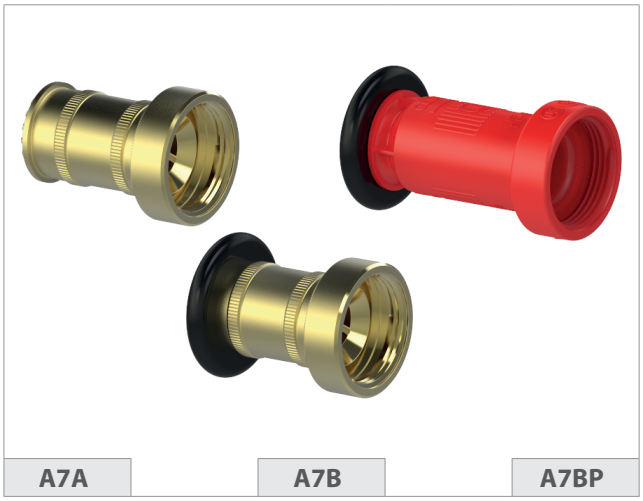
ADJUSTABLE FOG NOZZLES
A7A, A7B AND A7BP SERIES



A7A | A7B | A7BP

Description

A fog nozzle is a firefighting hose spray nozzle that breaks its stream into small droplets. Fog nozzles play an important part in firefighting tactics due to their versatility. By doing so, its stream achieves a greater surface area, and thus a greater rate of heat absorption, which, when compared to that of a smoothbore nozzle, speeds its transformation into the steam that smothers the fire by displacing its oxygen.

Versions and product codes

Series	Size	Type	Finishing
A7A	1 1/2"	Hose thread	Rough Brass Polished Brass Rough Chrome
A7B	1 1/2"	Hose thread	Rough Brass Rough Chrome
	2 1/2"		
A7BP	1 1/2"	Hose thread	Plastic

Technical data

• Rated pressure: 100 PSI (6,89 bar)

Materials: A7A

• Body: forged brass CuZn40Pb2 in accordance with European Standard EN 12165 CW617N, similar to American Standard ASTM B124 C37700
- Yield stress of the material in the shape of bar: 360 MPa
- Stress for permanent distortion R(0.2): 138 MPa
- Elongation: 10 %

Materials: A7B

• Body: forged brass CuZn40Pb2 in accordance with European Standard EN 12165 CW617N, similar to American Standard ASTM B124 C37700
- Yield stress of the material in the shape of bar: 360 MPa
- Stress for permanent distortion R(0.2): 138 MPa
- Elongation: 10 %

Materials: A7BP

• Body: polycarbonate

Approvals: A7A

1 1/2": FM APPROVED, UL LISTED 647X, ULC 647X

Approvals: A7B

1 1/2": FM APPROVED, UL LISTED 97X7, ULC 647X

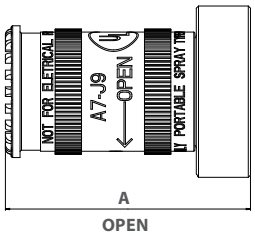
2 1/2": UL LISTED 647X, ULC 647X

Approvals: A7BP

1 1/2": FM APPROVED, UL LISTED 647X, ULC 647X

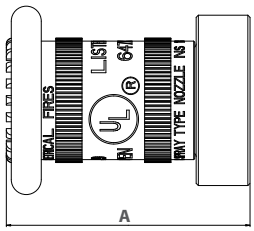
Dimensions

A7A – ADJUSTABLE FOG NOZZLE



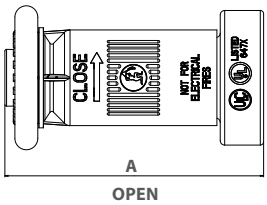
Size	A
1 1/2"	3 13/16"

A7B – ADJUSTABLE FOG NOZZLE WITH RUBBER BUMPER



Size	A
1 1/2"	3 13/16"
2 1/2"	5 9/16"

A7BP – PLASTIC ADJUSTABLE FOG NOZZLE WITH RUBBER BUMPER



Size	A
1 1/2"	4 37/64"

Product specifications

A7A 1 1/2"

Forged Brass Nozzle with adjustment from full fog to shut-off, with main feature as following:
- 1 1/2" hose thread
- Rated pressure 100 psi
- FM approved, UL & ULC listed

A7B 1 1/2"

Forged Brass Nozzle with adjustment from full fog to shut-off with rubber bumper, with main feature as following:
- 1 1/2" and 2 1/2" hose thread
- Rated pressure 100 psi
- FM approved, UL & ULC listed

A7B 2 1/2"

Forged Brass Nozzle with adjustment from full fog to shut-off with rubber bumper, with main feature as following:
- 1 1/2" and 2 1/2" hose thread
- Rated pressure 100 psi
- UL & ULC listed

A7BP 1 1/2"

Plastic Nozzle in ABS with adjustment from full fog to shut-off with rubber bumper, with main feature as following:
- 1 1/2" hose thread
- Rated pressure 100 psi
- FM approved, UL & ULC listed

Additional information
For additional information please check the website www.giacomini.com or contact the technical service: ☏ +39 0322 923372 🖷 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com
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Giacomini S.p.A. Via per Alzo, 39 - 28017 San Maurizio d'Opaglio (NO) Italy

Model A7

File Number: EX3252

COMPANY

GIACOMINI SPA

VIA PER ALZO 39

S MAURIZIO D'OPAGLIO, NO 28017 Italy

MODEL INFO

A7

Basic spray nozzle

BASIC SPRAY NOZZLES

Fire Type	Size, in.	Max Inlet Pressure, psig (kPa)	Rated Operating Pressure, psig (kPa)	Rated Flow at Rated Operating Pressure, gpm (L/min)	Flow in Wide Open Position at 100 psig, gpm (L/min)	Inlet Thread Configurations
Class A and B	1-1/2	200 (1379)	100 (689)	110 (416)	110 (416)	NH, NPSH, NYFD
Class A and B	2-1/2	175 (1207)	100 (689)	273 (1033)	273 (1033)	NH, CSA

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Approvals

Other Fire Protection Products | Firefighting Nozzles for Fire Hose | Firefighting Nozzles, Firefighting Nozzles for use with Fire Hoses

Model Nos. A7, A7P (Polycarbonate)

Product Description

Product Specification

Model No	Inlet Connection	Rated Flow		Discharge Angle
		gpm	(Lpm)	
A7	1 1/2" (38mm)	38.9 stream, 71.1 spray max	(145, 270)	90° (max)
A7P (Polycarbonate)	1 1/2" (38mm)	37.5 stream, 84.5 spray max	(142, 320)	90° (max)

Details

Category	Firefighting Nozzles, Firefighting Nozzles for use with Fire Hoses
Class of Work	5511 - Water Spray Nozzles, FHose
Approval Standard	FM 5511 - Firefighting Nozzles for Use with Hose, Monitor Assemblies and other Firefighting Equipment
Certification Type	FM Approved
Listing Country	Italy

Company

- **Giacomini SpA**
- Via per Alzo 39, 28017 San Maurizio d'Opaglio (NO) Italy
- **http://giacomini.com**