

Defense & Law Enforcement & Security & Safety Equipment & Supplies UNSPSC: 46

Fire protection- UNSPSC :4619

Fire fighting equipment - UNSPSC :461916

Light Portable Fire Monitor (Fire sprinkler systems)- UNSPSC : 46191602

S No	Parameters	Value 1	Value 2	Value 3	Value 4	Value 5	Value 6	Validation	Unit
GENERIC									
1	Light Portable Fire Monitor	Water cum Foam Monitor device, Light Weight designed to throw high volume of water or Foam mixture in form of Jet, Fog & curtain to defuse Fire						M	
2	Specification	in compliance to EN	UL Certified as per NFPA		UL Listed as per UL 162		FM certified	G	
3	OEM model Number as certified / Listed							TBD	
4	Media Type	Water			Water and Foam			F	
5	Nozzle	With water/foam barrel with aspirating type Jet and Fog Pattern			With non-aspirating type Jet and Fog Pattern Nozzle		with Hollow jet Nozzle	G	
6	Variable Flow Rate Discharge Capacity AT 7 KG/CM2 (G) (± 5%)	200	250	500	750	1000	250-500-750	G	GPM
7	Nozzle Type	fixed flow Nozzle			variable flow Nozzle			F	
8	Discharge size	32	38	50	63			G	mm
9	Inlet Size	63	75	100				F	mm
Constructional									
1	Carrying Handle of Monitor	yes						M	
2	Shut off Valve	with			without			F	
3	Constructional Material for Monitor	Aluminium Alloy, Hard Anodized						M	
4	Monitors having foldable Legs	Yes			No			F	
5	Locking Pins for fold away Legs with carbide tip & anchoring rings with straps	Yes			No			F	
6	Movement Horizontal							M	degree
7	Movement Vertical							M	degree

8	Folded Dimension L x W X H		TBD	mmxmm xmm
9	Anti Corrosive Coating	Yes	M	
10	Inlet Flange	Yes	F	
11	Weight of Monitor without Diffuser		TBD	KG
Performance				
1	Discharge capacity for water at 7 kg/cm ² (± 5%)		TBD	GPM
2	Discharge capacity for water and Foam mixture at 7 kg/cm ² (± 5%)		TBD	GPM
3	Monitor Elevation angle Horizontal		TBD	
4	Monitor Elevation angle Vertical			
5	Horizontal Throw Rate for Water (minimum)		TBD	meter
6	Horizontal Throw Rate for Foam (minimum)		TBD	meter
7	Hydraulic test duration for Flow test and Throw test At 21 kg/cm ²	minimum 5 Minutes	M	minutes
8	Hydraulic test duration (For Monitor Body without Nozzle) At 23 kg/cm ²	minimum 5 minutes	M	Minutes
9	Marking on Monitor	a) Manufacturer's name and his trade-mark, b) Year of manufacture, c) Discharge capacity in GPM.	M	
10	Painting	Painted with fire red or post office red colour	M	
11	Anti-Corrosive Treatment	All steel components subject to direct water contact shall be hot dip galvanized after fabrication to a minimum thickness of 0.03 mm. The aluminium parts subject to direct water contact shall be hard anodized to a minimum thickness of 0.015 mm.	M	

Certification

1	Availability of Type Test Report to prove conformity of declared parameters from NABL accredited / ILAC/Central Govt Lab	Yes			M	
2	Test Report Number				M	
3	Test Report Date				M	
4	Name of the Lab where test Conducted				M	
5	Certification of Product	CE certified	FM certified	UL certified	F	
6	Certification number				TBD	
7	Listing of product	CE	FM	UL	F	
8	Test Reports to be furnished to the buyer on demand	Yes			M	
9	Warranty Period	2	5		G	year