

PurAire MiniPro-1^{BS}

Bipolar Ionizer for Guest Rooms, Toilets, Clinics

Treatment Area 20 - 40 SqM



SPECIFICATIONS

Product information

Air volume	80m ³ /h
Application area	20~40m ²
Shell material	Aluminum alloy
Weight	1.4 kg
Product size	180*100*240 mm
Noise	≤50 dB
Filter type	Primary filter or HEPA

Electrical

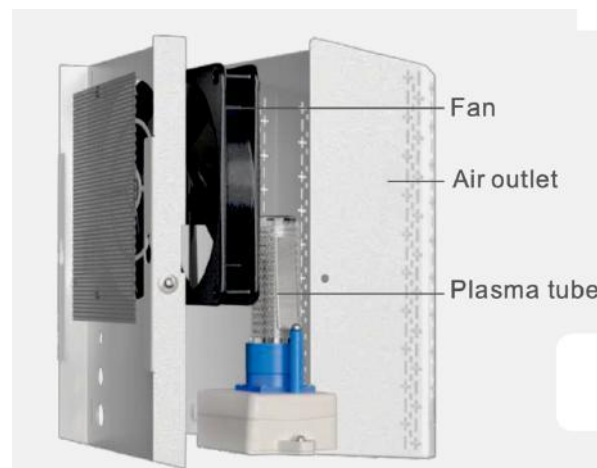
Rated Voltage	12V DC
Power	7 W

Ionization Tube

Quantity	1 pcs
Size	80 mm
Estimated Tube Life	17000 Hours



Front View



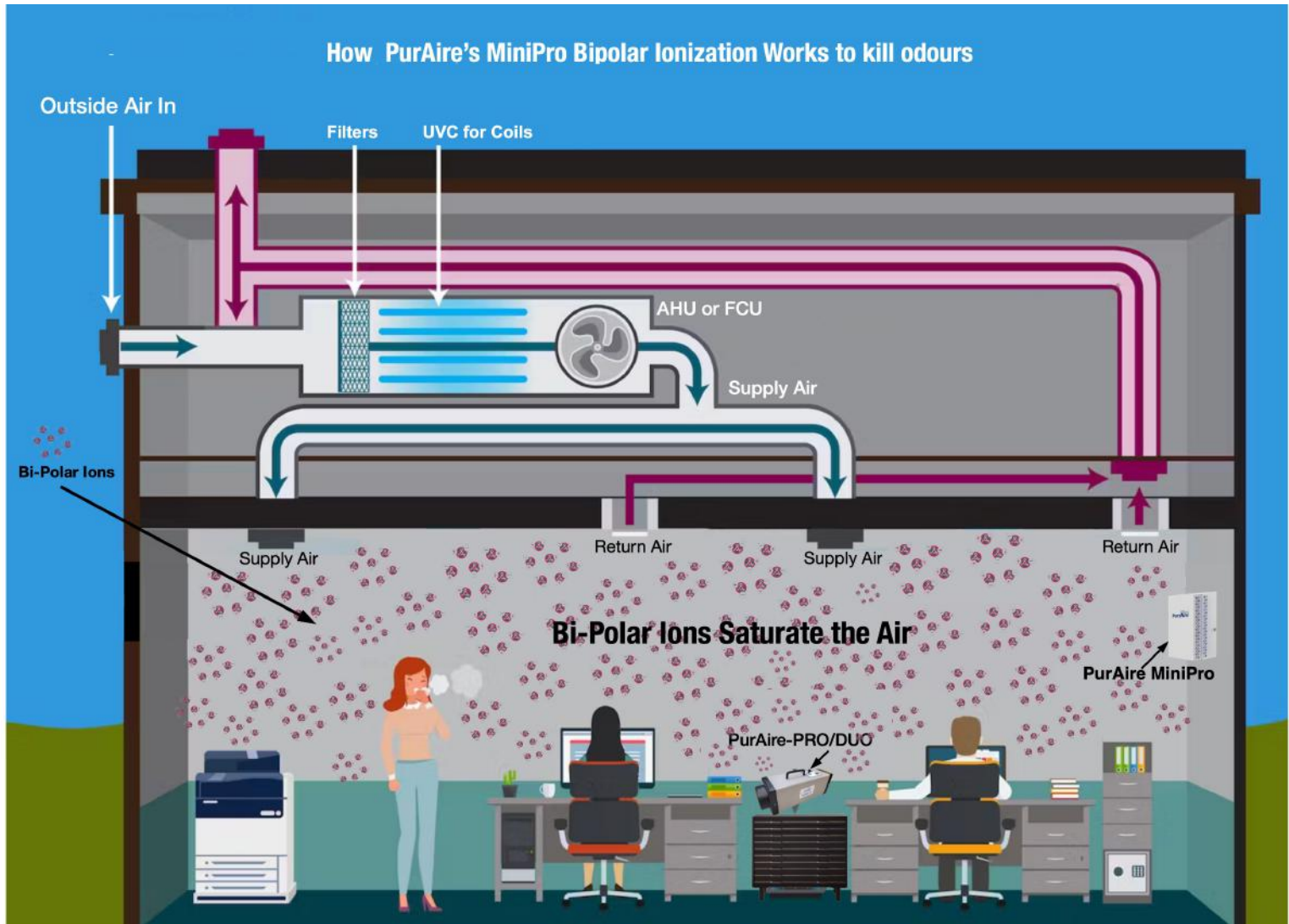
Exploded View

With Odours, Viruses like Covid-19, Toilet and Tobacco smoke smells floating in your air, it is important to be able to neutralize and eliminate these contaminants in your hotel guest room, clinic, office, or toilets.

The PurAire MiniPro-1's Bipolar Ionization unit is designed to be wall mounted in your toilet, clinic or guest room to quietly eliminate those odours, viruses, germs, and bacteria, protecting you and your guests from unpleasant odours and disease.

The airflow through the HEPA filter and over the ionization tube produces powerful bipolar oxygen ions that flow into the space and saturate the indoor space with the ions providing constant and effective purification. The MiniPro-1 provides continuous disinfection to "actively" sanitize and deodorize the indoor air wherever it is installed.

How PurAire's Bipolar Ionization works to Eliminate Odours, Tobacco Smells, Mould, Mildew, VOC's and Deactivate Viruses (including Covid-19)



Covid-19, Flu, Viruses, Odours, VOC's Mould and Mildew smells are spread throughout your room by clinging on to tiny aerosol droplets. These droplets float around for 5 to 10 minutes in your room at the very level that you breathe. They are not sucked back up into the aircon filters. You inhale them, and can get infected quickly, or your sense of smell detects that offensive odour.

Our Bipolar Ionization continuously saturates this indoor air with powerful positive and negative Oxygen ions created by air passing over our Dielectric Barrier Discharge (DBD) Ionization Tubes. These tubes create a powerful **Cold Plasma Corona Discharge**, ionizing the Oxygen molecules and filling your room with these ions.

These + and - charged Oxygen Ions are attracted to and bond with these viruses, mould, mildew, odours (tobacco, renovation, paint, lacquer) PM10 and PM2.5 particles where they quickly deactivate or destroy them, or cause them to agglomerate (stick together) and drop out of your breathing range.

Your air is deodorized, disinfected and restored to what we like to say is "Swiss Mountain-Top Fresh". You and your guests will smell and see the difference.