

# Overhead Ionizers

## Application :

Process Tools / Assembly Workstations



	3820 2 FANS	3830 3 FANS	3920 2 FANS	3930 3 FANS	3904 4 FANS
<b>Ion Emission</b>	Steady State DC (Corestat Auto balance)	Steady State DC (Corestat Auto balance)	Steady State DC (Corestat Auto balance)	Steady State DC (Corestat Auto balance)	Steady State DC (Corestat Auto balance)
<b>Balance / Decay (1000~100V)</b>	±10V / < 1s @ 450mm (at High Fan Speed)	±5V / / < 1s@ 450mm (at High Fan Speed)	±10V / <6s@1200mm (at High Fan Speed)	±5V / <5ss@1200mm (at High Fan Speed)	±5V / <5s@1200mm (at High Fan Speed)
<b>Dimensions (without bracket)</b>	680W x 118H x 180D mm	1000W x 118H x 180D mm	680W x 118H x 180D mm	1000W x 118H x 180D mm	1200W x 118H x 180D mm
<b>Airflow</b>	100~150 cfm (3 Speed)	100~150 cfm (3 Speed)	100~165 cfm (3 Speed)	100~165 cfm (3 Speed)	100~165 cfm (3 Speed)
<b>Emitter Point Material</b>	Tungsten (99.99%)	Tungsten (99.99%)	Tungsten (99.99%)	Tungsten (99.99%)	Tungsten (99.99%)
<b>Daisy Chain AC Power Distribution</b>	YES	YES	NO	NO	NO
<b>Alarm</b>	Visual / Audio (with Auto Fan Stop when finger guard removed)	Visual / Audio (with Auto Fan Stop when finger guard removed)	Visual / Audio (with Auto Fan Stop when finger guard removed)	Visual / Audio (with Auto Fan Stop when finger guard removed)	Visual / Audio (with Auto Fan Stop when finger guard removed)
<b>FMS Connectivity</b>	YES	YES	YES	YES	YES
<b>Cleanroom Compatibility</b>	ISO Class 5	ISO Class 5	ISO Class 5	ISO Class 5	ISO Class 5
<b>Auto Clean</b>	Optional (cleans during ON/OFF) – #3820E	Optional (cleans during ON/OFF) – #3830E	Optional (cleans during ON/OFF) – #3920E	Optional (cleans during ON/OFF) – #3930E	Optional (cleans during ON/OFF) – #3940E
<b>LED Light</b> All Ionizers have RoHS & CE Certifications	Optional - #3820L (#3820EL – with auto clean and LED light)	Optional - #3830L (#3830EL – with auto clean and LED light)	Optional - #3920L (#3920EL – with auto clean and LED light)	Optional - #3930L (#3930EL – with auto clean and LED light)	Optional - #3940L (#3940EL – with auto clean and LED light)