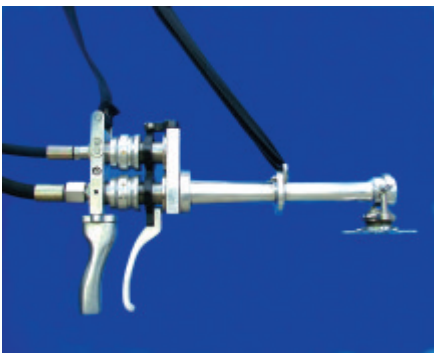


# Quick Response Fire Fighting Solutions



From the pioneers in indigenous **Fire Extinguishing Technology**

**VSP AQUA MIST FIRE PVT. LTD.**



Water Mist Foam Gun...



... in Jet Mode



...in Spray Mode

VSP Aqua Mist Fire Pvt. Ltd., Nagpur, pioneers in Water Mist Fire Fighting Solutions in India, offer indigenously developed Quick Response Fire Fighting Systems to address a wide range of Types and Classes of fires.

### Water Mist Foam Gun

Water Mist Foam Gun mixes low pressure air and water (foam is added in small quantity), atomizes 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 - 12 mtrs. (min) ii) Spray Mode - 5 mtrs. (min)

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

#### Water Mist Foam Gun

WMFG 10



WMFG 20



WMFG 35 S



WMFG 35 B

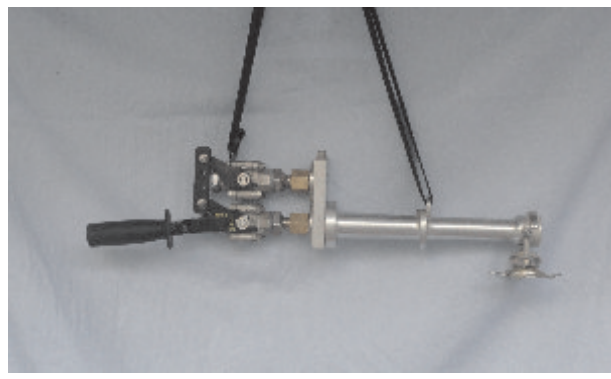


WMFG 50





Powder Gun in Action



Powder Gun



Dry Chemical Powder Fire Extinguisher  
25 kg capacity Model PG 25

## Dry Chemical Powder Gun

Dry Chemical Powder Gun type fire extinguisher is a unique 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 powder
2. Application from safer distance
3. Effective for fighting fires at height
4. Suitable for ultra-high voltage application
5. Consistent performance from start to finish.

**Standard Components:** a) Applicator Gun      b) Regulator      c) Twin hoses  
d) Container with Dry Chemical Powder      e) Air Cylinder

**Operating and Performance parameters :** a) Discharge – 0.55 to 0.7 kg/sec b) Vertical Throw - 8 meters (min)  
c) Horizontal throw – 10 meters (min)

Model	Extinguisher Capacity (kg)	Duration* (sec)
PG 25	25	40

\* For continuous operation

## Low-reaction Trigger-Controlled Pistol-grip Branch Pipe

Pistol Branch

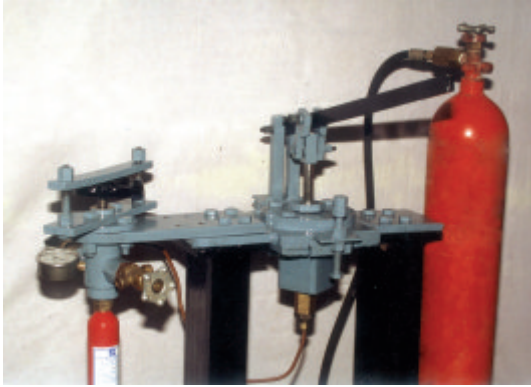


Pistol Branch in Action

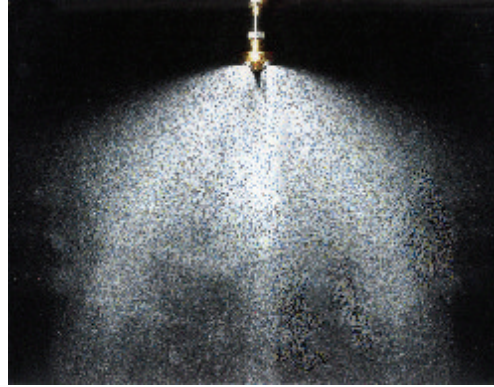


This is a branch pipe which replaces a fireman's common nozzle. It requires only one person to hold the branch pipe at full pressure in place of two. The trigger-operated ON-OFF control enables to optimise the flow of water thus resulting in minimum wastage of water. The trigger ON-OFF can be done without changing the grip on nozzle. For continuous operation, the trigger can be locked in ON position. At 7 Bar, minimum throw is 25 mtrs. and discharge is 175 lpm.





CO<sub>2</sub> Gas Cartridge Refilling Machine  
(Hand operated)



Single Fluid Water Mist Nozzle  
(System Applications)



Twin Fluid Water Mist Nozzle Low  
Pressure (System Applications)

### Other Products

- ◆ Water Mist Fire Suppression Nozzle & System - Single Fluid Water Mist Nozzle ( 18 lpm at 100 Bar )
- ◆ Dust Suppression System
- ◆ Co<sub>2</sub> Gas Cartridge Refilling Machine
- ◆ Rope Launcher

All the equipments/ products are Type Tested at reputed Test Centres.

### About the Company

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

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.



**VSP Aqua Mist Fire Pvt. Ltd.**

Regd. Office: 82, Madhavnagar, Nagpur - 440 010. Maharashtra.

Phones: (0712) 2429466, 2452274 Fax: 91-712-2459648, 2429466

Email: info@vspaqua.com, vspaqua@gmail.com, vspaqua\_ngp@sancharnet.in

website : www.vspaqua.com

Represented by:

