



## MONNEX / UREA COMPLEX POWDER FIRE EXTINGUISHER

KANEX STORED PRESSURE & CARTRIDGE PRESSURE type Monnex / Potassium bi carbonate urea complex Dry Powder fire extinguishers are characterized by their high performance, simple method of operation and rapid fire knock down capability. They are suitable for tackling fires involving petrol, oils, gas & electrical equipment. KANEX powder extinguishers contain high performance powder to achieve high Fire Rating.

### FIRE RATINGS

	Capacity	BS EN Rating
<b>Stored Pressure</b>	2 kg	144B
	4 kg	183B
	6 kg	233B
	9 kg	233B*
<b>Cartridge Pressure</b>	4 kg	183B
	6 kg	233B
	9 kg	233B*

**Ideal Use:** Oil refineries, Petrol stations, Natural gas plant etc.



Class B



Class C



Electrical



### HQ SERIES FEATURES



Monnex (Density 0.6 gm/ml) / Potassium Bi carbonate Urea complex powder (Density 0.5 - 0.7 gm/ml) is the most trusted high performance dry chemical powder for high risk firefighting applications.



Hydraulically tested as per standard requirements



HQ series products are designed to achieve the best Fire Ratings Refer the above table



Anti-corrosive treatment: Semi Automatic Seven tank Hot dipping Phosphate treatment Process



Unique Gauge Testing System (UGTS) mechanism in case of Stored pressure type fire extinguisher CO<sub>2</sub> cartridge confirms to IS:4947 for cartridge type fire extinguisher



Helium Leak Detection tested for leakage, in case of stored pressure type fire extinguisher leak rate up to 1x10<sup>-8</sup> mbar.l/sec.



CE marked, brass chrome plated valve with Controllable discharge mechanism and Large loop Stainless steel Pull pin EPDM Rubber braided hose is far more flexible than the PVC braided hoses and also far less prone to cracks



Easy to maintain, recharge & service



Internally Epoxy Polyester (EP) and Externally Pure Polyester (PP) powder coated (UV Resistant)



Welding Procedure (WPS) approved by TPI with 6G certification

### PERFORMANCE DATA

TYPE	STORED PRESSURE				CARTRIDGE PRESSURE			
	MODEL (MONNEX)	KFMNXSHQ-2	KFMNXSHQ-4	KFMNXSHQ-6	KFMNXSHQ-9	KFMNXCHQ-4	KFMNXCHQ-6	KFMNXCHQ-9
MODEL (UREA COMPLEX)	KFURSHQ-2	KFURSHQ-4	KFURSHQ-6	KFURSHQ-9	KFURCHQ-4	KFURCHQ-6	KFURCHQ-9	
Capacity / Filled Powder	2 kg / 1 kg	4 kg / 2 kg	6 kg / 4 kg	9 kg / 6 kg	4 kg / 2 kg	6 kg / 4 kg	9 kg / 6 kg	
Design	Nozzle	Hose & Nozzle			Hose & Nozzle			
Fire Rating	55B*	144B*	183B*	233B*	183B	183B	233B	
Height (Approx)	380 mm	490 mm	530 mm	575 mm	510 mm	540 mm	585 mm	
Diameter (Approx)	106 ± 5 mm	140 ± 5 mm	150 ± 5 mm	180 ± 5 mm	140 ± 5 mm	150 ± 5 mm	180 ± 5 mm	
Average Discharge time	10 Sec	16 Sec	21 Sec	26 Sec	16 Sec	21 Sec	26 Sec	
Average Range of throw	3 m	5 m	6 m	6 m	5 m	6 m	6 m	
Average % Discharge	92%	92%	93%	93%	92%	93%	93%	
Operating Temperature	-30 °C to +60 °C				-30 °C to +60 °C			
Service / Max. service / Test Pr.	15 / 18 / 35 bar				15 / 18 / 35 bar			
Expelling Agent	Nitrogen (UHP Grade)				CO2 Gas			
CO2 cartridge Capacity	—	—	—	—	120 gm	200 gm	200 gm	
Empty Weight (Approx.)	1.7 kg	3.1 kg	3.6 kg	4.9 kg	4.8 kg	5.1 kg	6.9 kg	
Full Weight (Approx.)	2.7 kg	5.1 kg	7.6 kg	10.9 kg	6.8 kg	9.1 kg	12.9 kg	
Shipping Weight (Approx.)	3.1 kg	5.5 kg	8.0 kg	11.4 kg	7.2 kg	9.5 kg	13.4 kg	
Packing Standard	Inner- 13.75"X4.75"X4.75" Outer (4 in 1)- 16.5"X10"X10"	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"	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"	
Mounting Bracket	Wall Bracket				Wall Bracket			
Approvals	CE				BIS & CE			