



Part Number	Description
CP 60704-2	½" (180°) Sidewall
CP 60704-3	½" (360°) Central
CP 60705-2	¾" (180°) Sidewall
CP 60705-3	¾" (360°) Central
CP 60706-2	1" (180°) Sidewall
CP 60706-3	1" (360°) Central
CP 60707-2	1 ¼" (180°) Sidewall
CP 60707-3	1 ¼" (360°) Central
CP 60708 -2	1 ½" (180°) Sidewall
CP 60708 -3	1 ½" (360°) Central
CP 60709 -2	2" (180°) Sidewall
CP 60709 -3	2" (360°) Central

Description

The function of the Discharge Nozzle, in a fire extinguishing system, is to distribute the Clean Agent in a uniform, pre-determined pattern and concentration. The nozzles are designed to complete the discharge of Clean Agent in 10 seconds or less when installed within the design limitations stated in the Installation Instruction Manual.

Discharge Nozzles are available in sizes of ½", ¾", 1", 1-1/4", 1-1/2" and 2". Each discharge nozzle comes in two configurations: 180 and 360 degree distribution patterns. Deflector plates are available as an option where sensitive ceiling tiles must be protected.

Discharge Nozzles are made of aluminum with female pipe threads. The orifice size of the discharge nozzle is determined by the hydraulic flow calculations. All nozzles are rated for a maximum hazard height of 16 ft. If hazards exceed 16 ft in height, a second tier of nozzles must be used.

Discharge Nozzle Selection – Sidewall 180°

Typically to be installed adjacent to the center of the one wall of one enclosure. It's discharge path will be across the enclosure. At no time shall the area coverage be exceeded.

Discharge Nozzle Selection – Central Type 360°

Typically to be installed at the center of the enclosure. It's discharge path will be across the enclosure. At no time shall the area coverage be exceeded.

Deflector Plate

The function of the Deflector Plate, in a fire extinguishing system, is to aid in the quick and effective distribution of Clean Agent, into any hazardous areas, without damage to ceiling tiles. The Deflector Plate directs the flow of the Clean Agent downward without severely limiting area coverage. When used properly, the deflector plates will effectively protect the ceiling tiles and help to prevent a loss of Clean Agent supply due to the displacement or destruction of ceiling tiles. Deflector Plates are available in sizes to fit all nozzles.

Installation

Please refer to Context Plus Installation, Maintenance & Service Technical Manual for Discharge Nozzles Area Coverage and Application Selections.