

TECHNICAL DATA SHEET

for use by Architects & Engineers

3 LTR. WATERMIST EXTINGUISHER

Model No: LWM3D



DESCRIPTION

WaterMist is the ONLY extinguisher in the world of its type to be able to extinguish ALL classes of fire using only water and NO ADDITIVES.

The extinguishing is due to huge cooling effect caused by mist. Mist, created from water has a droplet size of 50 microns which means 1 billion droplets are created from 1 Ltr of water, implying a coverage of a total surface area of 200 square meters. While the tiny droplets suffocates the fire by converting to vapor (an inert gas), simultaneously the dilution of the free radicals also breaks the chemical chain.

FEATURES

- EN3 Kitemark approval by BSI in the UK and CE marked
- Suited to class A, B Class, C, D (Non oxidizing), E & F Fires (K class in USA)
- Leaves almost no residue when applied to fire due to evaporation.
- Safe for the user due to mist barrier between fire and operator
- Safe for use on electrical items upto 100kv. Certified to 35kv
- Easy to Empty and refill onsite without mess or special filling machinery
- Uses highly advanced technologies in the industry with multiple patents
- No collateral damage after discharge
- No contamination
- Available in 3 & 6 Ltr Stored Pressure

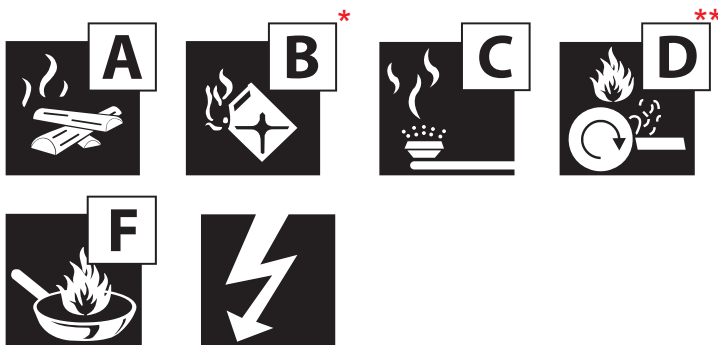
PRECAUTIONS

- * Meets USA and South African standard with 34B, matching real-life scenario, but not EN3's requirement of 89B & 183B for 3 & 6 Ltrs.
- ** Seek advice before specifying on metal fires. Not tested on all metals and is not suitable for oxidizing metals

INDUSTRIES OF USE

- Laboratories
- Mosque/ Church / Temples
- Archives
- Art galleries
- Food storage
- Restaurants
- Schools & Colleges

CLASSES OF FIRE



TECHNICAL SPECIFICATIONS

Agent	Distilled Water					
Capacity	3 Ltr.					
Propellant	Nitrogen					
Fire Rating	A	B*	C	D**	E	F
	8	✓	✓	✓	✓	40
Operating Temperature	+5°C ~ +60°C					
Working Pressure	12 Bar					
Test Pressure	27 Bar					
Discharge Time	26.0 sec					
Range of Throw	>1.5 mtr					
Hose Type	Length	PVC13	560 mm			
Height	428 mm					
Diameter	163 mm					
Filled Weight	10.8kg					
Material	Low-Carbon Steel					

TECHNICAL DATA SHEET

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6 LTR. WATERMIST EXTINGUISHER

Model No: LWM6D



DESCRIPTION

WaterMist is the ONLY extinguisher in the world of its type to be able to extinguish ALL classes of fire using only water and NO ADDITIVES.

The extinguishing is due to huge cooling effect caused by mist. Mist, created from water has a droplet size of 50 microns which means 1 billion droplets are created from 1 Ltr of water, implying a coverage of a total surface area of 200 square meters. While the tiny droplets suffocates the fire by converting to vapor (an inert gas), simultaneously the dilution of the free radicals also breaks the chemical chain.

FEATURES

- EN3 Kitemark approval by BSI in the UK and CE marked
- Suited to class A, B Class, C, D (Non oxidizing), E & F Fires (K class in USA)
- Leaves almost no residue when applied to fire due to evaporation.
- Safe for the user due to mist barrier between fire and operator
- Safe for use on electrical items up to 100kv. Certified to 35kv
- Easy to Empty and refill onsite without mess or special filling machinery
- Uses highly advanced technologies in the industry with multiple patents
- No collateral damage after discharge
- No contamination
- Available in 3 & 6 Ltr Stored Pressure

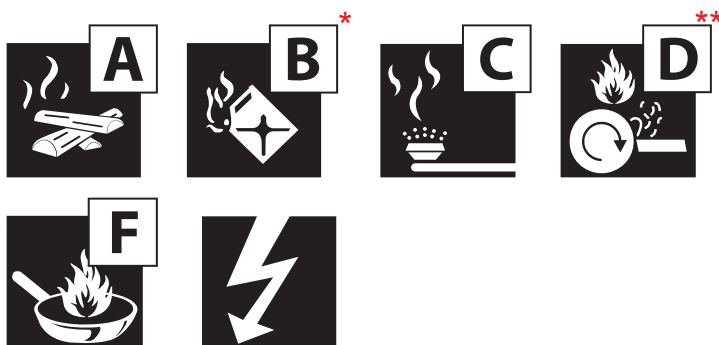
PRECAUTIONS

- * Meets USA and South African standard with 34B, matching real-life scenario, but not EN3's requirement of 89B & 183B for 3 & 6 Ltrs.
- ** Seek advice before specifying on metal fires. Not tested on all metals and is not suitable for oxidizing metals

INDUSTRIES OF USE

- Laboratories
- Mosque/ Church / Temples
- Archives
- Art galleries
- Food storage
- Restaurants
- Schools & Colleges

CLASSES OF FIRE



TECHNICAL SPECIFICATIONS

Agent	Distilled Water					
Capacity	6 Ltr.					
Propellant	Nitrogen					
Fire Rating	A	B*	C	D**	E	F
	13	✓	✓	✓	✓	75
Operating Temperature	+5°C ~ +60°C					
Working Pressure	12 Bar					
Test Pressure	27 Bar					
Discharge Time	54.0 sec					
Range of Throw	>1.5 mtr					
Hose Type	Length	PVC13	600 mm			
Height	534 mm					
Diameter	183 mm					
Filled Weight	10.6 kg					
Material	Low-Carbon Steel					