



## OWNERS MANUAL: DISPOSABLE FIRE EXTINGUISHER WET CHEMICAL MODELS

Extinguishers should be selected and installed in accordance with the National Fire Protection Association's Standard for Portable Fire Extinguishers Pamphlet NFPA-10.  
([www.nfpa.org](http://www.nfpa.org))

### SELECTION

Symbols on the fire extinguisher nameplate help explain and indicate some of the acceptable types of situations, materials and fires that they can be used to address.

NFPA Fire Classification Symbols



### INSTALLATION & MOUNTING

Mount extinguisher in manufacturer's supplied hanger.

Select a protected area to mount fire extinguisher that is in plain view and readily accessible in the event of a fire.

Locate extinguisher within an area meeting the recommended operating temperature limitations specified on nameplate.

For extinguishers weighing less than 40 lbs., the recommended maximum height from top of the fire extinguisher to floor must be less than 5 feet. Allow a minimum 4 inch clearance from floor to help promote proper air circulation and avoid potential corrosion.

Ensure the fire extinguisher mounting hardware selected and used is of the type, quality and size to properly secure unit onto the surface. Mounting hardware should never be exposed where it can contact the cylinder surface and present any potential rubbing or wear issues.

Seek professional advice when addressing boat, vehicle or other mobile mounting applications. Proper USCG marine mounting bracket is listed on nameplate. Marine approvals are only valid when the designated marine bracket is utilized.

## **SUGGESTED GENERAL INSTALLATION GUIDELINES**

- **Walls where wood studs are located:** Use quality #10 x 1-3/4 inch or longer wood screws.
- **Sheet rock and dry wall:** Mount a 3/4 inch back board of a size extending 2 inches beyond the actual dimensions of the extinguisher as a back support. Use multiple 3/16" inch toggle bolts to properly secure the backboard support. The fire extinguisher hangar or bracket can then be mounted onto the back board using # 10 x 1 inch long wood screws.
- **Concrete block, cement and tile walls:** Mount using a 1/4 inch toggle or masonry screw expansion anchor of suitable length. Secure using multiple #10 expansion screws. On tile walls locate anchors within a joint if possible.
- **Steel post or beams:** Special tools and fasteners are required for proper mounting and should be performed by a professional fire extinguisher service company.

## **SUPPLIED HANGAR/BRACKET—MOUNTING INSTRUCTIONS**

### **A. Wall hangar**

1. Fasten hangar to wall with two screws (not included) as suggested in general installation guidelines.
2. Place the extinguisher into hangar.

**If your extinguisher has a hose and was shipped with a hose strap:** Slide the hose strap over the bottom of the cylinder and secure the nozzle end of the hose into the hose strap before placing your extinguisher in service.

## CAUTIONS & WARNINGS

- Never incinerate a fire extinguisher.
- Never attempt to modify or alter fire extinguisher.
- Never attempt to test an extinguisher by partially discharging it. This will cause loss of pressure, promote leakage and will prevent the fire extinguisher from operating properly.
- Never intentionally discharge a fire extinguisher directly into a person's face. The velocity of the discharged agent may cause injury.
- Never misuse or allow children to play with fire extinguishers.
- Fire extinguishers are pressurized mechanical devices that require periodic care and service to remain safe and operable. Always follow your companies' established safety guidelines.
- Under certain fire and heat conditions, liquid from the extinguishers will cause damage or is extremely difficult to remove from surfaces. Do not use self-cleaning features to remove extinguishing agents.
- The extinguisher does not meet the UL 711 standard but meets European standards. This extinguisher is extra and cannot be substituted for fire code required extinguisher placement in buildings.

## OPERATION AND USE

Read and familiarize yourself with the fire extinguisher nameplate operating instructions immediately after purchase. Additional instruction and training on the proper use of fire extinguishers is recommended and available from various sources.

## DETAILED USE INSTRUCTIONS



1. Activate 911 system/sound the alarm
2. Get everyone out, do not reenter and have a plan for safe retreat.
3. Pull and remove ring pin, breaking the inspection/tamper seal.
4. Transport fire extinguisher to safe upwind position from fire, for best visibility, and to avoid smoke and heat being produced.
5. Properly position yourself away from the fire, referencing the proper minimum starting distance specifically identified on the fire extinguisher nameplate or operating instructions. Never position yourself so that the fire blocks your escape route.
6. Remove hose from retainer band.
7. Hold and keep the fire extinguisher in a vertical/upright position and aim the discharge nozzle at the base of the fire.
8. Firmly squeeze the operating lever fully and with a side-to-side sweeping motion, to avoid splashing or spreading of fire, apply the extinguishing agent to the base of the flames.
9. Attempt to work the fire from the front edge to the back edge.

Avoid positioning any part of your body over or stepping into a fuel area during - firefighting or after extinguishment. Caution should be exercised after extinguishment, as some re situations may reflash.

## **AFTER USE**

After any use or discharge, ensure your fire extinguisher is promptly replaced. Even only a momentary discharge will cause leakage and the extinguisher to later not operate.

After fire hazard has cooled and been properly removed, the prompt clean- up of any extinguishing agent residue is recommended.

## **MONTHLY VISUAL INSPECTION**

Fire extinguisher inspections should be performed upon initial placement into service and at regular periodic intervals not to exceed 31 days or your companies established safety guidelines.

### **Visual inspection instructions:**

1. Ensure the fire extinguisher is visible and access is unobstructed.
2. Ensure the fire extinguisher is properly mounted and secure.

3. Ensure the front nameplate operating instructions face outward and are legible. Relocate extinguisher or clean nameplate as required. (Correct and resolve any discrepancies observed in steps 1, 2, and 3)
4. Ensure pull pin and/or original visual inspection tamper seal is installed and still intact. (Replace extinguisher if broken or missing)
5. Ensure pressure gauge needle reads within green operable area. (Replace extinguisher if discrepancy observed)
6. Ensure the discharge nozzle and/or hose assembly is unobstructed and securely attached. (Wipe obstruction clear or replace extinguisher)
7. Closely examine all external extinguisher components for any signs of damage, impact, wear, leakage or corrosion. (Replace extinguisher if any type of discrepancy is observed)
8. Heft or weigh fire extinguisher to ensure it is properly charged. Total charged extinguisher weight (gross weight) is indicated on the product label/nameplate. (Replace extinguisher if used or weight is outside tolerance)
9. Date and initial fire extinguisher inspection tag/record.

**NOTE:** Anytime an equipment related discrepancy described in steps 4 through 8 is observed during an inspection procedure, the fire extinguisher must be discarded and replaced.

**NOTE:** Annual maintenance requirements include verification of the fire extinguisher weight at least annually and that the year of manufacture stamped on the bottom of the cylinder is within the designated 10 year maximum shelf life.

Some local jurisdictions require special annual maintenance tags.

## **ANNUAL MAINTENANCE**

If you have purchased this fire extinguisher to comply with local fire code occupancy requirements, the local fire prevention authorities may require annual maintenance examinations that must be performed by properly trained and certified persons in accordance with the National Fire Protection Association (NFPA) and the manufacturer's recommendations. Contact your local fire department or Fire Marshal's office if you are unsure of these requirements.

## **RECHARGE INSTRUCTIONS**

Contact Fire Suppression Solutions at (262)-777-8700 or email [info@firess.us](mailto:info@firess.us) for refilling and recharging information.

## **ONE YEAR LIMITED WARRANTY TERMS**

For one (1) year from date of purchase, Fire Suppression Solutions will repair or replace this product with the original owner free of charge, if defective in material or workmanship. Date of purchase is determined by proof of original purchase or by date of sold sticker on cylinder. This warranty does not apply to normal wear of parts and damage resulting from accident, alteration, abuse or failure to follow instructions supplied. Fire Suppression Solutions, at its options, may refund the purchase price in lieu of replacement or repair.

\*One-year warranty applies only for the X16TRF+ model.