

# High Tower Cooling Fog Cannon for Dust Suppression

This spray cannon is designed for disinfection and dust control in the air. It helps to control dust effectively, improving the surrounding environment.



## ADDITIONAL IMAGES



## Overview

### High-Performance Dust Suppression Solution

This high-tower cooling fog cannon is engineered for large-scale industrial dust suppression and temperature management. Designed for demanding environments like coal yards, power plants, and steel works, it delivers a powerful 120-meter spray range to ensure comprehensive coverage. With advanced control options and robust construction, it provides reliable, continuous operation in harsh conditions.

## Performance Metrics

### Key Performance Metrics

**120 m**

Spray Range

**12 m<sup>3</sup>/h**

Water Consumption

**85 dB**

Noise Level (at 20m)

## Technical Specifications

### Power Requirements

Component	Power
Total Power	67.5 kW
Fan Power	55 kW
Water Pump Power	11 kW

### Dimensions and Weight

3100 x 1700 x 2500 mm, 2700 kg

## Operational Details

### Spray Geometry

- Turning degree:  $\pm 180^\circ$
- Pitching degree: Up  $50^\circ$  / Down  $-10^\circ$
- Water mist particle diameter: 20-200 $\mu\text{m}$
- Nozzles quantity: 100pcs

### Control Methods

Remote Controller, Touch Panel

## Environmental & Electrical

### Operating Conditions

- IP Grade: IP55
- Operating Temperature: 0-50 $^\circ\text{C}$  (Optional heater available for -30-50 $^\circ\text{C}$ )
- Water Pump Pressure: 1.5-2 MPa

### Power Supply

AC/3-phase/375V-415V/50HZ