

## AiroDoctor V10P-ID In-Duct Antiviral Antibacterial Filter

Patented fanless UV-A LED photocatalytic purifier for air ducts

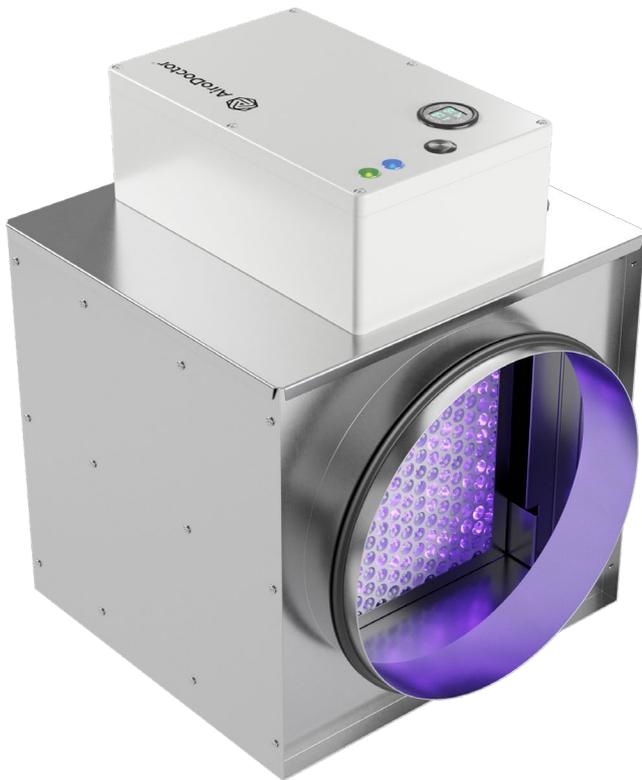


SPECIFICATIONS	V10P-ID
<b>Art. No.</b>	V10P-ID-250
<b>Use case</b>	In-line air purifier module for integration into HVAC system air ducts
<b>Purification technology</b>	UV-A LED Photocatalysis (wavelength 385nm) + Titanium dioxide (TiO <sub>2</sub> )
<b>Filter scope of application</b>	Designed for non-aggressive gases in dust-filtered air
<b>Operation range / Max. Air flow speed</b>	<b>1 filter</b> 4,7 m/s (15.4 ft/s) 1.057m <sup>3</sup> /h   <b>2 filters</b> 7,2 m/s (23.6 ft/s) 1.620m <sup>3</sup> /h
<b>Operating temperature</b>	0 - 50 °C   32 - 122 °F
<b>Pressure loss</b>	<b>1 filter</b> 20 Pa   <b>2 filters</b> 40 Pa
<b>Noise</b>	0 dB (passive)
<b>Dimensions L×W×H (mm / inch)</b>	294 x 280 x 294 / 11.6 x 11 x 11.6 (excl. ControlBox and duct conn. flange)
<b>Weight (kg / lbs)</b>	7,0 / 15.43
<b>Installation and duct size</b>	In-Line - Customizable to any duct size, circular or rectangular
<b>Control unit</b>	<b>ControBox V10</b>
<b>Art. No.</b>	CB-230/12-V10
<b>Dimensions L×W×H (mm / inch)</b>	250 × 160 × 94 / 9.84 x 6.29 x 3.7
<b>Protection class</b>	IP 65
<b>Connection</b>	On-site via device connection RST 16/3
<b>Voltage</b>	230 V AC - 50 Hz
<b>Load current</b>	0,2 A (1 filter) / 0,3 A (2 filter)
<b>Power</b>	40 W (1 filter) / 60 W (2 filter)
<b>Airflow sensor to activate the filter</b>	The filter will automatically activate if differential pressure is >= 20 Pa
<b>Voltage photocatalysis module</b>	12 V DC
<b>Unit status indicator</b>	Unit ready for operation = green LED
<b>Status indicator</b>	Photocatalysis filter activated = blue LED
<b>Checking photocatalysis module</b>	Press the button on the control box to check the filter absorption in real time (12 V; 4.5 A). Lower values than those indicated would mean that some of the filter LEDs are malfunctioning.

# AiroDoctor V10P-ID

## In-Duct Photocatalytic Filter

Antiviral and antibacterial ventilation system with patented UV-A LED photocatalytic filter



### Imprint

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Virus &  
Bacteria



Allergens &  
Fine Dust



Gases &  
Odors



A report issued by experts of the Charité Institute in Berlin recommends AiroDoctor's

technology in daycare facilities and schools. Tests show that no harmful by-products are generated by the patented photocatalytic filter.



Find out more at:

[airodoctor.com/resources](http://airodoctor.com/resources)