



# FIRE FIGHTING EQUIPMENT

ALMOND **TRADING ENTERPRISES** is a leading supplier of fire fighting equipment to various clients in Sultanate of Oman

## **Major Fire Fighting Equipment we do Supply and Install are:**

### **1. Water Type Fire Extinguisher**



Best for Extinguishing fires involving organic solid materials such as wood, cloth, paper, plastics, Coal etc  
These are cheapest and most widely used fire extinguishers used for Class A fires. Not suitable for Class B fires or where electricity is involved.

### **2. Dry Chemical Powder Fire Extinguisher**



Often termed the 'multi-purpose' fire extinguisher, as it can be used on classes A, B & C fires. Best for running liquid fires (Class B). It will efficiently extinguish Class C gas fires, but beware; it can be dangerous to extinguish a gas fire without first isolating the gas supply. Special powders are available for class D metal fires.

### **3. Foam Type Fire Extinguisher (AFFF)**



More expensive than water, but more versatile. Used for Classes A & B fires. Foam spray extinguishers are not recommended for fires involving electricity, but are safer than water if inadvertently sprayed onto live electrical apparatus.

### **4. Carbon dioxide Fire Extinguisher**



Carbon Dioxide is ideal for fires involving electrical apparatus, and will also extinguish class B liquid fires, but has NO POST FIRE SECURITY and the fire could re-ignite.

### **5. Wet chemical Fire Extinguisher**



Wet chemical extinguishers are ideal for fires involving cooking oils and fats, such as lard, olive oil, sunflower oil, maize oil and butter

## 6. Portable Aerosol Fire Extinguisher



The FirePro Aerosol generator is activated after 8-10 seconds delay by pulling the actuating ring. This delay is required to throw the generator into the fire is located. On Activation of Generator the solid forming compound inside the Generator will transform into Aerosol having potassium as the main compound. Functioning of Aerosol is based on the inhibition of oxidation reaction. This Aerosol extinguishes the fire and remains in suspension for a long time.

Can be deployed quickly and easily, Knocks the fire down, flames are gone within seconds, Prevents flashovers and backdrafts, Saves crucial time & money, Increases the safety of fire fighters considerably, Does not deplete oxygen levels, Is friendly to the environment, Is harmless to humans and animals, Does not cause any overpressure

## 7. Fire Blanket



Fire blankets are made of fire resistant materials. They are particularly useful for smothering flammable liquid fires or for wrapping round a person whose clothing is on fire. Fire blankets conforming to British standard BS EN 1869 :1997 are suitable for use in home, BS 7944 : 1999 suitable for industrial use. These will be marked to show whether they should be thrown away after use or used again after cleaning in accordance with the manufacturer's instructions

## 8. Fire Hose Reel



A fire hose is a high-pressure hose used to carry water or other fire retardant (such as foam) to a fire to extinguish it. Outdoors, it is attached either to a fire engine or a fire hydrant. Indoors, it can be permanently attached to a Fire pump or building's standpipe or plumbing system. Available in 19 mm and 25 mm of length 30 or 45 meters. Also manual and automatic type available as per requirement.

## 9. Fire Pumps



Fire pump sets are manufactured to comply with all civil defense requirements and international standards and used for firefighting applications in various building, warehouses, factories etc. Every set shall be designed and selected its specific duty comprising one electric motor driven, one diesel engine driven for standby and one jockey pump for maintaining system pressure. The pump intake is either connected to underground water supply, or a static overhead water source. The pumps are controlled and operated fully automatic by latest design control panels. Capacity is ranging from 35 to 10000 GPM and pressure from 5 to 15 Bars



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## 10. Breaching Inlet



Breaching Inlet is used to supply water to a building from outside ground level of the building. The valve and its pipe network make a penetration into a building or facility for the purpose of supplying water by the fire department to extinguish a developed fire.

## 11. Landing Valve



Landing Valves are used for fighting fire with water and accordingly mounted in fire hydrant system at Internal or External places. The landing valves are sometimes also referred to as internal hydrants because they are usually fitted inside the buildings for wet hydrant system.

## 12. Fire Hose



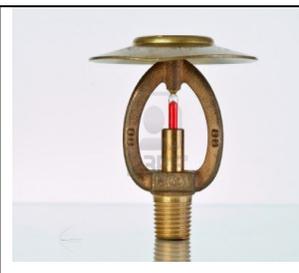
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## 13. Pillar Hydrant



A hydrant is an outlet from a fluid main often consisting of an upright pipe with a valve attached from which fluid (e.g. water or fuel) can be tapped. Breakaway design to prevent accidents to hydrants, where only upper part of the flange will be broken upon impact. Externally sand blasted for smooth finish, painted red with electrostatic powder coating on the section above the ground and double coated with black bituminous paint on the section below the ground

## 14. Sprinkler Heads and Piping



## 15. Fire Cabinets – Single

### Technical Specification

Dimension	Any size as per. requirement
Material	Stainless steel / Mild steel / G.I
Thickness	1.2/1.5 mm
Installation	Surface / Wall Mounted, Or recessed type
Capacity	Manual or Automatic swing, fixed hose reel 3/4" or 1"
finish	Red powder coated, S.S., Mirror Finish, Brush Finish, Hair line






### Breaching Inlet Cabinet

Type	Thickness	Material		Capacity	Finish
		Door	Back box		
Recessed	1.2 mm	Mild steel	Mild steel	2way breaching inlet	Red powder coated
Surface mounted	1.5 mm	Stainless steel	Stainless steel	4 way breaching inlet	S.S. Brush finish
		Wired glass			S.S. Mirror finish
Semi recessed	1.5 mm	Clear glass	Fiber glass	S.S. Hair line	S.S. Hair line
Self Standing		Fiber glass			






## 16. Fire Cabinets – Double



### Technical Specification

Dimension	Any size as per requirement
Material	Mild steel / G.I
Thickness	1.2 / 1.5 mm
Installation	Surface / Wall Mounted, Recessed type
Capacity	Manual or Automatic swing, fixed hose reel 3/4" or 1" & Landing Valve 1 Dry Powder and 1 No. Co2 Fire Extinguisher
Finish	Red powder coated
Hinges	Push pin
Door handle	Chrome plated or stainless steel



### Technical Specification

Dimension	Any size as per requirement
Material	Stainless steel
Thickness	1.2 / 1.5 mm
Installation	Surface / Wall Mounted, Recessed type
Capacity	Manual or Automatic swing, fixed hose reel 3/4" or 1" & Landing Valve 1 Dry Powder and 1 No. Co2 Fire Extinguisher
Finish	S.S., Mirror Finish, Brush Finish, Hair line Finish
Hinges	Piano hinges stainless steel
Door handle	Chrome plated or stainless steel



### Technical Specification (Double Door Cabinet)

Dimension	Any size as per requirement
Material	Stainless Steel Door & Architrave with M.S. Back Box
Thickness	1.2/1.5mm
Installation	Recessed Type
Capacity	Manual or Automatic swing, Fixed hose reel 3/4" or 1", Landing Valve 1 Dry Powder & 1 No. Co2 Fire Extinguisher
Hinges	S.S. Piano Hinges
Door Handle	Chrome Plated or Stainless Steel Round Lock