



There is nothing more important than the air we breathe.

## ZEPHYR AIR PURIFIER | SF-2124C



LIKE A SOFT GENTLE BREEZE, THE ZEPHYR COMBINES UVC GERMICIDAL ULTRAVIOLET LIGHT WITH PHOTO-CATALYTIC OXIDATION TO PROVIDE CLEAN PURIFIED AIR.

Second Wind is pleased to offer the SF-1082 SIPT, a lamp that introduces safe levels of singlet oxygen to indoor air. This option provides a characteristic smell when reducing odors in unison with the PCO module. It can be ordered for existing installations or new purchases as an add-on option.

### LIGHTWEIGHT DESIGN ALLOWS FOR EASY DUCT OR DUCTBOARD INSTALLATION



**Ballast Diagnostic Information** indicates low voltage, high voltage, lamp expired, bad lamp, no power or replace ballast and normal operation.

SECOND WIND AIR PURIFIERS USE ULTRAVIOLET LIGHT AND A PHOTO-CATALYTIC PROCESS TO REDUCE MOLD, VIRUSES, BACTERIA AND DECREASE VOLATILE ORGANIC COMPOUNDS IN YOUR INDOOR ENVIRONMENT.

IT'S A FANCY WAY OF SAYING THAT OUR PURIFIERS RETURN AIR TO THE WAY IT SHOULD BE: CLEAN.



UV LIGHT SHINES ON PHOTO-CATALYST [TITANIUM DIOXIDE  $TiO_2$ ]

HYDROXYL RADICALS ARE FORMED

BIOAEROSOLS, POLLUTANTS AND ODORS ARE INACTIVATED

Canada PO's

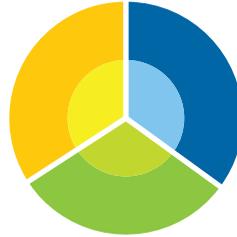
Fax To: (416) 757-4687

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## CENTER FOR DISEASE CONTROL ANALYSIS

Contributing Factors to Respiratory Problems (Allergies, Asthma and General Poor Health)



- **34% BIOAEROSOLS**  
Micro-organisms, mold, bacteria, virus.
- **31% VOCs**  
Chemical gases, solvents, odor causing contaminants.
- **35% PARTICULATES**  
Dust, dirt, pollen, spores, smoke, building materials.

	SF-2124C "THE ZEPHYR"
SYSTEM CAPACITY (MAX SQ. FT.)	5t (4000 ft <sup>2</sup> )
POWER REQUIREMENT	24V
AMPERAGE DRAW	0.9A
LINE CORD	HARDWIRE
STARTING	HARDWIRE
NUMBER OF LAMPS	1
LAMP SIZE	14"
DEVICE UV INTENSITY (μW/cm <sup>2</sup> ) 6" FROM SOURCE	645
DEVICE UV INTENSITY (μW/cm <sup>2</sup> ) 12" FROM SOURCE	324
DEVICE UV INTENSITY (μW/cm <sup>2</sup> ) 1m FROM SOURCE	50
ODOR CONTROL	YES
PHOTO-CATALYTIC OXIDATION (PCO) MODULE	YES
REPLACEMENT LAMP(S)	SF-1082LR-TC
REPLACEMENT BALLAST	SF-010303
SINGLET OXYGEN SYSTEM (YIELDS RESIDUAL O <sub>3</sub> )	SF-1082-SIPT
LAMP CHANGE CYCLE	2 YEARS
PCO MODULE WARRANTY	LIFETIME
BALLAST WARRANTY	LIFETIME

\*\*Transformer not included.

\*KEITZ FORMULA/TABLE USED TO CALCULATE UV INTENSITY AT 6" AND 12"



- › IMPROVED AIR QUALITY
- › REDUCES INFECTIOUS DISEASE
- › REDUCES MOLD, AIRBORNE ALLERGENS, BACTERIA, GERMS
- › PCO MODULE DECREASES OFF-GASES AND ODORS FROM AIRSTREAM



- › IMPROVED AIR SYSTEM EFFICIENCY
- › LOW COST OPERATION
- › 2 YEAR LAMP CHANGE
- › LIFETIME PCO MODULE



- › CHEMICAL-FREE REDUCTION

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You wouldn't drink this glass of dirty water.  
Why breathe dirty air?