

104400 FIRE PROTECTION SPECIALTIES

1. Provide proper class and rated fire extinguishers to match hazards. Verify extinguisher selection with the Office of Environmental Health and Safety prior to ordering. Units shall be U.L. Listed and FM approved and meet the latest version of NFPA 10.
2. Units may be surface mounted utilizing standard "J-type" hook or similar type of hook. Mobile-style clamp brackets are prohibited. Units shall be installed in accordance with the latest version of NFPA 10 and ADAAG.
3. Provide semi-recessed cabinets; cabinet should protrude at least two, but less than 4 inches from the wall face which allows for cabinet markings on sides of cabinet in red (or contrasting) letters. Flat glazing of Lexan or other clear vandal-resistant material shall be used. Pane size can be variant, based on occupancy, as follows:
 - a. Vertical or horizontal "sight window" (protected design, resident halls).
 - b. Full window (light duty areas: offices, academic buildings).
 - c. No window, full metal door (heavy exposure, sport areas, work rooms)
Break glass faced cabinets are prohibited.

Cabinet hardware shall be as follows:

- a. Flush Pull (Recessed) handle option, if available from manufacturer.
 - b. Roll-stop closure only – NO locking cam tabs, no keys.
 - c. Full door length piano hinge Cabinet finishes as follows:
 1. White painted steel as standard / with red "FIRE EXTINGUISHER" lettering vertically positioned on each side of cabinet.
 - d. Stainless or other material considered for architectural aesthetics and durability.
4. Provide appropriate signage where necessary or specified by the University.
 5. Provide one spare window or other plastic glazing unit with each cabinet.
 6. New fire extinguisher units shall be inspected and/or serviced by a certified (NAFED) extinguisher contractor prior to installation. An inspection tag, displaying the current year, shall be attached to the unit before installation.

7. Where required to protect manual fire alarm pull stations from false alarms, vandalism, dust, and weather; a rugged poly-carbonate cover shall be installed.
 - a. The device must comply with all ADA requirements and be tested/approved by Underwriter's Laboratories. Unit specified must meet the 5lb pull force requirement and the total depth from finish wall when mounted shall be less than 4".
 - b. Covers with an audible alarm module shall be used in applications such as residence halls, libraries, or areas where small children frequent the space. The cover will function such that it will emit a loud piercing noise when the cover is opened.
 - c. A weatherproof model providing NEMA 3R protection to the pull station shall be used in outdoor applications or in areas where excessive moisture is a concern.