

Type	Ratings	Contents	MSDS	Behaviour During Use	How it Works	Advantages	Disadvantages	Best Uses	Maint Sched
ABC - Dry Chem	1A-20A, 10B-120B, C.	Ammonium Phosphate.. Powder fine, yellow	Irritating to the respiratory system, eyes and skin. No known enviro effects.	12-18' range. Discharge 14-20 sec.	Melts at 350 deg, coats surface. Smothers, breaks B chem reaction.	Economical. Broad application. Use to minus 65F.	Respiratory issues. Harms electronics. Volatile with oxydizers	Non-special hazard locations. Offices, schools, hotels warehouses.	6 year rebuild 12 yr hydro.
BC - Dry Chem	10-120B, C.	Siliconized sodium bicarbonate or similar	Same as ABC Dry Chem	10-30' range.	Smothers B fires.	Better in wind vs CO2 /Halotron. Economical.	More corrosive than other dry chemicals. No A rating.	Class B, C for high range. Pressurized gases	6 yr rebuild 12 yr hydro.
A - Press Water	2A	Water. Can freeze - can add antifreeze	N/A	45-55' stream of water.	Cooling, soaking, penetrating stream.	Hi effect on A. Long range, wind resistant.	Not effective on class B. Conducts electricity no C.	Storerooms, barns, attics.	5 year rebuild 5 yr hydro.
AC - Water Mist	2A:C	De-ionized water.	NA	10-12' range. Wand, mist spray nozzle.	Cooling, soaking, low penetrating mist.	Hi A effect and C. Less penetrating, doesn't scatter burning mat'l.	Max 2A rating. No B. Will freeze. Costly to buy and charge.	Hospital, valuable books, docs, museums, telecomm.	5 year rebuild 5 yr hydro.
K - Wet Chemical	2A:K	Potassium Acetate, water. Water soluble.	Mildly irritating- eyes, skin, respiratory.	10-12' range. Low PH - fine mist.	Cools A fires. Cools oils/ fats - foam prevents re-ignition.	Only agent for cooking grease. No residue, grease splash.	No B or C rating.	Cook applicances, deep friers, charbroilers..	5 yr rebuild 5 yr hydro.
(A)BC - Halotron	2-10B, C. 1-2A in 11 & 15.5l	HydroChloroFluoroCarbon 93% (HCFC-123)	Poss. cardiac arrhythmia, nerv. sys. depression, and asphyxiation. Can irritate.	6-15' range - Colorless volatile, liquid, rapid evaporating.	Cooling and smothering. No electrical conductivity.	Clean agent vs corrosive ABC. Better effect, range, weight vs CO2.	A rating only in large sizes. Expensive. Caution re confined spaces.	Computer, data telecomm, electronics, boats, vehicles, aircraft.	6 yr rebuild 12 yr hydro.
BC -Purple K	10-120B, C.	Fluidized, Siloconized potassium bicarbonate.	Irritation to skin and eyes. Slight respiratory irritation.	9-21' range.	Smothering.	Effective on press gases. Economical. Use to - 65F.	No A rating.	Oil, gas, chemical and utilities industries.	6 yr rebuild. 12 yr hydro.
BC - Carbon Dioxide	5-10B, C.	Carbon Dioxide	Displaces oxygen - caution in confined spaces re breathing.	3-8' range.	Dilutes atmosphere with inert gas - starves fire of oxygen.	Clean agent - no cleanup.	No A, Must stand close to fire. Bad in wind, heavy, starves oxygen	Electronics, food preparation, labs, printing/ duplicating.	5 yr rebuild 5 yr hydro.
D - Dry Chemical		Sodium Chloride Dry Powder		3-10 feet range.	Smothering.	Specialty for D only	Corrosive	Magnesium, sodium, potassium.	6 yr rebuild. 12 yr hydro.