

COMPARISION OF SPRAY, MIST AND FOG SYSTEM

Particular	SPRAY	MIST	FOG
System	Electromechanical Pumping System	Electromechanical Pumping System	Ultrasonic fog Generator
Sophistication of System Suitable	Primitive (Agro & Workers)	Average Factory Workers/Outdoors	Truly Engineered Solution Offices, Malls, Hospitals etc.
Disinfectant Delivery System	Garden Hose & Sprinkler	Pump & fine nozzle Spraying liquid	Disinfectant fog generator with induced draft
Effect of Sanitation solution on human body	Leaves solution on body affects color of clothes	Leaves solution on body in fine particle affects color of clothes	Leaves no trace of evaporates no adverse effect at all.
Disinfectant consumption & average cost/Person	15-16 liters/ Hour 1.5- 2 INR/ Person	8-10 liters/ Hour 1 INR/Person	4-5 liters/Hour 0.30 to 0.50 INR/Person
Operation	Needs confined space	Needs confined space or Tunnel	Confined space is better however it can be operated in any closed room
Use Disinfectant Drain	Drain is Required	Needs drain for water collection	Drain is not required
Overall Cost	Low CAPEX but high OPEX	Medium CAPEX & Medium OPEX	Little above average CAPEX but low OPEX
Aesthetics	Poor Aesthetic	Medium Good Aesthetic	Excellent Aesthetic
Environment Friendly	Non environment friendly	Non environment friendly	Environment friendly