

EM-SC Series – Electronic Oil Mist Collector with Auto-Cleaning Function



The EM-SC Series of electronic mist collectors is the most innovative and technologically advanced series of mist collectors and comes with Self Cleaning System.

Primarily used for oil mist collection, this electrostatic method is over 99% efficient in trapping electronically charged mist particles. By utilizing tungsten electrode technology, the EM series showcases superb durability.

This, along with the elimination of filters and the clogging associated with them, not only provides a reduction in maintenance and operational costs, but keeps this design environmentally friendly as well.



Cleaning



Electrical



Oil mist / Water
soluble mist



Max. airflow



Premium
efficiency motor

Features:

Clean electrodes without washing with water or detergent. Equipped with auto self-cleaning function. Top of the line in the electric collection -mist collectors.

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- Equipped with auto self-cleaning function
- Top of the line in the electric collection -mist collectors
- The electronic trapping method keeps filter costs at zero
- Zero Filter waste and No Filter to Clog
- High efficiency greater than 99%
- For oil/water soluble mist collection



Automatic Self-Cleaning function

New mechanism without needing water, shower, detergent, and centrifugal force. Mist collection and electrode cleaning are done simultaneously and continuously.

EM-SC Series : Automatic Self-Cleaning Collecting and Charging Electrode

EM-SC Lt Series: Automatic Self-Cleaning Collecting Electrode

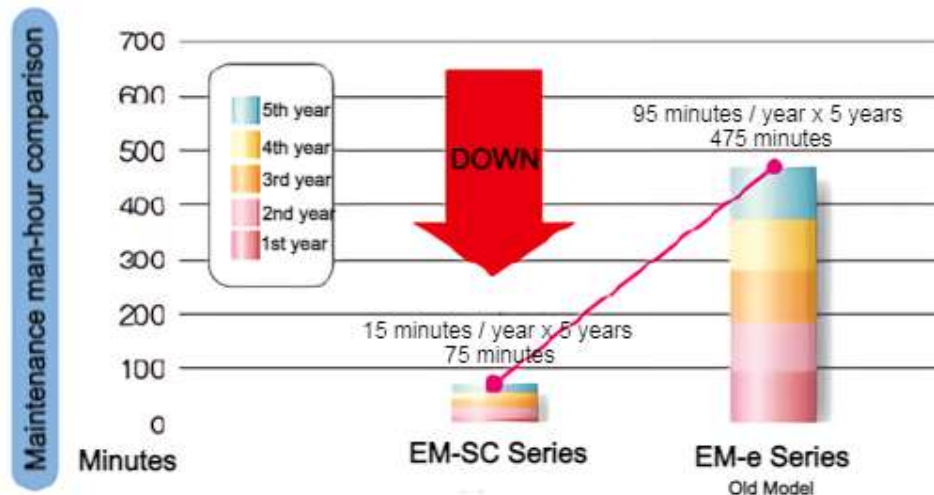


Long-lasting the Collection Performance and suction Power

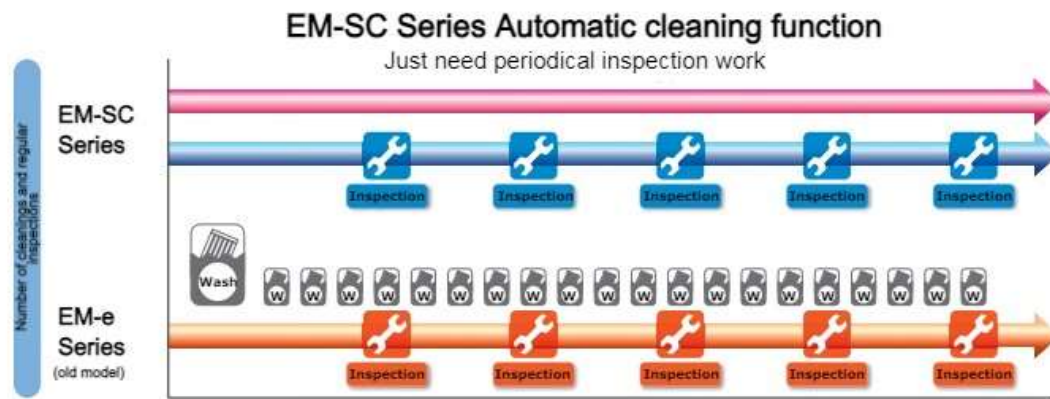
Self Cleaning Function keeps Electric filter clean and keep high mist collection performance and suction power.



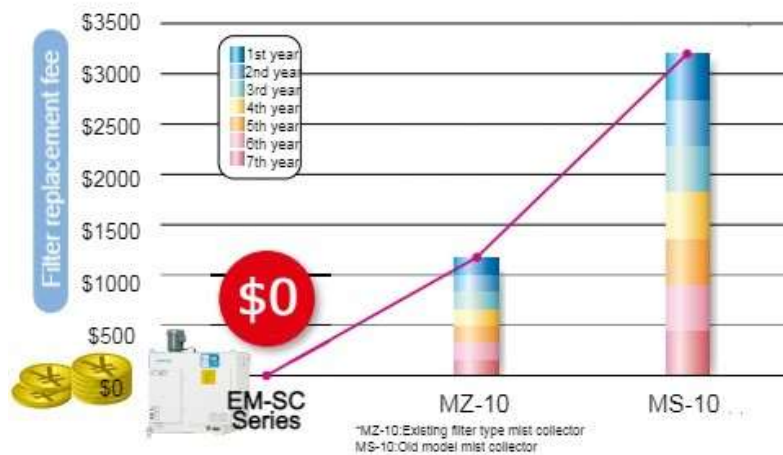
Dramatically reduces maintenance man-hours



Dramatically reduces electrode cleaning works



Dramatically reduces filter replacement cost.



Internal Structure

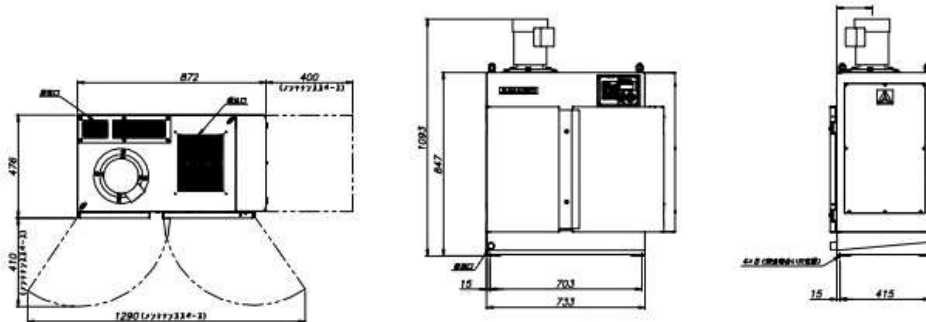


Sample Installation



External View

Sample EM-15SC (Unit:mm)



Specification

| Particular | Unit | EM-8SC | EM-15SC | EM-30SC |
|----------------------|---------------------|--------------|--------------|---------------|
| Power Supply | Volt | 220 | 220 | 220 |
| Frequency | Hz | 60 | 60 | 60 |
| Phase | | 3P | 3P | 3P |
| Output | kw/hp | 0.4/0.5 | 0.75/1.0 | 1.5/2.0 |
| Max Airflow | m ³ /min | 8.0 | 15.0 | 30.0 |
| Max. Static Pressure | kPa | 0.5 | 0.5 | 0.5 |
| Suction Port Ø | mm | 150.0 | 200.0 | 250.0 |
| Dimension (W x H) | mm | 702x476x1081 | 872x476x1093 | 1310x476x1197 |
| Weight | kg | 84 | 105 | 135 |