



UV BIOCLEAN UV-C Airflow Devices

AF-60



Benefits of UV BIOCLEAN UV-C Airflow Devices:

- European design: compact and attractive in any setting.
- Continuous, silent, and safe disinfection for occupied spaces.
- Made with the latest UV-C disinfection technology.
- Two mounting options: wall or stand alone.
- Adjustable speed: two airflow rates.
- Lab tests* prove high rate of pathogen inactivation.
- Ozone-free and environmentally friendly.
- High power 60W UV-C bulb.
- Input voltage: 120-277 V.

* see pages 2 and 3



www.uvbioclean.com



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UV BIOCLEAN

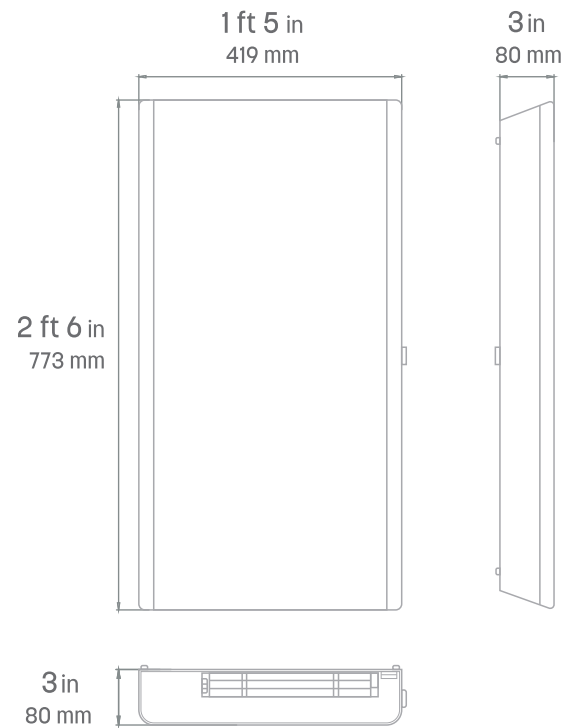
UV-C Airflow Devices

AF-60

UV-C Airflow
Devices

Specifications

	Material	Aluminum construction. Aluminum housing covered with high-quality powder coating.
	Finish color	White RAL 9016 (option: custom color)
	Location	All kind of walls or stand alone
	Dimensions (HxWxD)	2ft 6in x 1ft 5in x 3in (773 x 419 x 80 mm)
	Fluorescent tube	Philips UV-C PL-L 60W
	Fluorescent tube lifespan	9 000 h
	Fixture power	65 W
	Voltage	110-277 V
	Electrical connection	Hardwire (option: cord with plug)
	Weight	15 lbs (6.8 kg)
	Protection class	IP20
	Ozone safety	Ozone-free
	Safety	Allows for disinfection of air in occupied indoor spaces.
	Flow through the device	150 m ³ /h (88 CFM)
	Noise level	36-49 dB
	Operation	- ON/OFF switch - LED indicator - Two airflow rates
	Shelly Cloud - WiFi-operated Relay Switch	(option) Allows for wireless control of fixture with easy-to-use phone app.



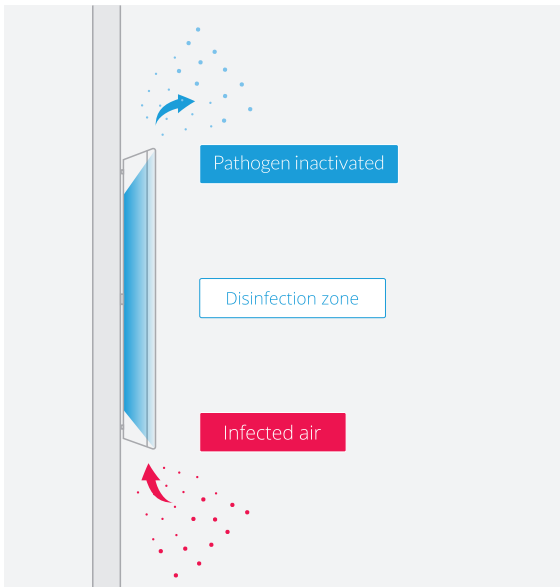
15 lbs Weight	6.8 kg Weight	2ft 6in Height	1ft 5in Width	3in Depth
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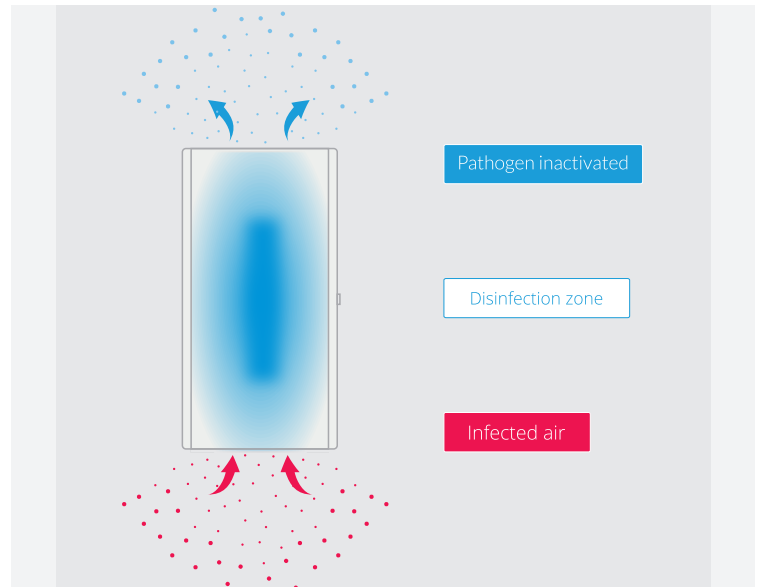
AF-60

UV-C Airflow
Devices

Side view



Front view



Assessment of AF-60 efficacy tested by the Institute of Agricultural and Food Biotechnology/State Research Institute, Food Quality Department, Lodz, Poland

Type of analysis	Analytical method	Results	
<p>Microbial parameters</p> <p>Testing of the level of air pollution during the operation of the purifier in a room of 30 m² (323 ft²) the environmental conditions in the room; temperature: 24.4°C, relative humidity: 48%</p> <ul style="list-style-type: none"> - Total Viable Count at time 0 - Total Viable Count after 2 hours - Total Viable Count after 6 hours - Total Viable Count after 20 hours - Total Yeast and Mold Counts at time 0 - Total Yeast and Mold Counts after 2 hours - Total Yeast and Mold Counts after 6 hours - Total Yeast and Mold Counts after 20 hours 	<p>Own methodology using a microbiological air sampler MAS-100 ECO™ Manual MAS-100 ECO™</p>	<p>*[cfu/l m³]</p> <p>224</p> <p>51</p> <p>28</p> <p>4</p> <p>219</p> <p>97</p> <p>78</p> <p>35</p>	<p>Microorganism reduction</p> <p>-</p> <p>R_{2h} = 77.23 %</p> <p>R_{6h} = 87.50 %</p> <p>R_{20h} = 98.21 %</p> <p>-</p> <p>R_{2h} = 55.71 %</p> <p>R_{6h} = 64.38 %</p> <p>R_{20h} = 84.02 %</p>

* The results are the average number of microorganisms from two measurements

