



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.



Water Mist Gun with additives



...in Jet Mode



...in Spray Mode

Water Mist Gun with additives

The Water Mist Gun (WMFG) Fire Extinguisher is a low-pressure equipment designed to effectively combat fires. It creates and accelerates a mist inside the gun by combining low-pressure air and water, along with a small quantity of foam/additive. This mist is then aimed at the seat of the fire, extinguishing it within seconds. It is highly effective on Class A and Class B (oil) fires.

Salient Features: No recoil. Easy Operations. Minimum training. Lightweight. Portable. Operates in spray and jet modes. Low operating pressure (< 15 Bar for both air and water for all models).

The Water Mist Gun (WMFG) is available in following models:

I. Trolley Type WMFG 45

Standard Components:

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

Transport Module:

Suitable trolley with frame

Performance parameters:

- | |
|----------------------------------|
| a) Discharge - 0.5 lt/ sec. |
| b) Throw in |
| i) Jet Mode - 14-15 mtrs. (min) |
| ii) Spray Mode - 7-8 mtrs. (min) |

Tested at an NABL accredited test Laboratory.

WMFG 45



LOW REACTION PISTOL GRIP TRIGGER CONTROLLED BRANCH PIPE WITH NOZZLE



The Salient features of Low reaction Pistol Grip Trigger Controlled Branch Pipe with Nozzle are as under:

1. Low reaction felt by operator/fireman.
2. Single man operation
3. Trigger controlled ON/OFF operation without changing grip
4. Water conservation
5. Ease of operation

PERFORMANCE PARAMETERS

- | | | |
|--------------|---|-----------|
| 1. Discharge | : | 175 LPM |
| 2. Max Throw | : | 25 meters |
- (Both values at 7 kg/cm² pump pressure and nozzle dia ½" equivalent area.)

Pressure Gauge Adaptor (PGA)

Safe and efficient solution for on the spot measurement of pressure of a cylinder.

Features:

1. On-the-Spot Checking: Instantly check the pressure without disassembling components.
2. Quick and Easy Solution: No need to stripe and carry the cylinder for weighing to ascertain contents for eg. CO2 cylinders
3. No Thread Damage: After measuring the pressure, the device is safely deflated and removed, preventing thread damage.
4. Safety First: Designed to safely check pressures, minimizing the risk of leakage.
5. Versatility: Suitable for various cylinder types and sizes:
 - Air cylinders used with breathing apparatus (BA) sets.
 - CO2 cylinders used as fire extinguishers.
 - Other thread sizes available to meet client-specific needs.
6. No Extra Accessories Required: Streamlined design eliminates the need for additional tools.



Sales & Services

- Fire Engines
- Hydrant Systems
- Deluge Valve
- Water Mist Systems
- Fire Fighting Pumps
- Conventional Fire Extinguisher
- Annual Maintenance Contract

Due to the continuous product development, the actual design/ specifications of the products / models may change from time to time. Please check back for latest developments.

About the Company

- Promoted by qualified engineering professionals.
- Indigenously developed products
- Experience of over two decades
- In-house design, research and development
- Special focus on designing user-friendly products
- Customisable solutions
- Pioneers in indigenous Water Mist Technology
- Large customer base spread all over India



VSP AQUA-MIST FIRE PRIVATE LIMITED

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

Phones: 8806055221, 9423880267

Email: vspaqu@gmail.com

website : www.vspaqu.com

CIN No.: U29193MH1998PTC115328

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