

CAF DECK Integrated Fire Fighting DIFF Pop-up Nozzle



The Next Generation of Foam Fire Suppression

DIFF Pop-up Nozzle

ACAF's DIFF Pop-up nozzle is designed and crafted to deliver a blanket of compressed air foam specifically for helideck and aircraft hangar applications, but may also be utilized for other unique application, such as under vehicle protection.

CAF extinguishes the fire by establishing a blanket of foam on the flammable liquid surface. The blanket creates separation of oxygen and heat from the burning fuel, extinguishing the fire and preventing re-flash, thus minimizing the potential aircraft or vehicle losses.



Nozzle Construction

<u>Description</u>	<u>Material</u>
Body	Phosphor Bronze
Deflector Piston	Phosphor Bronze
Orifice	Phosphor Bronze
Gasket	Nylon
Guide Vane (1)	Phosphor Bronze
Guide Vane (2)	Phosphor Bronze
Spring	Stainless Steel, Type 303
Nut	Stainless Steel, Type 303

FEATURES & BENEFITS

- Utilizes Solberg Fluorine Free at 3% or ATC foam at 6% concentration (depending upon application) – FF is for use on Class B hydrocarbon fuel fires & ATC is a synthetic, alcohol-resistant foam concentrate used to effectively extinguish Class B hydrocarbon and polar solvent fuel fire
- Flush mounted to deck or floor with removable internal components for ease of repair or maintenance – requires standard 1-1/2" socket drive
- Nozzle provides full 360-degree coverage
- Rate of application, coverage diameter, and spray capacity are variable based on operating conditions and requirements



Patent Pending

Form No. KD4033 Rev 2