

WATER MIST BASED PORTABLE EXTINGUISHERS

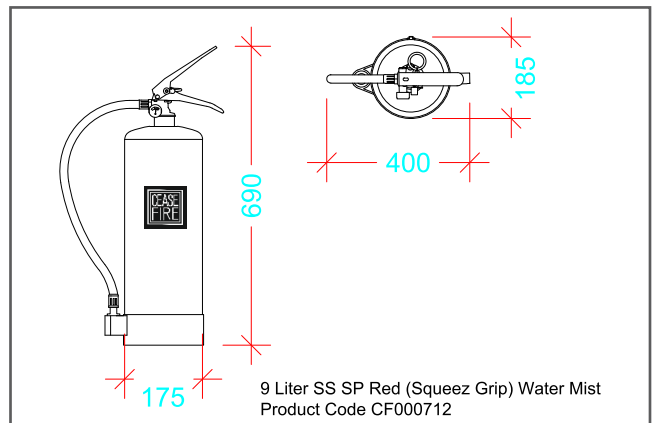
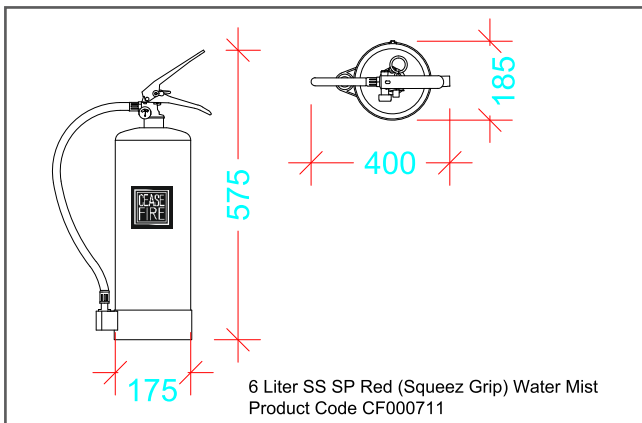
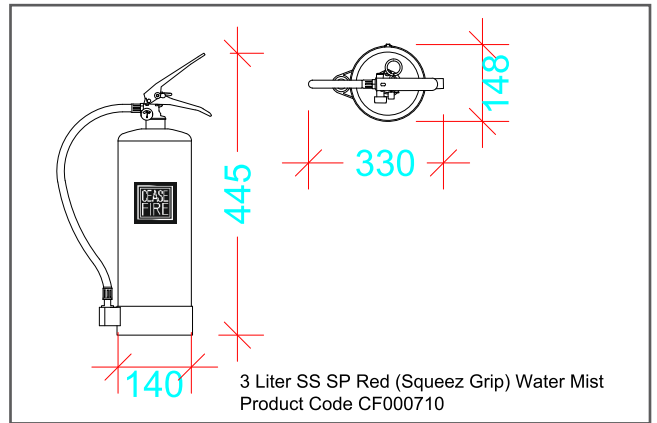
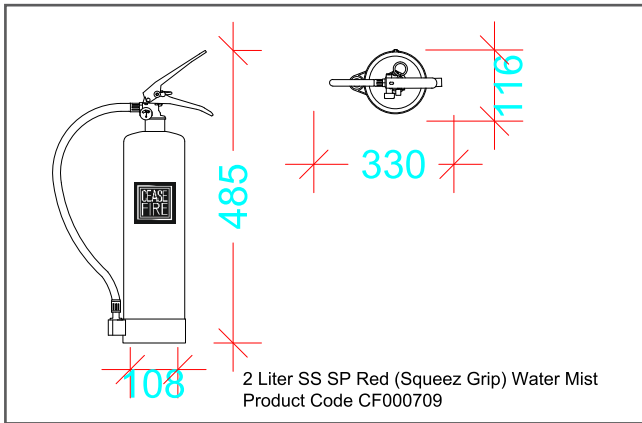
PRODUCT OVERVIEW

The revolutionary new Watermist Extinguishers are designed to combat Class A, F, and electrically started fires. Specially designed rotors in the extinguisher mixes water and air in a pre-set proportion to generate a fine mist of 40–60-micron molecules. These tiny droplets have a surface area coverage many times higher than water. The mist is then propelled through a specially designed nozzle, giving it a large throw.

On coming into contact with the flames, it turns into steam and envelops the flames. The water cools the fire below combustion levels and cuts off the oxygen supply. Without oxygen or heat, the fire dies out in seconds. This isn't water in its natural state, the dangers of electrocution and flooding are eliminated. This means the powerful, reliable, and efficient extinguisher can be used on most kinds of fires, including electrically started fires.



ENGINEERING DRAWINGS





TECHNICAL SPECIFICATIONS

Product Code	UOM	CF-000709	CF-000710	CF-000711	CF-000712
Description	—	Fire Ext Water Mist 2L SS SP Red	Fire Ext Water Mist 3L SS SP Red	Fire Ext Water Mist 6L SS SP Red	Fire Ext Water Mist 9L SS SP Red
Capacity of Agent	L	2-5%	3-5%	6-5%	9-5%
Certification	—	PED EN3	PED EN3	PED EN3	PED EN3
Diameter of Shell	MM	108	140	175	175
Total Height (approx.)	MM	485	445	575	690
MOC of Shell	—	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)
Mini. Wall Thickness	MM	1.5	1.5	1.39	1.49
Test Pressure	BAR	35	35	35	35
Anti-Corrosive Treatment	—	Outer surfaces were EP Powder coated having Thickness 50 Micron Min. RAL Shade 3000	Outer surfaces were EP Powder coated having Thickness 50 Micron Min. RAL Shade 3000	Outer surfaces were EP Powder coated having Thickness 50 Micron Min. RAL Shade 3000	Outer surfaces were EP Powder coated having Thickness 50 Micron Min. RAL Shade 3000
Service Pressure	BAR	15	15	15	15
Type of Operating Mechanism	—	Squeeze Grip with NRV and Burst Disc.	Squeeze Grip with NRV and Burst Disc.	Squeeze Grip with NRV and Burst Disc.	Squeeze Grip with NRV and Burst Disc.
Type of Pressure Gauge	—	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type

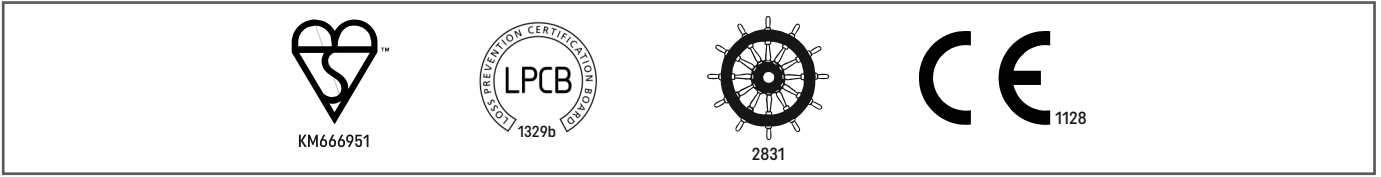


Product Code	UOM	CF-000709	CF-000710	CF-000711	CF-000712
Type of Dis. Fitting & Length	MM	EPDM Rubber Braided Hose Pipe with nozzle Length of Hose 300 mm (Min.)	EPDM Rubber Braided Hose Pipe with nozzle Length of Hose 300 mm (Min.)	EPDM Rubber Braided Hose Pipe with nozzle Length of Hose 500 mm (Min.)	EPDM Rubber Braided Hose Pipe with nozzle Length of Hose 600 mm (Min.)
Throw	METER	3	3	3	3
Min. Discharge Time	SEC.	6	9	9	9
Fire Rating	—	5A 25F	8A 25F	13A 75F	21A 75F
Operating Temperature Range	°C	From +5°C to +60°C	From +5°C to +60°C	From +5°C to +60°C	From +5°C to +60°C
Applicable to Type of Fire	—	A, F & Electrical Started Fire	A, F & Electrical Started Fire	A, F & Electrical Started Fire	A, F & Electrical Started Fire
Filled Weight Range*	KG	Approx. 4.50	Approx 5.90	Approx 10.60	Approx 14.60
Packed Weight Range (approx)**	KG	4.95	6.35	11.2	15
Packed Size Length x Width x Height	MM	125 x 125 x 520	160 x 160 x 470	190 x 195 x 610	190 x 195 x 735
Product Warranty	YEAR	5	5	5	5

*It includes Empty Extinguisher, Contents, Plastic Base, Hose / Horn and bracket.

**It includes Empty Extinguisher, Packaging, Contents, Plastic Base, Hose / Horn and bracket.

CERTIFICATIONS



PRODUCT PICTURES



2L

3L

6L

9L

QUAD WHEELED WATERMIST-FOAMMIST BASED SYSTEMS

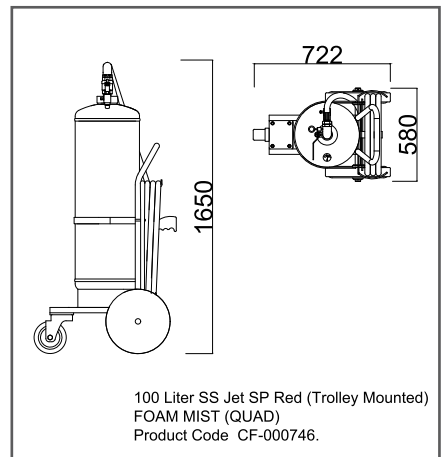
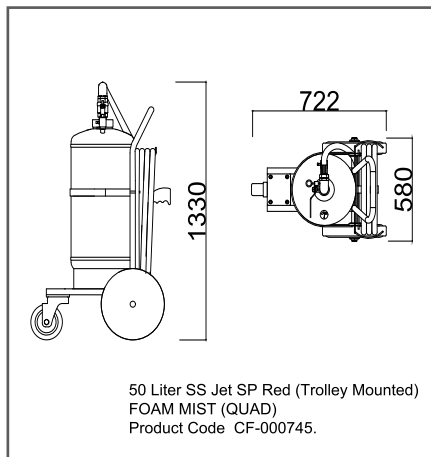
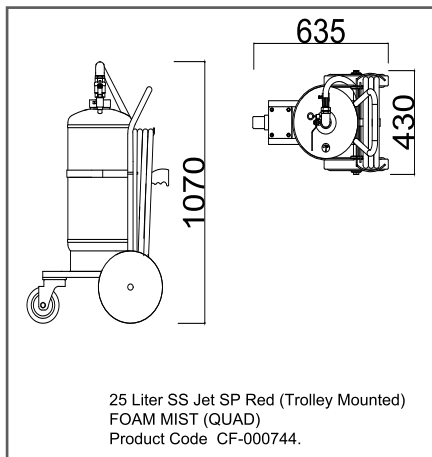
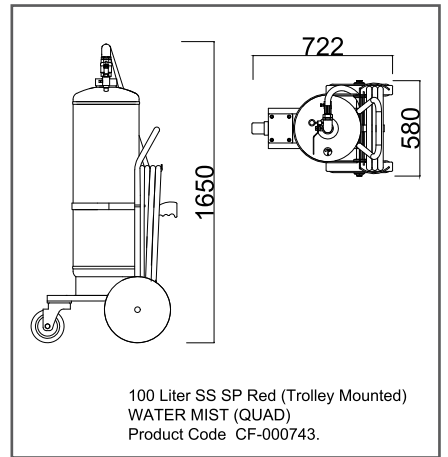
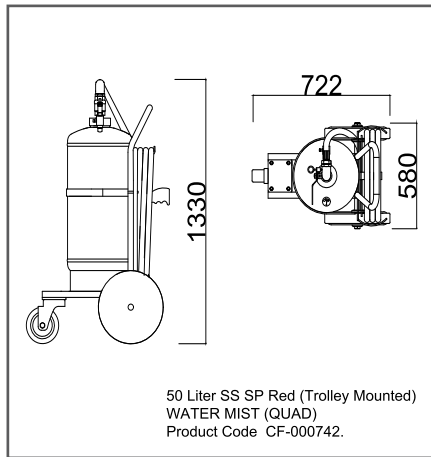
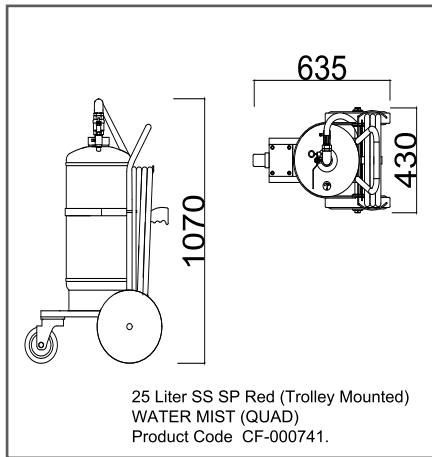
PRODUCT OVERVIEW

Portable powder-based extinguishers on the premises can fight the flames if the fire is detected early, but have little capacity to fight the fire in a long battle or a big fire. Collateral damage by these extinguishers is another unavoidable outcome. Hydrant systems on the other hand, cause collateral damage, increases the risk of electrocution and are impossible to take to the scene of the fire.

The need of the hour is for a portable system with humongous firefighting power that doesn't cause any further damage. A power-packed Watermist or Watermist +Foam-based system that takes firefighting up a few notches. Approximately 400 times.



ENGINEERING DRAWINGS

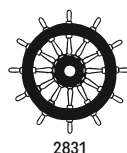


Product Code	UOM	CF-000741	CF-000742	CF-000743	CF-000744	CF-000745	CF-000746
Type of Dis. Fitting & Length	MM	EPDM Rubber Braided Hose Pipe with nozzle Length of Hose 5000mm (Min.)	EPDM Rubber Braided Hose Pipe with nozzle Length of Hose 5000mm (Min.)	EPDM Rubber Braided Hose Pipe with nozzle Length of Hose 5000mm (Min.)	EPDM Rubber Braided Hose Pipe with nozzle Length of Hose 5000mm (Min.)	EPDM Rubber Braided Hose Pipe with nozzle Length of Hose 5000mm (Min.)	EPDM Rubber Braided Hose Pipe with nozzle Length of Hose 5000mm (Min.)
Throw	METER	4	4	4	10	10	10
Min. Discharge Time	SEC.	20	40	80	20	40	80
Fire Rating	—	A	A	A	A IVB	A IVB	A IVB
Operating Temperature Range	°C	5°C to +55°C	5°C to +55°C	5°C to +55°C	5°C to +55°C	5°C to +55°C	5°C to +55°C
Applicable to Type of Fire	—	Class A & Electrical Started Fire	Class A & Electrical Started Fire	Class A & Electrical Started Fire	Class A, B & Electrical Started Fire	Class A, B & Electrical Started Fire	Class A, B & Electrical Started Fire
Filled Weight Range*	KG	Approx. 65	Approx. 106.80	Approx. 166.20	Approx. 66.50	Approx. 107.50	Approx. 166.70
Packed Weight Range (approx)**	KG	74.75	122.82	191.13	76.48	123.63	191.71
Packed Size Length x Width x Height	MM	670 x 500 x 1100	700 x 600 x 1320	790 x 650 x 1650	670 x 500 x 1100	700 x 600 x 1320	790 x 650 x 1650
Product Warranty	YEAR	5	5	5	5	5	5

*It includes Empty Extinguisher, Contents, Hose / Nozzle and trolley.

**It includes Empty Extinguisher, Packaging, Contents, Hose / Nozzle and trolley.

CERTIFICATIONS



PRODUCT PICTURES



25 L



50 L

100 L

*v1' Published Date is 31-07-2022.

**Regular R&D and product improvisations may lead to change in product specifications in this data sheet, without any prior notice.