



Quick Response Fire Fighting Solutions



From the pioneers in indigenous **Fire Extinguishing** Technology
VSP AQUA-MIST FIRE PRIVATE LIMITED



Powder Gun in Action in horizontal as well as vertical throw



DCP Gun type Wheeled Fire Extinguisher 25 kg capacity



DCP Gun type Wheeled Fire Extinguisher 50 kg capacity

Dry Chemical Powder Gun Type Wheeled Fire Extinguisher

The Dry Chemical Powder Gun type Wheeled Fire Extinguisher offers several advantages, including rapid flame cutting, a long throw range (minimum 15 meters horizontally and 10 meters vertically), a high fire rating, and suitability with electrically charged equipment. These qualities make it highly effective for power generation and transmission utilities, inflammable oil storages and fires occurring at height. On oil fires, the performance is excellent.

Technology:

Jet of air propels powder particles, thus accelerating them and resulting in a longer throw for the given rate of discharge

Advantages:

1. Better volume coverage due to homogenized cloud of power.
2. Application from safer distance.
3. Effective for fighting fires at height.
4. Suitable for energized electrical equipment.
5. Consistent performance from start to finish.

Standard Component:

1. Applicator Gun
2. SS Container with Dry Chemical Powder, on trolley
3. Regulator
4. Twin hoses
5. Air Cylinder

Operating and performance parameters:

1. Discharge - 0.5 to 0.7 kg/sec
2. Vertical Throw - 10 to 12 meters
3. Horizontal throw - 16 to 20 meters

Model	Extinguisher Capacity (kg)	Duration* (sec)	Fire Rating as per EN standard
PG 25	25	48	Type IB
PG 50	50	90	Type IIB

*For continuous operation

Testing & Certification:

1. The DCP Gun type 25 kg & 50 kg fire extinguisher are ISI Marked (IS 16018), **Fire Rating - 233B CM/L - 7400051249**
2. The DCP Gun type Wheeled fire extinguisher are tested for Fire Rating as per EN 3-7 & EN 1866 (European Standard) & performance at NABL accredited test Laboratory **Fire Rating - Type IB -25 kg & Type IIB- 50 kg**

VSP Make DCP Gun type Fire Extinguisher in use at 132KV Yeola S/S. MSETCL Nashik



Fire at MSETCL Yeola Substation Dist Nashik at 8m. High transformer with 25000 V supply.



VSP Fire make PG 25 DCP gun type fire extinguisher could extinguish the fire in few seconds



Vertical throw of 10 mtrs shown in reference to 8 mtrs high electric pole

"A fire incident on 28.11.2016 at 132KV Yeola S/S & 33 KV CT (Jalgaon Feeder bay). The fire was serious & at a height where conventional Extinguishers could not reach. VSP make dry Chemical Powder Gun type fire extinguisher extinguished the fire within seconds. Appreciation letter for the above incident was given by EE, EHV (O&M) Division, Nashik, MSETCL.



Twin agent - Combination fire extinguisher



Class A, B fire being extinguished simultaneously



Water mist and powder in action

Dual Fire Suppression Combo Trolley

Introducing, for the first time, a Dual Fire Suppression Combo Trolley that integrates two independent firefighting systems on a single mobile platform a 25 kg Dry Chemical Powder (DCP) Gun and a 20 Litre Water Mist Gun. Each system has its own air cylinder, regulator, vessel, hose, and applicator gun for independent operation. The DCP Gun delivers rapid knockdown across Class A, B, C, electrical, including 3 Dimensional fires, while the Water Mist Gun, with optional AFFF or water additive, provides effective cooling and prevents re-ignition.

Why Combine the Two

The Combo unit is introduced to remove existing individual agents limitations. Operators can deploy DCP alone, Water Mist alone, or both simultaneously, offering the flexibility to match the fire scenario. This unique combination overcomes the limitations of individual systems, ensuring faster, safer, and more effective fire suppression.

Advantages

- Dual-agent coverage on a single trolley, no need for two separate extinguishers.
- Effective on Class A, B, C and electrical fires, including 3D fires.
- Independent vessels, hoses and guns.
- Two-operator deployment, each gun run independently or in parallel.
- Extended throw: up to 15m horizontal / 10m vertical (DCP), 14m (Water Mist).
- SS 316 construction on both vessels for durability and corrosion resistance.
- Mechanical, non-electronic design for outdoor and harsh industrial use.

Standard Components

- DCP Applicator Gun & Water Mist Applicator Gun
- SS Containers for DCP and Water Mist, on a common trolley
- Independent Regulators, Twin hoses & Air Cylinders per system

Extinguishing Media

- Water Mist plus Additives. Optional AFFF 3% or 6% conforming to IS 4989 in a 20 litre jerry can. Dry Chemical Powder is potassium based, conforming to IS 4308, minimum 90% base material.

Performance Parameters

Water Mist Gun Side	
Max. Throw	14 m
Discharge Rate	0.5 L/sec (30 LPM)
Fire Rating (IS 16018)	20A, 233B
Fire Rating (EN 3-7 & 1866)	Type IB, 21A

Dry Chemical Powder Gun Side	
Horizontal Throw	15 m
Vertical Throw	10 m
Discharge Rate	0.56 kg/sec
Fire Rating (IS 16018)	233B
Fire Rating (EN 3-7 & 1866)	Type IB, 13A

Recommended System by Fire Type

Class of Fire	DCP	Water Mist	Combo
Class A	—	✓	✓
Class B	✓	✓	✓
Class C	✓	—	✓
Electrical	✓	—	✓
3-D Fire	✓	—	✓
Mixed Class Fire	—	—	✓



Water Mist in action



Water Mist Gun type
Wheeled Fire Extinguisher
20 ltr. capacity



Water Mist Gun type
Wheeled Fire Extinguisher
45 ltr. capacity

Overview

The Water Mist Gun Type Wheeled Fire Extinguisher offers better fire fighting ability than conventional Water Fire Extinguishers with its rapid cooling ability, long 15 meters throw, a high fire rating, and prevention of re-ignition. This makes it highly effective for majority of fires, and specifically suited for Class A and B (oil) fires.

Technology

Low-pressure air and water are mixed, pressurized and atomized through the applicator gun, with a dual air supply producing a fine, high-velocity mist for precise, effective extinguishing.

Advantages

- Rapid cooling of the fire and surrounding surfaces.
- Prevents re-ignition after knockdown.
- Long throw of up to 15 meters.
- High fire rating for reliable performance.
- No Recoil, Consistent, easy operation from start to finish.

Operating Parameters

Discharge: 0.5 to 0.7 ltrs/sec. Max Throw: 15 meters.

Standard Components

- | | |
|-------------------|------------------------------------|
| a) Applicator Gun | b) Regulator |
| c) Twin hoses | d) SS Water Container with Trolley |
| e) Air Cylinder | f) Optional AFFF 6% or additives |

Model	Cap. (L)	EN Rating	IS 16018
WMFG 20L	20	IB, 21A	20A, 233B
WMFG 45L	45	IIB, 34A	20A, 233B

Testing and Certification

The Water Mist Gun Type Wheeled Fire Extinguisher is tested for Fire Rating and performance as per EN 3-7 & EN 1866 (European Standard) & IS 16018 at Fire Test & Research Laboratory, an NABL & BIS accredited test laboratory.



OUR CLIENTS



VSP AQUA-MIST FIRE PRIVATE LIMITED

Factory Address : F 9/1 Part, MIDC, Hingna Road, Nagpur - 440 016. Maharashtra.

M: 8806055221, 9423880267 | E: vspaquaa@gmail.com, info@vspaquaa.com

W: www.vspaquaa.com | CIN No.: U29193MH1998PTC115328