discharge, fire suppression device. Once the HAVEN™ has discharged, it must be replaced.

The HAVEN™ has been proven to effectively suppress residential fires.

It is important to remember that the HAVEN™ is a fire suppression device, not a smoke alarm, and it is intended to be used in conjunction with your smoke alarm.

The HAVEN™ is not to be used to extend your exposure to the fire. With any fire, it is important to get out of the building as quickly as possible.

! GET OUT AND STAY OUT!

PERIODIC INSPECTIONS OF YOUR HAVEN™

The HAVEN™ is equipped with a self-testing feature ensuring the unit is ready to operate in time of need. Monthly and yearly inspections are recommended.

MONTHLY

First, look for the notification light visible on the ceiling plate of the HAVEN™ unit. If the light is on, this means your HAVEN™ has insufficient pressure in the fire suppression canister needed for protection. The HAVEN™ needs to be replaced with a new unit.

If the notification light is not on, press the "TEST" button. The notification light should turn on for a few seconds, indicating that the battery still has an adequate charge to monitor the pressure of the HAVEN™ fire suppression tank.

ANNUALLY

Replace the battery in the HAVEN™ unit. (remove the HAVEN™ from the ceiling, and replace the 9v battery)

Conduct the monthly inspection as described above.

Clean the face plate – lightly dust or vacuum any dust or dirt from the face plate. Check for any notable damage to unit.

GOOD FIRE SAFETY HABITS

- Make a floor plan indicating all doors and windows and at least two (2) escape routes from each room. Second story windows may need an escape ladder.
- Develop and regularly practice a plan of escape with your family.
- Determine a place outside your home where you all can meet if a fire occurs.
- Familiarize everyone with the sound of the smoke alarm and train them to leave your home when they hear it.
- Practice a fire drill at least every six months, including fire drills at night. Ensure that small children hear the alarm and wake when it sounds. Practice allows all occupants to test your plan before an emergency. If a fire happens, you may not be able to reach your children. It is important they know what to do.
- Fire extinguishers are still important tools, even with your home protected by HAVEN™. Install and maintain fire extinguishers on every level of the home and in the kitchen, basement and garage. Know how to use a fire extinguisher prior to an emergency.
- Recent studies have shown smoke alarms may not awaken all sleeping individuals. Be aware of this and be prepared to assist others who may not be awakened by the alarm sound, or to those who may be incapable of safely evacuating the area unassisted.

ABC DRY CHEMICAL PRECAUTIONS

HAVEN™ uses the popular ABC Dry Chemical as is used in the hand held fire extinguishers available at your local hardware store. The fire suppressant is considered to be safe. This is brief overview of some precautions should the HAVEN™ discharge.

The dry chemical is an odorless, light yellow, fine solid powder.

ADVERSE HEALTH EFFECTS AND SYMPTOMS CAN INCLUDE:

Irritation of the respiratory system, eyes and skin. Symptoms may include coughing and shortness of breath if the product is inhaled.

FIRST AID MEASURES



EYE EXPOSURE:

Irrigate eyes with water and repeat until pain free. Seek medical attention if irritation develops or if vision changes occur.

SKIN EXPOSURE:

In case of contact, wash with plenty of soap and water. Seek medical attention if irritation develops.

INHALATION:

If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if irritation persists.

INGESTION:

If victim is conscious and alert, give 2-3 glasses of water to drink and do not induce vomiting. Seek immediate medical attention. Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:

Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema, or bronchitis. Skin contact may aggravate existing skin disease. Chronic overexposure may cause pneumoconiosis ("dusty lung" disease).