

# ABC PORTABLES



## FIRE EXTINGUISHERS REDEFINED



### Class A

FSD - ABC 4.5 kg Portable is six times more effective on Class A Fires compared to an ordinary 5 kg ABC Extinguisher.



### Class B

An ordinary 5 kgs ABC Extinguisher gets approved on extinguishing a 34 litres Heptane Fire. FSD - ABC 4.5 kg Portable has been built to extinguish a fully involved 700 litres Heptane Fire.



### Class C

FSD-ABC Portables have been tested and approved upto 100,000 volts, thereby ensuring complete fire fighter safety.

## SPECIFICATIONS

Model	FSD-ABC 2.5	FSD-ABC 2.5	FSD-ABC 2.5	FSD-ABC 2.5
Capacity (lb)	2.5LB	5LB	10LB	20LB
Fire Rating	A/0B/c	2A/40B/c	4A/60B/c	10A/80B/c
Discharge Time (Sec)	9	14	18	26
Height (mm)	380	405	482	593
Width (mm)	130	155	170	198
Diameter (mm)	85	110	143	180
Gross Weight (lb)	6	9	15 1/2	61 1/2
Working Pressure (Psi)	195	195	195	195
Test Pressure (Psi)	585	585	585	585
Temperature Range	-40°F~120°F	-40°F~120°F	-40°F~120°F	-40°F~120°F
Bracket	Wall Bracket and marine Bracket			

# APPLICATIONS

## PRESSURE FIRE HAZARDS

Pressure fires involves a flammable liquids or gas that is been released, under pressure, from a hose pipe flange, fitting valve, cylinder tank, or any other storage device.

Examples of Pressure Fire Hazards:

- ✓ LPG Tanks and transfer areas
- ✓ Paint and solvent spray operations
- ✓ Pumps and piping networks
- ✓ Gasoline fuel pumps
- ✓ Processing and distribution equipments
- ✓ Compressed gas cylinders and many folds
- ✓ High-pressure hydraulic equipment

## OBSTACLE FIRE HAZARDS

Obstacle Type Fires involve flammable liquid on a horizontal surface where a solid object creates a barrier within the parameter of the burning liquid. This can occur when a flammable liquid is spilled on the floor around a solid object. A solid object can also create a barrier within an open container of the flammable liquid such as a dip tank.

Examples of Pressure Fire Hazards:

- ✓ Drum storage areas
- ✓ Dip tank process areas
- ✓ Floor areas around machinery
- ✓ Processing and distribution equipments
- ✓ Compressed gas cylinders and many folds
- ✓ High-pressure hydraulic equipment

## THREE-DIMENSIONAL FIRE HAZARDS

Three - dimensional Fires involve flammable liquid in motion and usually include both horizontal and vertical surfaces. Often, flammable liquid leaks down a vertical surface, pooling on a horizontal surface below

Examples of Pressure Fire Hazards:

- ✓ Pumps and transfer equipment
- ✓ Flammable liquid storage cabinets
- ✓ Electric power transformers
- ✓ Machinery and process equipment
- ✓ Coating operations and conveyors
- ✓ Walls or structures that support pipes
- ✓ Tanker loading tracks (highway or rail)
- ✓ Storage tanks and drum storage racks
- ✓ Tank trucks and off-loading points
- ✓ Vehicle fueling areas

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