



# HELI DIFFs

# HELI DIFFs LLC

Fire Protection Systems

## HeliNozzle HDN-5.6

### HeliDIFFs LLC

Founded by a team with over 25 years of experience, with a commitment to engineering excellence and unrivaled customer service

### HeliNozzle Design

Designed for straightforward Installation and Maintenance the Nozzle and factory installed Flow Control provides needed protection at moderate pressures and high flow rates. Designed in compliance with:

NFPA 11

NFPA 88

UL 162

UL 199

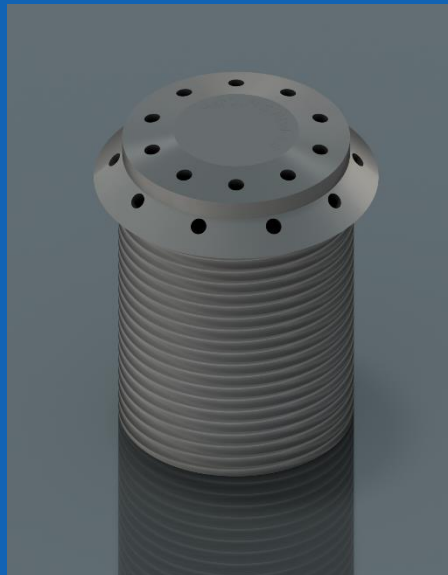
CAP437

ABS

DNV

### Testing and Inspection

- Function Testing
- Complete Material Certificate Package



Constructed of extremely corrosion resistant Stainless Steel 316, HeliNozzles operate in conjunction with the HeliSkid Foam deployment system, the HeliNozzle is designed to protect a large area efficiently with either a Foam-Water Mixture or Water alone. The HeliNozzles rapidly suppress fires making the helipad safe for emergency services to complete their rescue efforts.

### Designed Uses:

- Offshore Helicopter Deck
- Commercial or Hospital Helipad
- EV Charging Stations & Parking Area's
- Battery Energy Storage Systems (ESS)

- Designed for Large Area Protection
- Unique Design with Factory Installed Flow-Control Insert
- For use with ICAO Class B and Class C AFFF Foams, as well as options for Non-Fluorinated Class B Foam or Water Service Only
- Can be Delivered as a Complete System with HeliSkid Foam deployment system with an optional Seal by a Licensed Professional Engineer
- Protection Diameter: 23 FT / 7 Meters
- Flow Rate: 40-150 GPM / 150-560 LPM
- Design Pressure: 350 PSI / 24 bar
- Working Pressure: 60-150 PSI / 6..8-10 bar
- Standard K-Factors (GPM/ $\sqrt{PSI}$ )
  - 5.6
  - 8.0
  - 11.2
  - 14.0
- Standard Material: Stainless Steel 316
- Optional Material: Super Duplex or Titanium
- Protrudes only 1/2" above deck
- 8" x 2" Flanged Connection Pipe Standard
- Foam Concentration Options: 1%, 3%, or 6% in solution
- Optional for Water Service Only

HELI DIFFs LLC  
The HeliDifference