

To guarantee trouble-free operation of this TANK Fire Suppression System, CaptiveAire recommends following these maintenance guidelines.

Every Month (System Owner)

1. Verify the extinguishing system is in its proper location.
2. Inspect all system components, agent distribution pipe, and conduit runs for physical damage and/or displacement.
3. Inspect all nozzles caps are in place and intact. Check for possible obstructions to the discharge of the wet chemical.
4. Inspect each Cylinder and Valve Assembly. The indicator on the pressure gauge should be in the “green” range. The cylinder should not show evidence of corrosion or damage.
5. Verify that manual activation devices are unobstructed and in clear view and are labeled for intended use.
6. Verify all tamper seals are intact, and the system is in a ready condition.
7. Verify the inspection tag or certificate is in place and current.
8. Verify the hood, duct, and protected cooking appliances have not been replaced, modified, or relocated.

Every 6 Months (Factory Trained Distributor)

1. Place the control panel in test mode and ensure there are no supervision faults.
2. Verify that the system design and installation are adequate to protect the hazard area and conform to the instructions in the manual. Check the following:
 - All equipment requiring fire protection within the hazard area is protected. All nozzles are clean and equipped with caps, properly aimed, secured, located within the proper distance from the protected equipment.
 - There have been no unauthorized alterations to the protected area or equipment, or to the wet chemical system.
 - All cylinders are properly pressurized and cylinder mounting brackets are securely fastened to the hood.
 - Check hose connections with soapy water to check for leaks.
 - All piping joints and supports are securely fastened. Pipe lengths, sizes, fittings, and material are as specified.
 - All wiring is in compliance with local codes. All field wiring is free of ground fault or short-circuit conditions.
 - All system components and installation material are as specified in the manual.
3. Perform Start-up/Test Procedure outlined in the manual.
 - A complete inspection must be completed including a balloon/functionality test.

Every 2 Years

1. Replace batteries for the CORE Fire Protection System. The replacement battery part number is PS-1270-F2; two are required per CORE System. Replacement batteries may be obtained from CAS Service or at store.captiveaire.com. Refer to the replacement battery installation guide for more details.
2. Inspect the condition of all wires and plumbing. Plumbing should be free of corrosion and wire insulation must be in good condition.

Every 12 Years

1. Perform the 6-month Semi-Annual maintenance as normal.
2. Each agent cylinder tank must be replaced every 12 years. Refer to the manual for detailed instructions.
3. All actuation hoses must be hydrostatically tested (at 500 psi test pressure) or replaced every 12 years per NFPA 17A.

Decommissioning

If it should become necessary to disconnect the TANK Fire Suppression System from AC power for an extended period of time (more than 2 days), the batteries should be disconnected to prevent them from being damaged due to complete discharge.