



D TYPE METAL FIRE EXTINGUISHERS

KANEX MADE CLASS D Fire Extinguishers are designed to tackle flammable metal fires because ordinary Dry Chemical Powders are not suitable for fighting metal fires or even water & foam type too, as metals react violently with water & foam.

Ideal Use: Flammable metal manufacturing company, light metals like Li, Na, K, Mg, Al etc.



D-Class

PRINCIPLE OF OPERATION

D type Fire Extinguishers contains a blended Sodium Chloride based dry powder. Heat from the fire causes it to cake and form a crust excluding air and dissipating heat from burning metal.

Metal fires involving magnesium, sodium, potassium and sodium-potassium alloys can be successfully extinguished with Sodium Chloride based extinguishers.

And Lithium, zirconium, uranium, titanium, and powdered aluminum fires can be controlled and extinguished with unique Special extinguisher with extinguishing agent as Ternary Eutectic Chloride (TEC).

FEATURES

- ✓ The specially designed applicator is particularly suited for fighting Class D fires. The design is such a way that the operator can stand away from extreme heat and toxic fumes. Other features are non dispersing agent and easily controlled.
- ✓ EPDM Rubber braided Discharge hoses for long life.

Applicability of TEC & SODIUM CHLORIDE POWDERS

SODIUM CHLORIDE		TEC POWDER	
✓ Sodium Chloride works well for metal fires involving magnesium, sodium (spills and in depth) potassium alloys, uranium, powdered Aluminum etc.	✓ TEC works for all type of Metals including Lithium and its alloys too.	✓ For lithium and its alloys it cannot works	✓ The unique composition of ternary eutectic chloride of alkali metals gives fast & effective fire knock down capability, which cannot be matched by ordinary mixtures of chloride salts or phosphate base powders.

PERFORMANCE DATA

MODEL (MAP POWDER)	KFDMSRQ-4	KFDMSRQ-6	KFDMSRQ-9	KFDMRQ-25	KFDMRQ-50	KFDMRQ-75
Capacity	4 kg	6 kg	9 kg	25 kg	50 kg	75 kg
Design	Hose & Applicator			Trolley Mounted, Hose & Applicator		
Height (Approx)	490 mm	530 mm	575 mm	1020 mm	1030 mm	1320 mm
Diameter (Approx)	140 ± 5 mm	150 ± 5 mm	180 ± 5 mm	300 ± 10 mm	400 ± 10 mm	400 ± 10 mm
Average Discharge time	25 Sec	30 Sec	30 Sec	45 Sec	60 Sec	90 Sec
Average % Discharge	85%	85%	85%	85%	85%	85%
Operating Temperature	-30 °C to +55 °C					
Service / Max. Service / Test Pr.	15 / 18 / 35 bar			14 / 17 / 35 bar		
Expelling Agent	Nitrogen (UHP Grade)			Nitrogen Gas with regulator		
N ₂ Cylinder Capacity	—	—	—	3 Ltr	6.8 Ltr	6.8 Ltr
Empty Weight (Approx.)	3.0 kg	3.3 kg	5.0 kg	59 kg	70 kg	75 kg
Full Weight (Approx.)	7.0 kg	9.3 kg	14.0 kg	84 kg	120 kg	150 kg
Shipping Weight (Approx.)	7.3 kg	9.6 kg	14.5 kg	85 kg	121 kg	151 kg
Packing Standard	2 in 1- 21"X6.75"X14.10"	2 in 1- 21"X6.75"X14.10"	1 in 1 - 24.5"X8.0"X8.0"	Corrugated paper & Jute Bags		
Mounting Bracket	Wall Bracket			—		