

Model 5500 COLLECTANDRAIN

2.1 DRY-PIPE SYSTEM AUXILIARY DRAIN

- A. Auxiliary Drain and Condensation Collecting Assemblies for Dry Pipe and Preaction Sprinkler Systems shall be installed in order to provide for complete system drainage. Where the trapped capacity of an isolated section of system piping exceeds 5 gallons an auxiliary drain shall be provided. The auxiliary drain shall be installed in an accessible location and be capable of collecting and removing moisture from the system while minimizing the potential for excessive loss of air pressure and possible unplanned operation of the dry pipe valve. The Auxiliary Drains shall meet the following requirements:
1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the work include, but are not limited to, the following:
 - a. AGF Manufacturing Inc.; Model 5500 COLLECTANDRAIN™.
 - b. <Insert manufacturer's name>.
 2. Standards:
 - a. NFPA 13.
 - b. NFPA 25.
 3. Components:
 - a. Cabinet: A secure locking, red powder coated, insulated cabinet with required signage adhering to NFPA guidelines.
 - b. Heating Element: Temperature sensitive internal heating element to prevent excess condensation in the drum drip from freezing.
 - c. Float Switch: Activates an audible alarm and visual signal to notify when the auxiliary drain requires maintenance.
 - d. System Alarm Test Button: An integral TEST button allows for system testing.
 - e. Thermometer: Externally mounted for easy monitoring of temperature conditions inside the cabinet.
 - f. Drain Assembly:
 - 1) Two 1 inch by 2 inch (25 mm by 51 mm) Bell Reducers.
 - 2) 2 inch by 12 inch long (51 mm by 305 mm) Condensate Nipple.
 - 3) 1 inch (25 mm) Galvanized Square Head Plug.
 - 4) System supply Solenoid valve
 - 5) Programmable Logic Control for automatic draining.
 - 6) Mounting hardware.
 - 7) Each unit is fully assembled and ready to be attached to dry pipe systems using galvanized or black piping components.
 4. Product: Model 5500A. Cabinet with Galvanized Auxiliary Drain, Heater, and Automatic Drain.
 5. Product: Model 5500B. Cabinet with Black Steel Pipe Auxiliary Drain, Heater, and Automatic Drain.
 6. Product: Model 5680A. All-Weather Cover for Exposed Locations.