



Quick Response Fire Fighting Solutions



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



Powder Gun in Action



Dry Chemical Powder
Gun type Fire Extinguisher
25 kg capacity Model PG 25



Powder Gun

Dry Chemical Powder Gun Type Fire Extinguisher

Dry Chemical Powder Gun Type Fire Extinguisher is an Unique Patented product suitable for fires involving solids such as cable fires, plastic, rubber, wood etc, gaseous fires and fires involving energized electrical equipment. 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 meters
3. Horizontal throw - 16 meters

Model	Extinguisher Capacity (kg)	Duration* (sec)
PG 25	25	48

* For continuous operation

Testing & Certification :

1. The DCP Gun type fire extinguisher is ISI Marked (IS 16018), **Fire Rating - 233B**
2. The DCP Gun type fire extinguisher is tested for Fire Rating as per EN 3-7 & En 1866 (European Standard) & performance at Fire Test & Research Laboratory, an NABL accredited test Laboratory. **Fire Rating - Type IB**



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

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

"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 Foam Gun...



...in Jet Mode



...in Spray Mode

Water Mist Foam Gun

Water Mist Foam Gun mixes low pressure air and water (foam is added in small quantity), creates and accelerates the mist, which is aimed at the seat of fire, extinguishing it in seconds. It is highly effective on majority of fires, and specifically suited for 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 Foam Gun (WMFG) is available in following models:

I. Back pack-cum-Handheld Model:

1. WMFG 10

II. Trolley Type

1. WMFG 20

2. WMFG 35 S (Standard)

3. WMFG 35 B (Big Wheel)

4. WMFG 50

Standard Components:

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

Transport Module:

Harness for Backpack-cum-Handheld Model (I); suitable trolley with frame for other Models (II).

Performance parameters common for all models:

- a) Discharge - 0.5 lt/ sec.
- b) Throw in
 - i) Jet Mode - 14.5 mtrs. (min)
 - ii) Spray Mode - 7-8 mtrs. (min)

Tested at Fire Test & Research Laboratory, Sonipat an NABL accredited test Laboratory.

Model	Container Capacity (lt)	Wheel Dia (mm)	Trolley Shockups	Duration* (sec)	AFFF** (lt)
WMFG 10	10	-	N	20	0.6
WMFG 20	20	300	N	40	1.2
WMFG 35 S	35	300	N	70	2.1
WMFG 35 B	35	700	Y	70	2.1
WMFG 50	50	700	Y	100	3.0

* For continuous operation ** To be added





Pressure Gauge Adaptor
(For CO2 Extinguisher & BA Set Air Cylinder)



Single Fluid Water Mist Nozzle
(System Applications)



Twin Fluid Water Mist Nozzle Low
Pressure (System Applications)

Other Products

- Water Mist Fire Suppression Nozzle & System
- Dust Suppression System
- Pressure Gauge Adaptor

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



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