



Self-Protection Nozzle



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The self-protection nozzle was specially designed to provide safety and protection to people and assets threatened by fire in entrapment situations. It provides protection against direct contact, radiant heat, and convective heat through a water spray with foam additive that can exceed 6 meters (20 ft) in height and 10 meters (33 ft) in width.

TECHNICAL SPECIFICATIONS

NOZZLE BODY MATERIAL	Manufactured in duro-aluminum, sulfuric anodized.
SHIELD MATERIAL	Manufactured in stainless steel.
TANK ASSEMBLY MATERIAL	Manufactured in aluminum.
TANK CAPACITY	9 liters.
TANK HANDLE TYPE	Technopolymer.
TANK FILLER CAP	Technopolymer with particle filter and overpressure valve.
WEIGHT <ul style="list-style-type: none">• TANK EMPTY:• TANK FULL (9 L):	<ul style="list-style-type: none">• 7 Kg• 16 Kg
DIMENSIONS	(L) 400 mm x (H) 320 mm x (A) 200 mm

TECHNICAL FEATURES

Material of lance body	Manufactured in hard-anodized duralumin.
Material of projection shield	Manufactured in stainless steel.
Material of tank assembly	Manufactured in aluminum.
Tank capacity	9 liters.
Tank filler cap	Technopolymer with particle filter and overpressure valve.
Weight <ul style="list-style-type: none">• Tank empty:• Tank filled (9 L):	7 kg 16 kg
Dimensions	(L) 400 mm x (H) 320 mm x (W) 200 mm
Connection system integrated into lance body	Racor Barcelona UNE-23400 DN25 with 360° knurled rotation.
Reference pressure (RP)	6 bar
Nominal pressure (NP)	16 bar
Burst pressure (BP)	+40 bar
Recommended operating pressure range	30 bar at high pressure and 12 bar at low pressure, delivering 300 l/min.
Geolocation system (Optional)	Mobile geolocation system protected with fire-resistant cover.

PUMP TRUCK PRESSURE	LITERS PER MINUTE	BAR
5	165	5
10	204	10
15	238	15
20	265	20
25	287	25
30	307	30
35	329	35
40	353	40
45	365	45
50	380	50

