

## Sterionizer™ Technical Overview

Type	D5 - IS1-12D5-S1	D6 - IG3-025V-C33
Ion output	10 <sup>10</sup> ion/sec	10 <sup>12</sup> ion/sec
Power supply	12V DC ±10%, 30mA	12/24V DC/AC ±10%, 200mA
Emitter cleaning	Manual	Self-cleaning
Operation environment	Temp. -10°C - 70°C / RH 20% - 93%*	
Recommended area **	< 50m <sup>2</sup>	< 200m <sup>2</sup>
Recommended airflow	up to 1000m <sup>3</sup> /h	up to 6000m <sup>3</sup> /h
Ambient airflow at ionizer	> 0.3 m/s	> 0.5 m/s
Estimated lifetime	> 5 years***	> 8 years***
Recommended distance from the air outlet in a duct system	< 20 cm	< 15 m
Recommended Ion concentration in populated areas	1500 to 30000 ion/cm <sup>3</sup>	

\* non-condensing

\*\* at a ceiling height of approx. 3m

\*\*\* dependent on environmental conditions

**D5**



**D6**

