

PRODUCT SPECIFICATIONS

MODEL SG-FCU/2



SPECIFICATIONS

Product information

Adaptive air volume	3,500 CFM (6,000 m ³ /h)
Application area	200 m ²
Shell material	STAINLESS STEEL
Weight	1.2 kg
Product size	30 X 17 X12 CM
Noise	≤10 dB

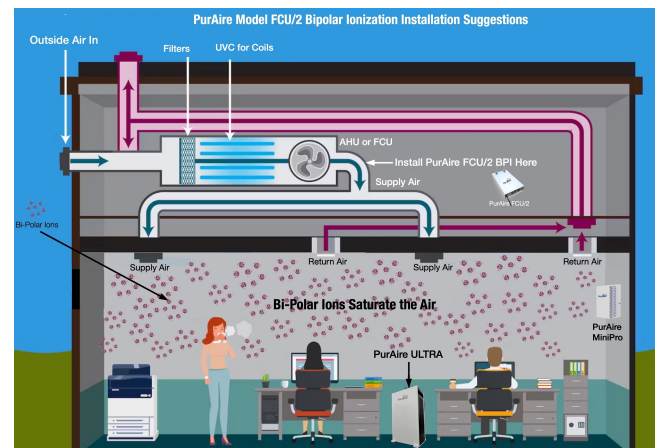
Electrical

Rated Voltage	220V AC / 240V AC
Frequency	50 / 60 Hz
Power	14 W

Internal Fuse/overload safety protection design and Power dual protection

Ionization Tube

Quantity	2 pcs
Size	80 mm
Estimated Tube Life	17000 Hours
Material	Various composite materials, stainless steel outer mesh



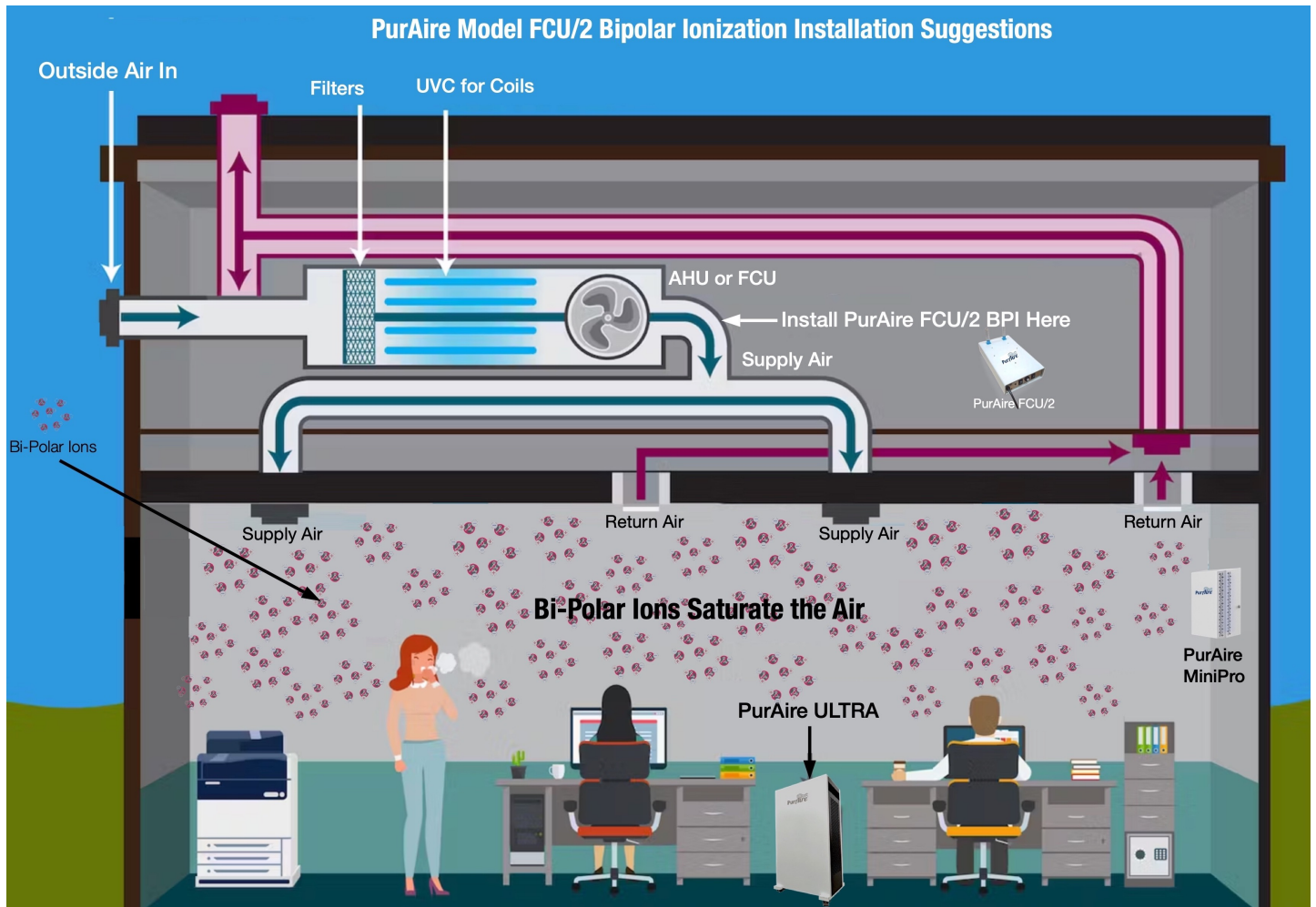
The PurAire SG-FCU/2 Bipolar Ionization unit is designed to be placed inside or mounted in the supply duct or FCU of a ventilation system. The airflow over the dual ionization tubes produces powerful bipolar oxygen ions that flow into the room and saturate the indoor space with the ions.

Odours, mould, mildew, tobacco smoke, VOC's are quickly eliminated leaving the indoor air purified and sanitized.

The SG-FCU/2 has a high/low power switch to regulate the ionization level.

The AC power to this model can be controlled by an airflow switch or simply interlocked with the FCU's power, and activated when the FCU is turned on.

Our PurAire FCU/2 AHU units use Continuous Active BiPolar Ionization to eliminate Odours, Mould, Smoke, PM2.5 particles, Viruses such as COVID and Flu, Germs and Bacteria on contact.



Scientific research has shown that tiny aerosol droplets in the air can carry odours, viruses, bacteria, germs, mould, allergens, and VOCs. These droplets can stay suspended in the air at the same level as you breathe for 5-10 minutes, which means you might breathe them in and get infected. Furthermore, unpleasant odours can be immediately detected by your sense of smell.

The PurAire FCU/2 uses BiPolar Ionisation technology, which fills your room with millions of positively and negatively charged oxygen ions. These ions attach themselves to the particles floating in the air, including germs, viruses, bacteria, odours, mould, and allergens, destroying or deactivating them instantly. This means you won't have a chance to breathe in these harmful particles.

By using PurAire's BiPolar Ionization technology, you can deodorize, disinfect, and purify the air in your room, leaving it with a refreshing "Swiss Mountain Top Fresh" scent. You and your guests will quickly notice the difference.