



Far-UV use in HVAC systems is now recognized as an important contributor to improved indoor air quality, biofilm control, energy savings, and maintenance reductions in commercial, residential, health care and other environments. The GermBuster Air Duct delivers the highest UV output, driving HVAC efficiency while improving indoor air quality.

According to several reports and research, airborne transmission of diseases through heating and air conditioning systems may be much more common than previously thought. ASHRAE and the CDC now cite Far-UV as one of the control strategies that may help avoid transmission.

Purposely designed for maximum disinfection efficacy

- › **Utilizes Human Safe Far-UV technology** with a 30,000 hour lamp warranty.
- › **Output power, and frequent on/off cycles** does not affect lamp life.
- › **Works invisibly** within existing HVAC systems to create a safe, comfortable, germ-free indoor environment.
- › **Dry, Chemical Free** – environmentally friendly, lamps produce no ozone.
- › **Powerful air disinfection** for buildings. deactivates airborne virus and bacteria before transmission.
- › **Works 24/7** to keep air free and clear of airborne contaminants.
- › **Neutralizes and eliminates** the infectious airborne pathogens that cause respiratory illness and disease.

Cinemas | Corporate | Education | Government | Hospitality
Museums | Theme parks and indoor attractions | Retail
Sports venues | Public Transit | Houses of worship





GermBuster Air Duct 250/500w

Specifications

Physical

Lamp fixture dimensions (W x D x H)	8.5x8.5x27.25" (21.59x21.59x69.21cm)
Lamp fixture weight	6.85 lb
Lamp Length	18/23" (45.72/58.42cm)
Lamp surface area	531 cm ²
Power supply dimensions (W x D x H)	12x12x5" (30.48x30.48x12.7cm)
Power supply weight	12.55/19.2 lb
Operating temperature	40°~ +104°F (+5° ~ +40° C)
Operating humidity	10-85% RH
Mounting	In Duct
Finish color	Grey
Housing material	PVC/powder coated aluminium

Electrical

Power supply	100-270V AC 50/60 Hz
Input power consumption	250/500w

Lamp

Lamp Technology	Far-UV 222nm Excimer
Beam Angle	360°
222nm Irradiance (1.27 cm from lamp)	3150 μW/cm ² /4850 μW/cm ²
Band pass filter	Not Applicable

Warranty

Power supply warranty	1 year parts and labor
Lamp life warranty (pro-rated)	30,000 hours

