The Royal Filtermist FX Series is the ninth generation of Filtermist. FX Models incorporate a number of design improvements over previous versions to provide the most advanced and effective system available for the removal of mist and smoke.

- **Compact design** and reduced weight provide greater mounting flexibility.
- **Energy-efficient IE3 three-phase motor** meets all federal, state, and local electrical and safety codes.
- **Oil return channel** has been enlarged, enabling unit to process a greater volume of liquid.
- **Exceptional vibration control** through dynamic balancing, uniform mass distribution, and neoprene isolators separating the motor/drum assembly from the housing.
- **Gap between drum and housing** has been optimized for maximum filtration efficiency.
- **Curved drum vanes** improve airflow.
- **Conical air deflector** positioned at intake accurately controls airflow within unit.
- **Air flow** is automatically regulated as machine doors close to keep the correct negative pressure inside the enclosure. No need to adjust drum speed.