



Discharge Nozzles • 500 psi [34.5 bar]

designed for use with

3M™ Novec™ 1230 Fire Protection Fluid

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 of the Installation Instruction Manual.

Discharge Nozzles are available in sizes of 1/2" [13mm], 1" [25mm], 1 1/2" [40mm], 2" [50mm], and 2 1/2" [63.5mm]. Each discharge nozzle comes in two configurations: 180 and 360 degree distribution patterns. Discharge Nozzles are made of aluminum with female pipe threads. Discharge Nozzle orifice sizes are determined by hydraulic flow calculations. All nozzles are rated for a maximum hazard height of 16 feet. If hazards exceed 16 feet in height, a second tier of nozzles must be used.

Discharge Nozzle Selection – Sidewall 180°

Typically installed adjacent to the center of the wall in the enclosure. Its discharge path will be across the enclosure. At no time shall the area coverage be exceeded.

Discharge Nozzle Selection – Central Type 360°

Typically installed at the center of the ceiling in an enclosure. Its discharge path will be across the enclosure. At no time shall the area coverage be exceeded.

Installation

Refer to Firetrace Installation, Maintenance & Service Technical Manual for Discharge Nozzle Area Coverage and Application Selections.



Part Number	Description	Part Number	Description
FTF661002	1/2" [15mm] (180°) Sidewall	FTF661001	1/2" [15mm] (180°) Central
FTF662002	1" [25mm] (180°) Sidewall	FTF662001	1" [25mm] (180°) Central
FTF663002	1 1/2" [40mm] (180°) Sidewall	FTF663001	1 1/2" [40mm] (180°) Central
FTF664002	2" [50mm] (180°) Sidewall	FTF664001	2" [50mm] (180°) Central
FTF665002	2 1/2" [63.5mm] (180°) Sidewall	FTF665001	2 1/2" [63.5mm] (180°) Central

Firetrace International

8435 N. 90th Street #2 • Scottsdale, AZ 85258 USA • +1-480-607-1218 • +1-480-315-1316 (Fax) • www.firetrace.com

All specifications and information indicated above are subjected to change without prior notice.