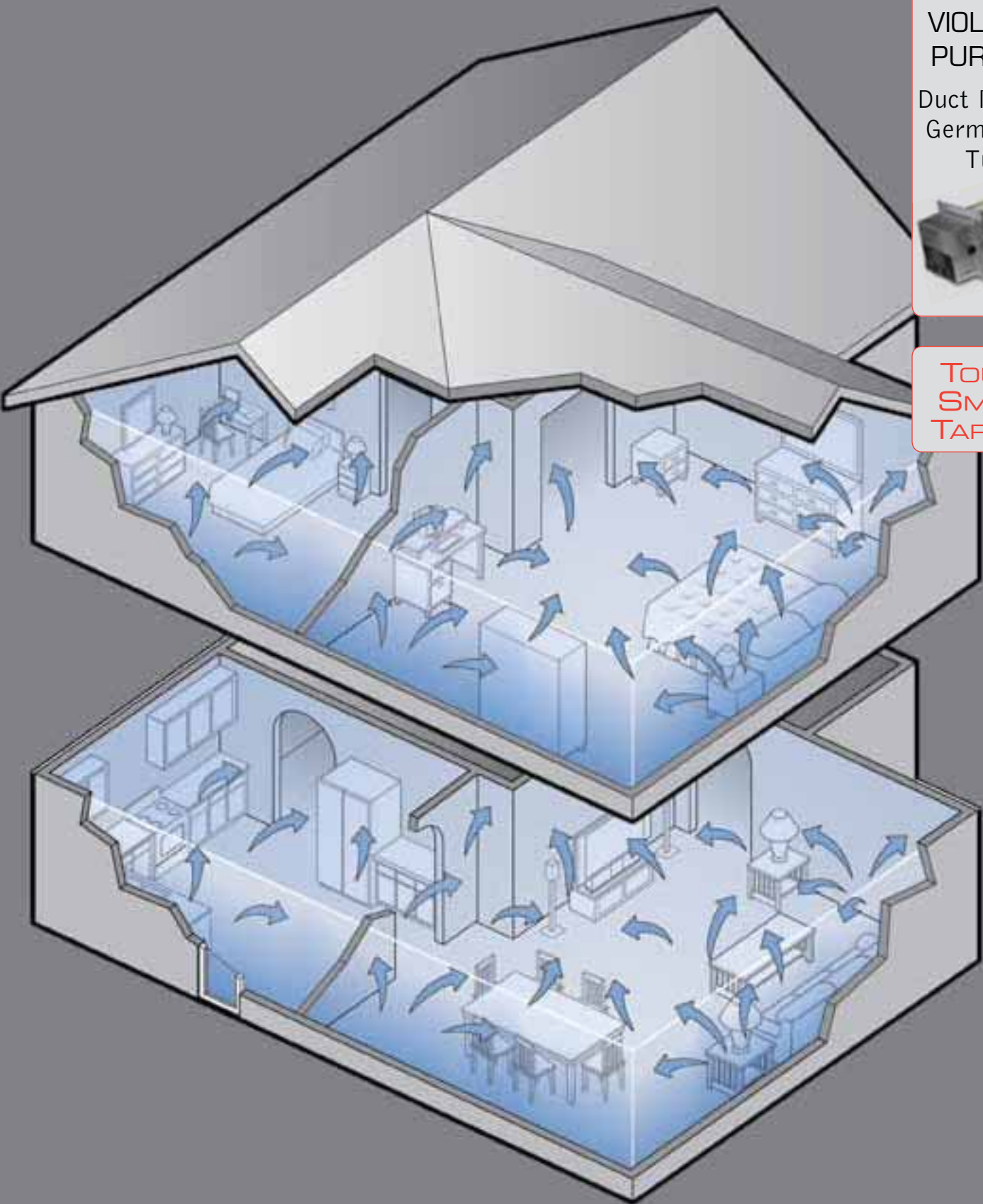


ULTRA
VIOLET AIR
PURIFIERS

Duct Mount &
Germ Killing
Tubes



TOUGH.
SMART.
TAPPAN.™



TAPPAN
TAPPAN

UV Air Purifiers.

A WHOLE-HOUSE UV AIR PURIFIER - THE BEST DEFENSE

Because it works inside your central air system a whole-house UV air purifier is able to intercept airborne pathogens and destroy them as they pass by. As air cycles through the system it passes by the UV light many times exposing and re-exposing airborne microbes to its sterilizing effect. This has proven to be a safe, economical, chemical free way to significantly reduce airborne contaminants indoors.

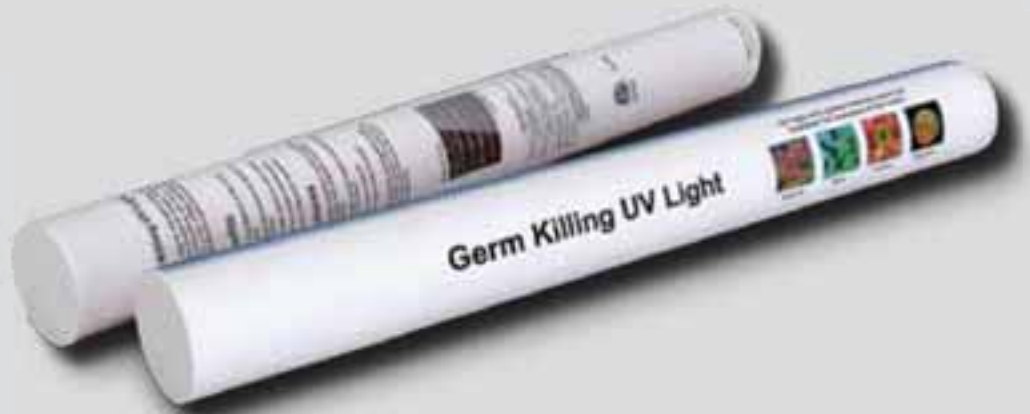
WHY UV LIGHT?

Kill Germs With Light

For over a century scientists have known that certain frequencies of light have a devastating effect on microbial life. We now know that exposure to ultraviolet light in the range of 254 NM (UV-C band) disrupts the DNA of micro-organisms thus preventing them from reproducing, thereby effectively killing them.

UV LIGHT - A WELL ESTABLISHED DISINFECTION TECHNOLOGY

UV light disinfection is now widely used in hospitals and laboratories to sanitize instruments and work surfaces and to prevent the spread of



potentially lethal airborne infectious diseases. The technology is used by the food industry to sterilize food before packaging and water treatment systems large and small now incorporate UV light as a chemical-free means of purification.

A Cleaner Air System

Installation of a germicidal UV light inside the air system inhibits the growth of mold which saves energy by allowing the system to operate more efficiently. A cleaner system also requires less maintenance.



Tappan Duct Mount Ultra Violet Air Purifier.

The Duct Mount Ultra Violet Air Purifier cleans the air by combining UVC light and activated carbon; two technologies proven to be most effective at killing germs, and removing odors by reducing chemical vapors known as volatile organic compounds (VOCs). Some of them, like formaldehyde and toluene, are known to be toxic.

The Science of the Tappan Duct Mount Ultra Violet Air Purifier.

It detoxes the air with a process called photocatalytic oxidation (a technology similar to the catalytic converter on your car's exhaust). The UV light reacts with titanium dioxide infused into the carbon which effectively disintegrates the captured contaminants, leaving only harmless water vapor and CO₂ which are released back into the air. This process leaves the carbon cells clean so they never fill up or need to be

replaced. The result is clean, odor-free air throughout the home.

Tappan Germ Killing UV Light Tube.

The simple and complete choice in UV light for all residential applications. Everything you need is in the tube! Just connect to a power source and install the UV light where needed. The Germ Killing UV Light Tube is one of the most popular Germicidal UV Light systems in the world because of its reliability, ease of installation, and many innovative features.

Germs in the Air You Breathe.

Most people don't realize that indoor air is often far more polluted than outdoor air. Contaminants can include viruses, bacteria,



Bacteria



Viruses

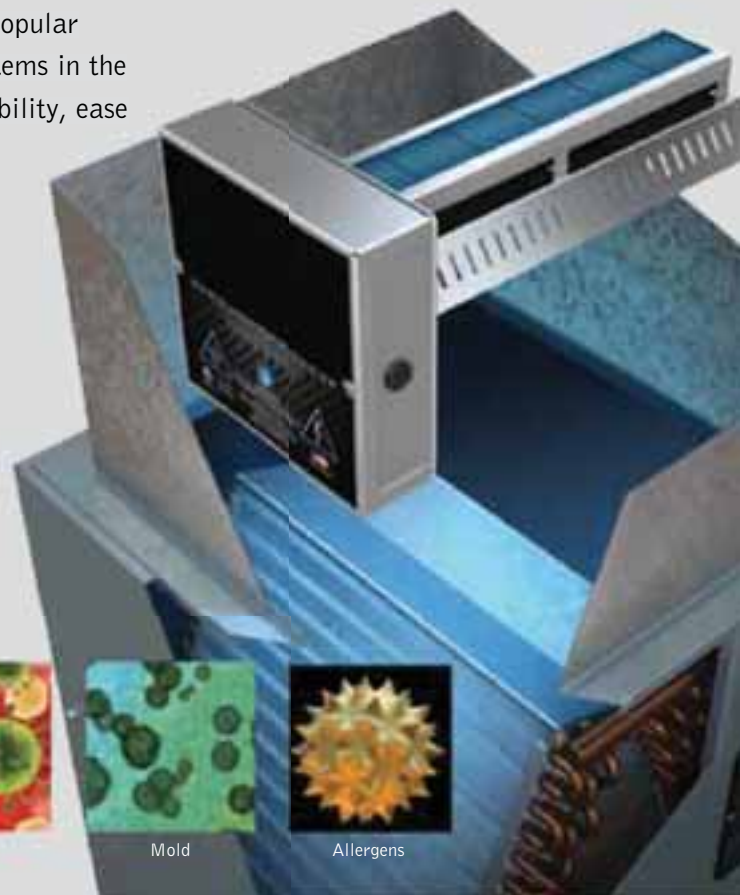


Mold



Allergens

mold, mildew, and allergens. Some are only annoying, others can make you sick. Because air passes repeatedly through your HVAC system (in fact many microbes like the cool dark damp interior of the system) this is the ideal place for germs to multiply and spread throughout the house.



Tappan Tough™ 10-Year Warranty.

Tappan units offer an incredible customer promise that protects your investment. Every Air Purifier features one of the best warranties in the industry – 10 years on all parts when installed and registered with a Tappan heating and cooling system.



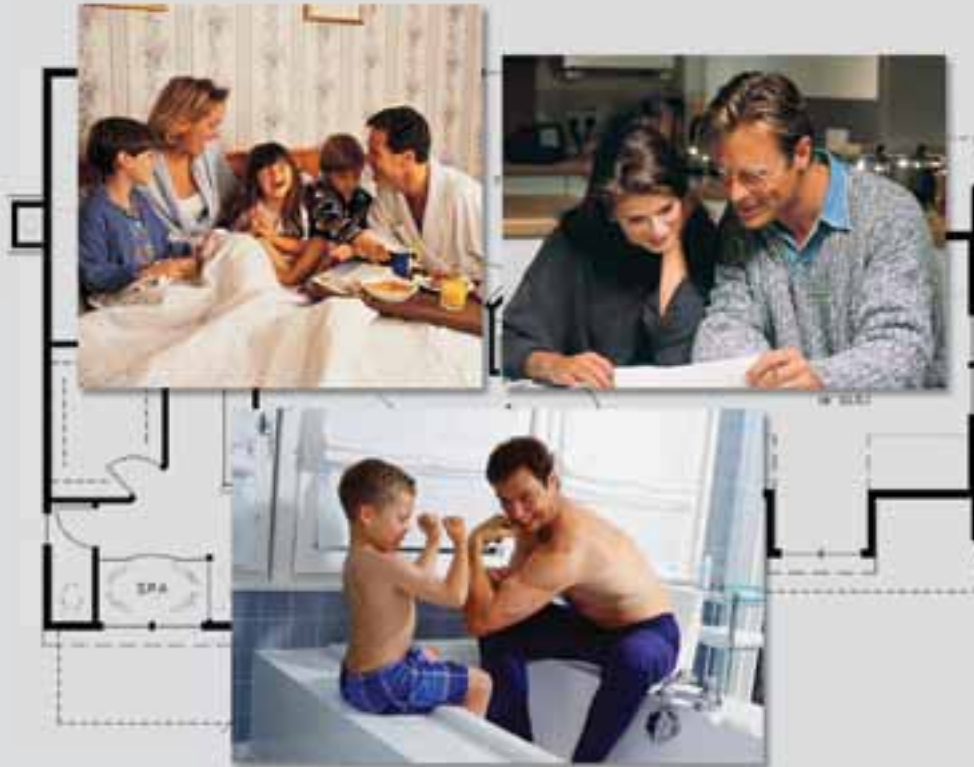
Tappan Ultra Violet Air Purifiers come with a 5-year, satisfaction-guaranteed warranty. For more information on Tappan warranties, ask your Tappan contractor or visit us at www.tappan.net.

The Solution for Indoor Air Pollution.

According to the EPA, indoor levels of pollutants may be 2 to 5 times – and occasionally more than 100 times – higher than outdoor pollutant levels. Indoor air pollutants have been ranked among the top five environmental risks to public health.

Respiratory Health. Air purification technology is designed to reduce the types of airborne contaminants known to contribute to indoor air related respiratory problems. Because air quality is a major factor in respiratory health, improvements to indoor air quality will enhance your quality of life.

Scientific studies show UV light can kill 90% of microbes within 10 minutes. After 24 hours 99.9% are killed.



TAPPAN
Heating and Cooling Products

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PUBLICATION SERIAL #207E-0614
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Printed in U.S.A.