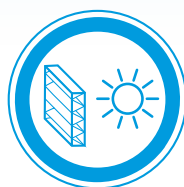


**NEW**

# UVC Air purifiers

FOR INTERNAL CONSULTATION



Helps reduce 99.97%  
of pollutants with  
UVC light



Helps reduce  
odours



Air purification  
up to 4,000 sq. ft.

**CYCLOUV**

Purify. Breathe.

# THE CYCLOVAC FAMILY IS GROWING!

An innovator for over 60 years, Trovac continues to bring you new products that draw on our expertise and the latest technologies to meet new needs and trends.

In line with our mission to make your **environment healthier**, the Cyclovac family now offers air purifiers that use ultraviolet light, a proven technology that helps reduce **99.97% of pollutants in the home**.

In today's increasingly well-insulated homes, less fresh air gets in from outside, which means bacteria can develop and circulate indoors. Air exchangers and ventilation systems just don't cut it. But when ultraviolet light is used in an air purification system, it **helps reduce microscopic particles** and provides safe, **clean air** throughout the home.



# CYCLO UV AIR PURIFIERS ARE AVAILABLE IN 4 MODELS

## Built-in models:



**UVC+AIR**



**UVC+AIR X6**

## Portable models:



**310**



**510**

## Why should you offer the Cyclo UV air purifiers to your customers:

- Diversify your current offer with a range of complementary products
- Quality products - Cyclovac brand awareness
- Popular products due to the current sanitary measures
- Benefit from the latest technology in UV air purification
- Spare parts available in inventory
- Easy to maintain and efficient
- Easy to handle and adjust
- Easy installation, either by your teams or by your DIY customers ([built-in models](#))
- Versatile: easily matched to different types of decor ([portable models](#))

# PORTABLE

## 310 Model








Purifies up to  
1,012 sq ft

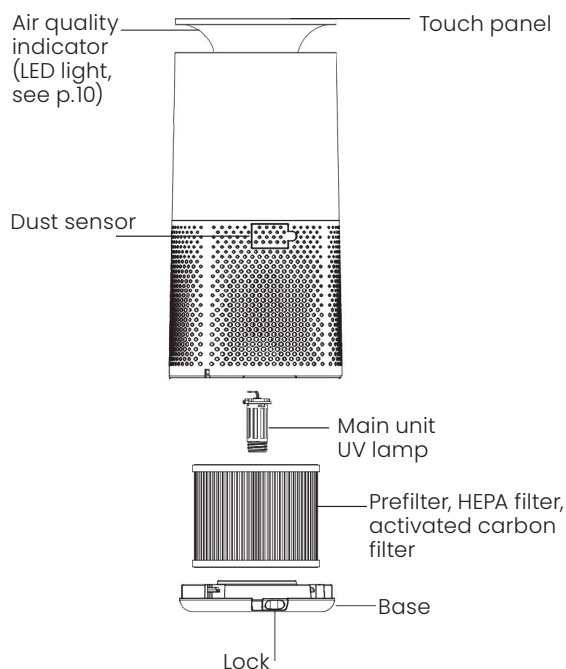
The 310 Cyclo UV air purifier is lightweight, easy to move and can be positioned on the floor or on a piece of furniture.

Touch panel • 4 manual fan levels • Turbo mode • Timed shutdown • Smart sensor to adjust the cleaning performance to the ambient air • Timer function (2,4 or 8 hours)  
• With an air flow rate up to 135 CFM • Replaceable filter with filter change indicator  
• 2 year warranty



-  POWER (ON/OFF) / FILTER RESET
-  TIMER
-  AUTO / SLEEP MODE
-  SPEED / TURBO
-  UVC / WIFI / ION

### PRODUCT STRUCTURE



### 3 STEPS OF FILTRATION INCLUDING A HEPA H13 HIGH PERFORMANCE FILTER



**+ UVC Light**  
Additional air cleaning using ultraviolet light

**Air purifier operation:** The air purifier helps reduce dust, animal hair, odours, pollen, harmful gas as well as various viruses and bacteria are filtered out using a three-layer filter system and UVC light. This process provides purification of the room in 360 degrees.

**PRODUCT CODE:** PUV310C










# 510 Model

The 510 Cyclo UV air purifier can be positioned in the room of your choice.

4 manual fan levels • Turbo mode • With automatic function to adjust the cleaning performance to the ambient air • Timer function (1-24h) • With an air flow rate up to 206 CFM • Replaceable filter with filter change indicator • Displays the timer, temperature and relative humidity • 2 year warranty

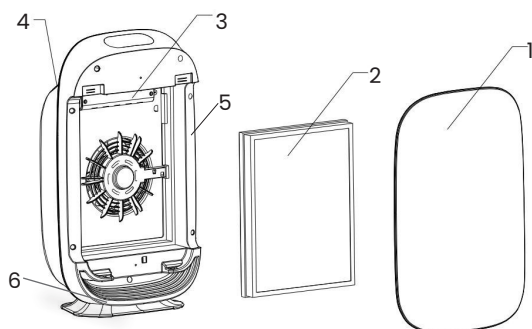


-  POWER ON
-  UV / ION
-  SLEEP MODE
-  FAN SPEED ( 4 SPEED + TURBO)
-  WIFI
-  TIMER SETTING

  
Purifies up to  
1,545 sq ft



## PRODUCT STRUCTURE



1. Front panel
2. Filter: washable prefilter, HEPA filter and activated carbon filter
3. UVC lamp
4. Air outlet
5. Dust sensor
6. Air quality indicator (LED light, see p.10)

**Air purifier operation:** The air purifier helps reduce dust, animal hair, odours, pollen, harmful gas as well as various viruses and bacteria are filtered out using a three-layer filter system and UVC light.

## 3 STEPS OF FILTRATION INCLUDING A HEPA H13 HIGH PERFORMANCE FILTER



PRODUCT CODE: PUV510C

# BUILT-IN MODELS

## UVC+AIR

### UV air purifier and system that helps reduce odors For ventilation and air-conditioning systems

The UVC+ AIR model represents the latest in UV air purification. Once installed in the return air vent or ductwork of ventilation and AC systems, the unit destroys airborne organic and chemical contaminants and uniformly cleans the air throughout the home.

With a treatment capacity of up to 2,000 square feet, this technology purifies the air fast and eliminates household odours while informing the user of the unit's status.

#### BENEFITS

- Helps reduce 99.97% of airborne pollutants
- Helps reduce household odours
- Helps prevent allergies
- Relieves asthma symptoms
- Improves sleep
- Helps reduce chemical VOCs



Purifies up to  
2,000 ft<sup>2</sup>

With a three-year warranty, the 18" high intensity lamp offers all the benefits of two lamps—for the price of one. The UVC/UVV combo helps reduce chemical VOCs, odours and organic contaminants.

#### HOW IT WORKS

Contaminated air enters the **UV air purification system** parallel to the **lamp**, increasing the amount of time it is in contact with the UV radiation.

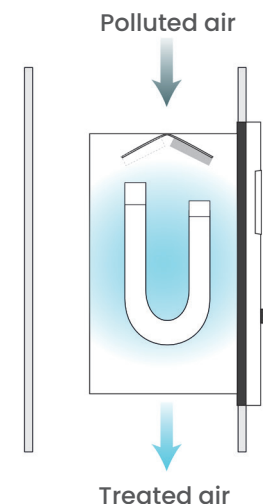
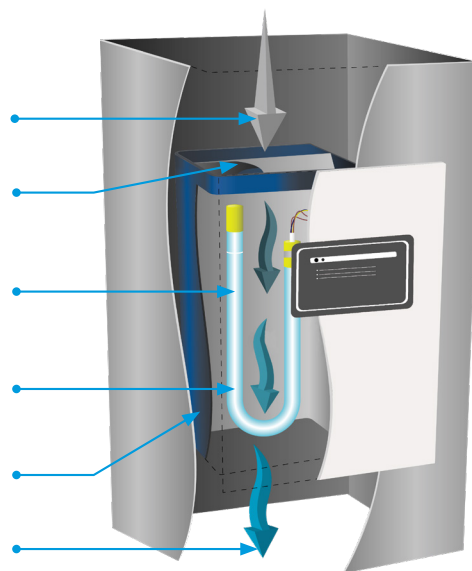
The **turbulator** mixes the air and creates an airwave around the **UV lamp**.

The **oxidizing UVV** section of the lamp, which is even more efficient thanks to the **cobalt**, helps reduce odours and chemical VOCs.

The **germicidal UVC** section then helps reduce the organic contaminants.

The **aluminum reflector chamber** concentrates the UV rays emitted by the unit to optimize the purification process.

Once treated, the air is circulated throughout the home.



PRODUCT CODE: SASRMAX

# UVC+<sup>®</sup>AIR X6



## UV air purifier for HRV/ERV systems For air exchangers

With each cycle of air, the UVC+AIR X6 unit helps reduce bacteria, viruses, and molds that contaminate the home. This unit is designed to adapt to the air exchanger and helps reduce indoor pollutants and odours.

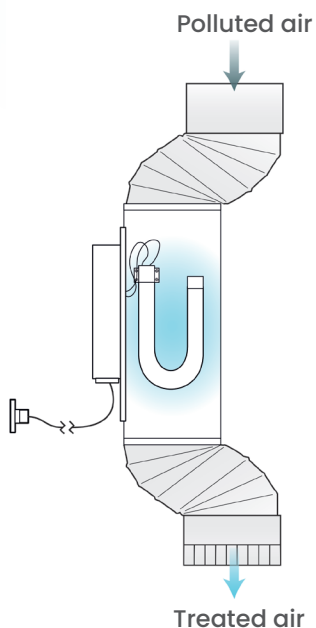
An affordable solution for people who don't have a central ventilation system.

### BENEFITS

- Helps reduce 99.97% of airborne pollutants
- Helps reduce household odours
- Helps prevent allergies
- Relieves asthma symptoms
- Improves sleep
- Easy to install and clean

### FEATURES

- High intensity lamp that emits UVC and UVV rays
- 25-watt UVC/UVV lamp
- 110V grounded power cord, 9.5-inch aluminum tube
- Access panel with four latches and external LED for lamp and ballast



### EASY TO INSTALL

In a straight duct, the unit must be laterally offset (see illustration):

- Galvanized rigid pipe: use four alternating 45-degree elbows to prevent UV radiation from reflecting directly into the core of the HRV/ERV unit.
- Flexible aluminum pipe: make sure that the configuration is similar to the one shown in the illustration.

# QUALIFY YOUR CUSTOMERS IN A FEW EASY STEPS!

## 1. Start with the following background questions:

- Do you have allergies?
- Do you have asthma?
- Do you feel stuffed up when you get up in the morning?
- Are you concerned about bacteria spreading in your home?
- Are you concerned about the air quality in your home?
- Is your family's health important to you?

## 2. Check that they qualify for an air treatment system (for built-in models):

- What type of home do you live in?
- What kind of heating system do you have?
- What type of ventilation/AC system do you have?
  - Do you clean it regularly?

## 3. Give them a few scientific facts\*:

- Household air quality is the source of many health problems.
- Modern homes are so well insulated that fresh outdoor air can't get in and pollutants get trapped inside.
- Conventional air exchangers and ventilation systems recirculate pollutants (allergens, viruses, bacteria, molds, chemicals, volatile chemical compounds, smoke, and smells).
- Pollutant particles are so small that they pass through the filters of filtration systems.
- The particles stick to the ducts, which get damp when air is condensed to dehumidify the house, causing mold to grow. Mold particles eventually detach from the duct and get into the air supply.

\* Sources: Association pulmonaire du Canada, Institut national de santé publique du Québec (<https://www.inspq.qc.ca/publications/490>) American Lung Association, American College of Allergies



#### 4. Talk about the technology that helps improve in-home air quality – ultraviolet (UV) treatments:

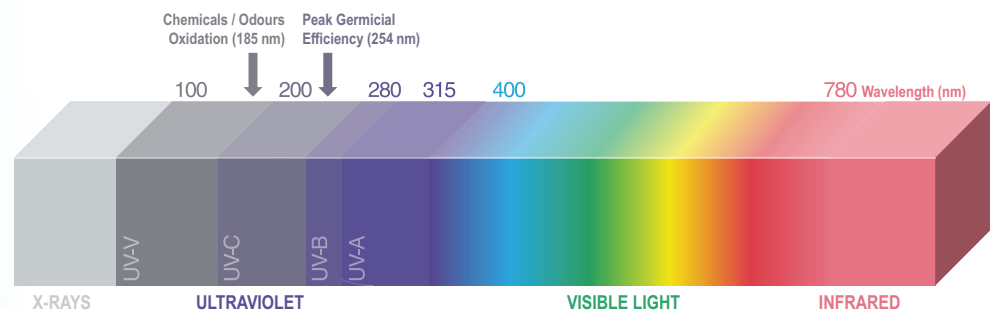
- Multiple studies show that UV rays help reduce pollutants by up to 99.97%.\*
- Shortwave UV rays are absorbed by the DNA of microorganisms and help reduce various viruses and bacteria.
- There are several types of UV light. UVC rays have the shortest wavelengths (190 to 290 nm) and are safe for humans.
- UVA and UVB rays have longer wavelengths (315 to 400 nm), making them less effective against bacteria and more harmful to humans. \*\*

**Unlike conventional UV air purifiers on the market, the Cyclo UV purifiers use UVC ultraviolet rays which deactivate and destroy contaminants.**

\*Duke University Medical Center, 2012 study, The Journal of Applied and Environmental Biology, 2001

\*\*Researchers studying ultraviolet technology to dampen virus | Pittsburgh Post-Gazette (09/04/2020), <https://www.sciencedaily.com/releases/2020/04/200414173251.htm>

#### 5. Show the UV spectrum diagram



**THE SOLUTION :** An UV air purifier is the most effective solution for clean, breathable air.

# PRODUCT FEATURES

## PORTABLE MODELS (310-510)



- **Tuya Smart app**  
(available on Apple Store and Google Play)  
Convenient control and monitoring of ambient air both at home and on the go with the Tuya Smart app.



- **UVC Light**  
Additional air cleaning using a ultraviolet light.



- **Night mode**  
With night mode: ultra-quiet operation and dimmable operating panel.



- **PM Sensor**  
PM 2.5 sensor – recognizes particles up to 2.5  $\mu\text{m}$  in size.



- **Ionization**  
More than 3 million / cc of negative ion power.



- **HEPA H13 filter**  
High efficiency air particle filter: this filter helps reduce dust, smoke, pollen and other allergens in the air. It helps reduce 99.97% of particles.


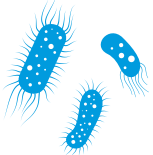
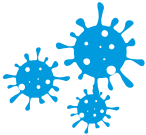







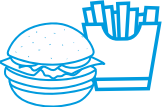



- **Air quality indicator**  
With 4 colors changing according to the current air quality (LED light).

### AIR QUALITY INDICATOR

Red	→	Heavily Polluted, PM 2.5 = $\geq 150$
Orange	→	Lightly polluted, PM 2.5 = 100-149,9
Yellow	→	Moderate, PM 2.5 = 50-99,9
Blue	→	Good, PM 2.5 = 0-49,9

## EFFECTIVE AGAINST

			
Airbornes particles	Bacteria	Viruses	Mold
			
Chemical products	Allergens	Animal smells	Mites
			
Stubborn odours	Bathroom smells	Food and cooking smells	Cigarette smells

## SPARE PARTS

**Portable models :** The UV lamp has a lifespan of 20,000 hours (approximately 2 years). It is recommended to change the filters every 6 months.

**Built-in models :** The UV lamp has a lifespan of 26,304 hours (approximately 3 years).

Model	Product code	Description	MSRP
<b>Portable models</b> 310 510	PUV310FILT	310 filter	\$ 34.95
	PUV510FILT	510 filter	\$ 59.95
	PUV310UVLAMP	310 UV light	\$ 9.95
	PUV510UVLAMP	510 UV light	\$ 17.95
<b>Built-in models</b> UVC+AIR UVC+AIR X6	SASRMXLAMP	UVC+AIR UV light	\$ 199.00
	SAHRV6GXLAMP	UVC+AIR X6 UV light	\$ 219.95

If you have any questions, contact  
your sales representative at **1 888 292-5682**  
or visit **cyclouv.com**

