



# WHAT IS AN AIR PURIFIER?

An air purifier is a device which removes contaminants from the air in a room to improve indoor air quality. These devices are beneficial to allergy sufferers and asthmatics, and at reducing or eliminating odors in the room. The part that removes these contaminants is the filter.



## INDOOR AIR QUALITY

Indoor air quality is how we measure the quality of the air inside a room. IAQ is known to affect the health, comfort and well-being of the occupants. According to the EPA, the air in your home or office can be 2 to 5 times worse than the outdoor air. In some cases, it has been as high as 100 times more polluted. The average person spends 90% of their time indoors.



## WHAT AND WHEN TO USE HEPA FILTER

A person takes 20,000 - 30,000 breathes each day. HEPA (high-efficiency particle air) Filter is designed to remove 99.97% of airborne particles. However, there are many levels of HEPA efficiency, and most air purifier companies use a lower level material to help boost their units square foot coverage claims.

# H13

H13 MEDICAL GRADE HEPA - Captures 99.9% of particles down to 0.1 microns. Commonly referred to as 'medical grade filtration' as it relates to the purity of the air filtered.

# H11

H11 TRUE HEPA - Most air purifiers on the market. Captures 95% of particles down to 0.1 microns, missing many of the most concerning particles. (See Chart Below)

# HOW DOES IT WORK?

At the base of it all, an air purifier is a motor and a fan that draws the air in the room into the unit and forces that air through the filter. The purified air is then returned to the room. The unit continues this cycle over and over again to further improve the air quality. It's recommended that you run an air purifier 24/7.



## WHY ARE MEDIFY AIR FILTERS SPECIAL?

### 3-IN-1 FILTERS

























The key is producing an airtight seal so there is no leakage of dirty air bypassing the filter and returning to the room. All Medify filters produce the needed airtight seal.

# BASED ON 99.9% PARTICLE REMOVAL

## MOST AIR PURIFIERS H11 TRUE HEPA

## MEDIFY AIR H13 TRUE HEPA

				10 MICRONS ----- 0.3 MICRONS ----- 0.1 MICRONS				
POLLEN	DUST	MOLD	BACTERIA		POLLEN	DUST	MOLD	BACTERIA
								
DUST MITES	COMMON SMOKE	LEAD DUST	PET DANDER		DUST MITES	COMMON SMOKE	LEAD DUST	PET DANDER
								
ASBESTOS	PAINT PIGMENT	INSECTICIDE	ANTHRAX	ASBESTOS	PAINT PIGMENT	PESTICIDE	ANTHRAX	
								
NOT CAPTURED	NOT CAPTURED	NOT CAPTURED	NOT CAPTURED	CARBON DUST	ALL BACTERIA	TOBACCO SMOKE	VIRUS CARRIERS	
CARBON DUST	ALL BACTERIA	TOBACCO SMOKE	VIRUS CARRIERS	CARBON DUST	ALL BACTERIA	TOBACCO SMOKE	VIRUS CARRIERS	

 ONLY H13 OR BETTER REMOVES 99.9% OF PARTICLES DOWN TO 0.1 MICRONS.

Source: <http://engineersjournal.ie>



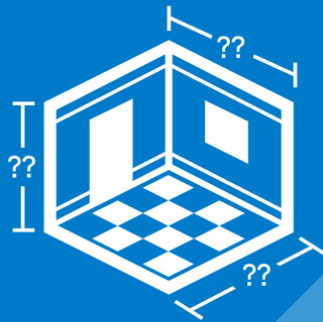
# CHOOSING THE RIGHT AIR PURIFIER

There is a wide range of air purifiers on the market and selecting the 'right one' can feel overwhelming. Many units are marketed with special features and functions that can sound impressive; however, we recommend that you start your consideration with the strongest key performing units where it matters first. Then consider if the other features make a big difference.



### STEP 1

DETERMINE  
YOUR NEEDS



### STEP 2

SIZE OF  
YOUR AREA



### STEP 3

KNOW YOUR  
BUDGET

## STEP 1:

Based on your situation, what type of filters do you want? Is H11 True HEPA good enough or do you want to be sure you are getting the best with H13 True HEPA. Do you want Active Carbon to eliminate odors?

## STEP 2:

What is the square footage of the room you will put the unit in? For the best results, each room should have its own unit. A typical 12x12 bedroom is 144 Sq Ft, while a 20x20 living room is 400 Sq Ft.

## STEP 3:

How much are you willing to spend to provide clean air for you, your family, and the pets in your home? Air purifier companies promote the max square foot coverage the unit can handle when run on high. Sometimes these high levels are too loud when you are in the room.

Think about selecting a unit that can handle a larger Sq Ft area so you can run it on a lower speed and still achieve the purity levels you desire. Then you can consider the special features added to some units that can make owning the unit a little more convenient.

## Things you should know about



ENERGY STAR



ETL CERTIFICATION



LIFETIME WARRANTY



CARB