

ENVIRONMENTAL INFORMATICS AND COMPLIANCES (EINC)

Mist system for suppression of dust/smog

Sustainable Solutions. Expert Guidance.



eincdelhi.in | Product Details [MODEL-MS-2000]

WHY CHOOSE EINC?

AIM & PURPOSE



Navigating pollution control laws to provide complete industrial services and solutions.



Ensuring environmental audit requirements and verification.

WHY CHOOSE US?



Founded by Expertise:

Led by former senior engineers from CPCB & DPCC.



Expert Team:

Dedicated environmental professionals.



Comprehensive Services:

End-to-end industrial solutions.



Regulatory Expertise:

Expert navigation of CPCB and DPCC directives.



Sustainability Focus:

Maximum areal coverage achieved with minimal water and power consumption.
RO-integrated feed water ensures zero-downtime operations.

OUR VISION



Comprehensive Services:

End-to-end industrial solutions.

"The environment is where we all meet; where all have a mutual interest; it is the one thing all of us share. 🌍"

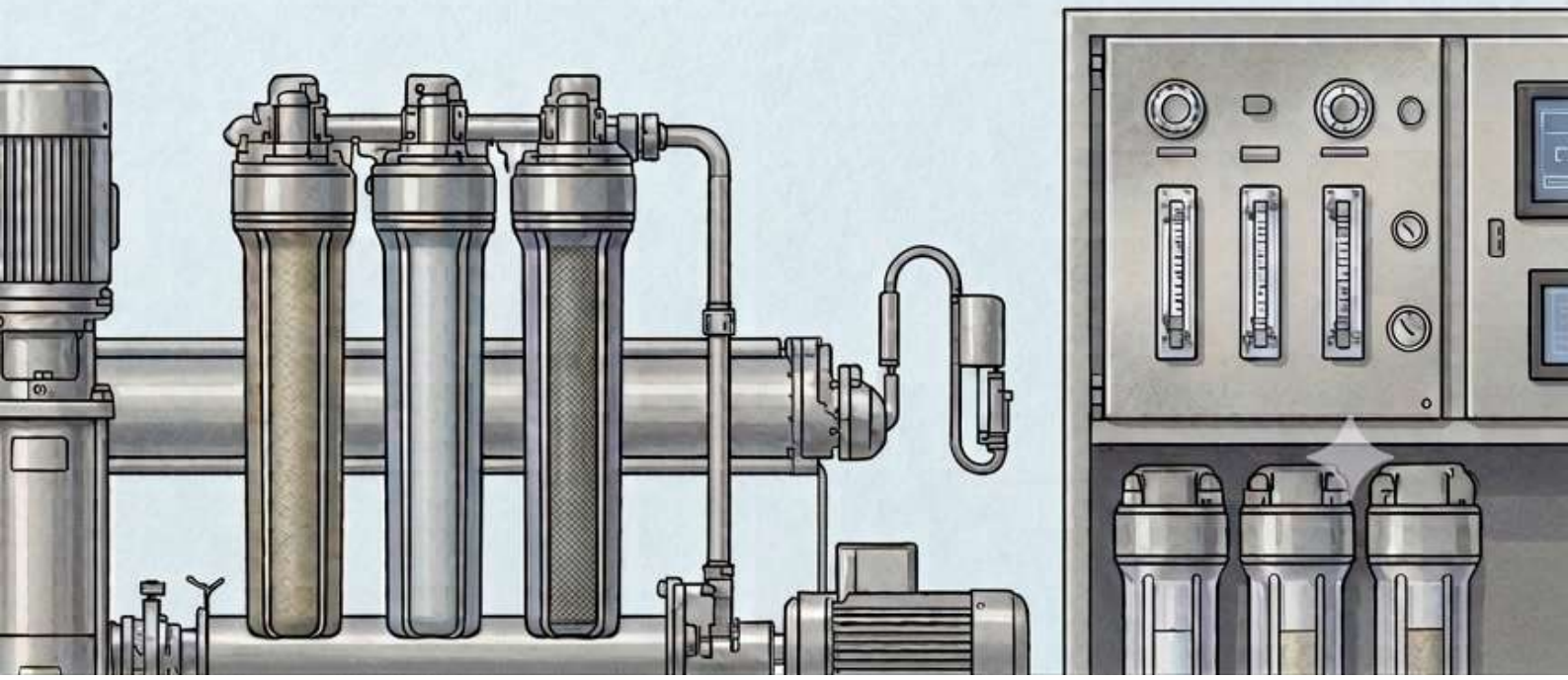
REGULATORY FRAMEWORK & COMPLIANCE

In accordance with the GNCTD notification (Dated: 23.06.2026), the installation of mist systems is mandatory for:

- **All commercial high-rise buildings** having a built-up area exceeding 3,000 sq. m, including malls, hotels, office buildings, and other institutional buildings of height G+5 and above, shall mandatorily install anti-smog gun guns or mist systems within their premises.
- **Under-construction sites** with a plot area exceeding 1,000 sq. m, ensuring effective dust suppression during the construction phase.
- **Operational Mandate:** Systems must remain operational throughout the year, excluding the monsoon and peak summer periods (1st May to 15th September). Installations must be completed on or before 15th August.
- Delhi Pollution Control Committee (DPCC), Municipal Corporation of Delhi (MCD), New Delhi Municipal Council (NDMC), and Delhi Development (DDA) Have been mandated to ensure compliances

Technical Specifications

Parameter	System Specification
Designed Coverage Length	550 meters
Total Number of Poles	14 Poles
Pole-to-Pole Spacing	30 meters
Nozzles per Pole	30 Units
Total Misting Nozzles	420 Units (10-micron droplet size)
Flow Rate per Nozzle	2.8 LPH
Total System Water Flow	1,176 LPH (19.6 LPM)
Misting Pump Rating	5 HP (3.5 kW Power Consumption)
RO Plant Capacity	2,000 LPH Output (Thin-Film Composite membrane)
Target Permeate Quality	≤ 50 PPM TDS (Prevents scaling and clogging)
Structural Material	Corrosion-resistant Stainless Steel
Automation	low/high-pressure safety switches, digital flow meters, and pressure gauges



Bill of Materials (BOQ)



**Raw Water
Storage Tank:** 1 Unit
(3,000 Liters capacity)



Industrial RO Plant:
1 Unit (2,000 LPH output,
Thin-Film Composite
membrane)



**Treated Water
Storage Tank:** 1 Unit
(3,000 Liters capacity)



Mist Distribution Grid
Complete 550-meter network
consisting of 14 poles, 420 micro-
nozzles, high-pressure HDPE,
fittings, and an automated
electrical command panel.



Breakup of Components



**High-Pressure
Pump**



Filters



Flow Meters



**Pressure
Gauges**



Nozzles

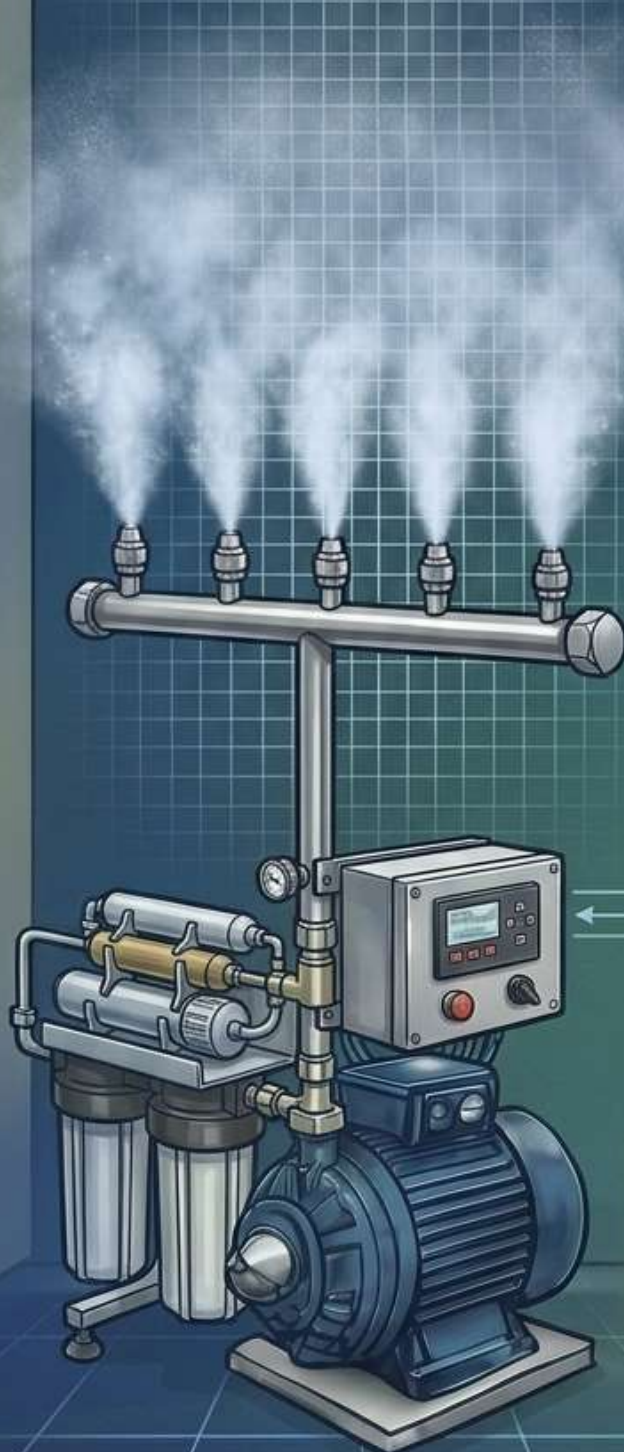
All drawings are conceptual and subject to change.

Advanced Optional Features

PM 2.5 & PM 10
sensor



IoT Dashboard
Integration



Contact Us

ENVIRONMENTAL INFORMATICS AND COMPLAINTS

Partner with EINC to simplify your environmental compliance workflow and demonstrate your commitment to a cleaner planet.

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