



# PRODUCT BROCHURE

HEATING, VENTILATION, COOLING AND POLLUTION CONTROL SYSTEMS



# VAYUVENTS

LIMITLESS POSSIBILITIES, ENDLESS SOLUTIONS



[www.vayuvents.com](http://www.vayuvents.com)



## ABOUT US

VAYUVENTS PRIVATE LIMITED Established in the year 2010, In Vasai, Mumbai (Maharashtra, India) we, "Vayuvents Private Limited", are the Manufacturer, Exporter of Axial Fan, Centrifugal Fan, Industrial Mancooler Fan, Industrial Hot air blower, Pulse jet dust collector, Bug Blower, Electrical Operated Roof Extractor fan, Motorized Roof Exhaust Fan, Twin lobe blower, Cyclone Dust Collector, Hot air Axial Fan, Fume Scrubber, Belt Driven Centrifugal Blower, Air washer Unit, Air Handling Unit, ID & FD Fan and many more.

VAYUVENTS PRIVATE LIMITED are made available in a varied range of specifications, to meet the diversified requirements of our valuable customers. We are extremely concerned with the quality of the proffered assemblage and this is the reason, we use premium quality raw materials for the manufacturing operation. At our company, VAYUVENTS PRIVATE LIMITED have established a state-of-the-art infrastructure facility that is equipped with basic amenities and machines that are based on modern & advanced technology in the market. Moreover, we have recruited a team of experienced and skilled professionals, who are well trained to understand the varied requirements of our reputed customers. In past decades, we have garnered an unmatched position in the business and wish to garner multiple clients in the future too. We involve in ethical business dealings only. These products are being used by a very diverse range of industries ranging from Power plants & cement manufacturing to Pharmaceuticals & textiles.

Under the able leadership of **VAYUVENTS PRIVATE LIMITED** Founder, 'Rajan Ramashish Pal', we have been able to establish our stand-alone position in the market. His rich industry experience, continuous motivation, and sound business understanding have enabled our organization to gain a phenomenal success in this competitive market.

# COMPANY PROFILE

Vayuvents Limited is a leading manufacturer and supplier of HVAC (Heating, Ventilation, and Air Conditioning) solutions in India. Established in 2010, the company specializes in designing, manufacturing, installing, and servicing a wide range of products, including axial fans, centrifugal fans, industrial mancooler fans, hot air blowers, dust collectors, and more.

Vayuvents caters to various industries, such as marine, offshore, and manufacturing, providing tailored solutions to meet specific ventilation and air pollution control requirements. With a focus on quality and innovation, Vayuvents has become a trusted partner for businesses seeking reliable and efficient HVAC systems.

Our Qualities	Our Commitments	About Us
<ul style="list-style-type: none"> <li>• <b>Quality-focused:</b> Prioritizes high-quality products and services.</li> <li>• <b>Innovative:</b> Continuously develops new and advanced HVAC solutions.</li> <li>• <b>Reliable:</b> Offers dependable and efficient HVAC systems for various industries.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Client-Satisfaction:</b> Understanding customers' need before showcasing our products.</li> <li>• <b>Cost-Friendly:</b> Continuously reviewing the market and giving you the best rates which are pocket friendly .</li> <li>• <b>Great-After-Sale-Services:</b> Will go beyond our customers' expectations in terms of delivery and after sale services</li> </ul>	<ul style="list-style-type: none"> <li>• HVAC solutions provider</li> <li>• Quality products and services</li> <li>• Reliable and efficient systems</li> </ul>

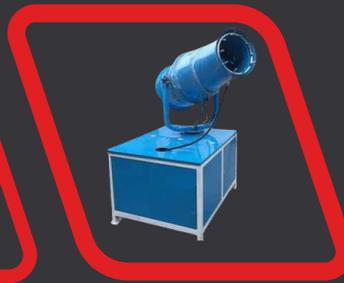
**We offer our products to many market segments as a motor fan company and over the period of time we have successfully expanded to various markets like**

- Marine works
- Nuclear Power Plants
- Highway Tunnels
- Steel Industries
- Oil Factories
- Energy Industries
- Iron Industries
- Solar Industries

Fog cannons are innovative machines designed to reduce airborne dust particles. By creating a fine mist of water droplets, they bind with dust particles, making them heavier and causing them to settle. This is particularly beneficial in industries like construction, mining, and waste management. By suppressing dust, fog cannons improve air quality, protect worker health, and minimize environmental impact. The cannons utilize high-pressure water and specialized nozzles to generate a dense fog that effectively binds dust particles, resulting in a significant reduction in dust levels.

## Components Of Fog Cannon System

1. Water source
2. Pump
3. Piping system
4. Nozzle bank
5. Misting chamber
6. Control valve
7. Electrical control panel

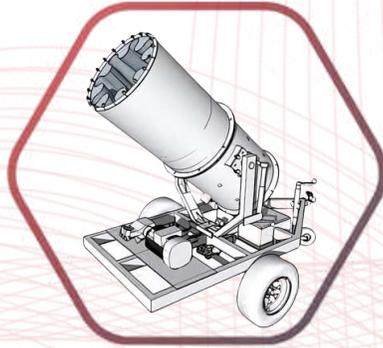


## Key Features Of Fog Cannon System

1. High-pressure water pump: Delivers water at high pressure to create a fine mist.
2. Nozzle bank: Contains multiple nozzles for wide coverage.
3. Misting chamber: Breaks down water into a fine mist.
4. Control system: Regulates water flow and pressure.
5. Remote control: Allows for operation from a distance.

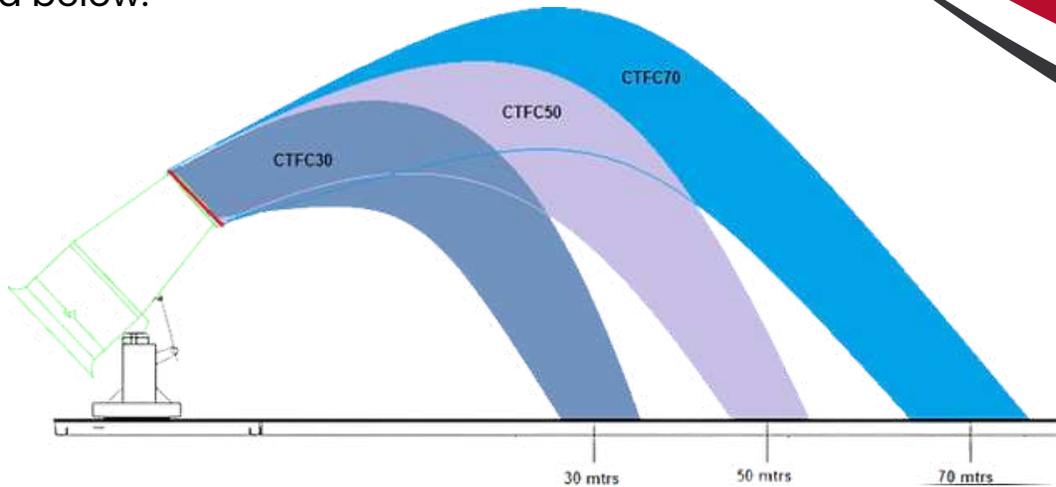
## FOG-CANNON SUPPRESSION SYSTEMS

Fog cannons create fine water droplets that bind with dust particles, causing them to settle.



# FOG-CANNON SUPPRESSION SYSTEM

Fog-Cannon suppression systems come in various dimensions, here are some listed below.



MODEL	Vayuvents30Mtr	Vayuvents50Mtr	Vayuvents70Mtr	Vayuvents90Mtr	Vayuvents120Mtr	Vayuvents150Mtr
<b>Usage /Application</b>	Air Pollution Control					
<b>Throw Range</b>	25-30 Mtr	45-50 Mtr	65-70 Mtr	85-90 Mtr	110-120 Mtr	140-150Mtr
<b>Throw Angle</b>	-5 to +45 Deg					
<b>Oscillation</b>	0 - 320 Deg					
<b>Automation Grade</b>	Manual / PLC/Control Panel					
<b>Motor(KW)</b>	7.5 kw	11 kw	30 kw	50 kw	60 kw	75 kw
<b>Mounting Type</b>	Skid / Trolley					
<b>Material</b>	Mild Steel / SS304					
<b>Water Tank</b>	500 Ltr	1000 Ltr	1500 Ltr	2000 Ltr	3000 Ltr	5000 Ltr
<b>Water Motor Pump</b>	1.5hp / CRI / Lubi	2 hp / CRI / Lubi	3 hp / CRI / Lubi	5hp / CRI / Lubi	7.5hp / CRI / Lubi	7.5 hp / CRI / Lubi
<b>Control Panel</b>	Schneider / Siemens / L&T					
<b>Nozzle</b>	12 Nos	36 Nos	54 Nos	80 Nos	110 Nos	130 Nos
<b>Fan Blade</b>	6 Nos	6 Nos	8 Nos	10 Nos	12 Nos	16 Nos
<b>Trolley Mounted</b>	4 Nos wheel					

## WHAT DO WE OFFER

We offer state of the art services and industrial products. Feel free to contact us on our social media handles and on our website.

## HOW TO REACH

1. Jnpt port - 35 km
2. Sahar Air Cargo - 20Km
3. Railway station - 5Km
4. Vasai Highway - 200m





Contact us

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# OUR CLIENTS

