



AIRSMART.

AIR THAT  
IMPROVES LIVES

CLEAN AIR  
PURE  
COMFORT

## WORLD'S FINEST INDOOR AIR QUALITY

Indoor air quality (IAQ) is a term which refers to the air quality within and around buildings and structures, especially as it relates to your health and comfort

AIRSMART.



ONLY COMPATIBLE WITH AIRSMART IES RANGE

## WHY IS IAQ SO IMPORTANT?

The average adult breathes 13,000 liters of air per day

The air inside is typically two to five times worse than the air outdoors

50% of all illness is aggravated or caused by polluted indoor air

On average, Australians spend 90% of their time indoors

The allergen level in newly constructed homes can be up to 200% higher than older buildings

AIRSMART.

## THREE CLASSES OF INDOOR AIR CONTAMINATION

PARTICULATE

MICROORGANISMS

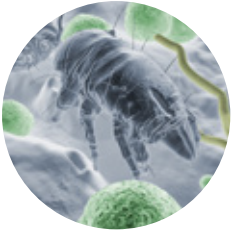
VOLATILE ORGANIC  
COMPOUNDs (VOCs)

## EXAMPLES OF PARTICULATE MATTER

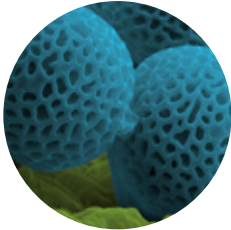
.3 TO 10 MICRONS IN SIZE

*A Micron is a unit of length equal to one millionth of a metre*

*The average cross-section of a human hair is 50 microns*



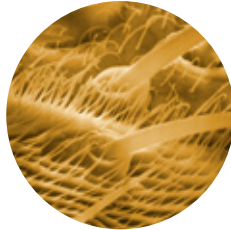
Mites



Pollen



Spores



Pet Dander

## ASSOCIATED PROBLEMS

Asthma

Emphysema

Lung disease

Allergies

Chronic bronchitis

Constricted airways

Sinus problems

Mold and fungal  
infections particulates

## EXAMPLES OF MICROORGANISMS

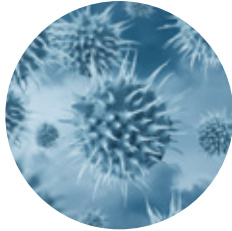
BACTERIA -.2 TO 5 MICRONS

VIRUS

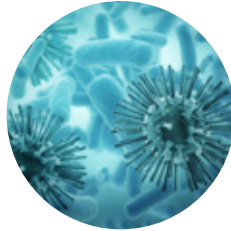
-.005 TO .1 MICRONS IN SIZE



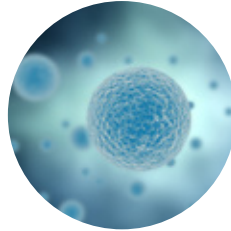
Bacteria



Colds



Influenza



Viruses

## ASSOCIATED PROBLEMS

Influenza

Common colds

Tuberculosis

Legionella

Pulmonary disease

Digestive problems

## EXAMPLES OF VOLATILE ORGANIC COMPOUND (VOCS)

.001 TO GAS MOLECULES IN SIZE



Cooking



Pesticides



Building materials



Outdoor pollution

## ASSOCIATED PROBLEMS

Headaches

Dizziness

Respiratory illness

Constriction of airways

Fatigue

Eye, nose and  
throat irritation

## THE PURIFICATION PROCESS

### Step 1

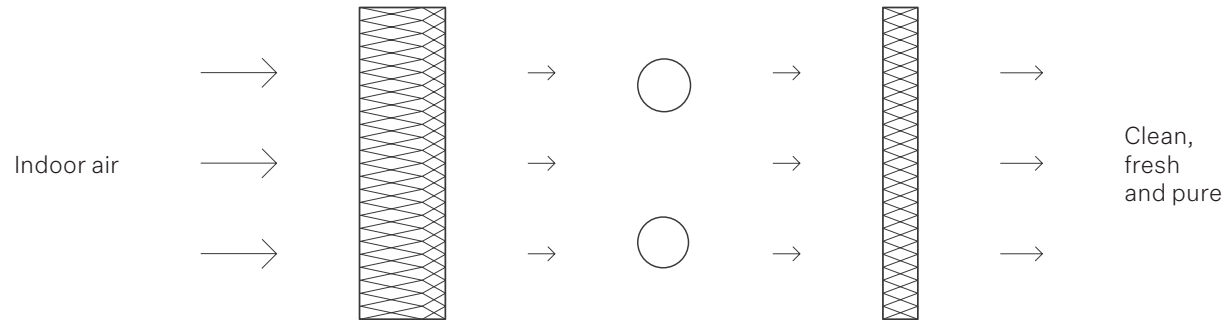
MERV 13 High Efficiency  
Filtration traps particles  
including mould, bacteria,  
dust, dander and pollen

### Step 2

UVC Germicidal  
Purification  
neutralizes bacteria,  
mould and viruses

### Step 3

Patented PCO  
Technology  
eliminates odours  
and VOCs



**97%**

Reduction of  
particulates

**90%**

Reduction in  
chemical fumes  
and odours

## EXPERIENCE THE BEST INDOOR AIR QUALITY TO EVERY ROOM

Reduce allergy-induced fatigue, headaches,  
breathing problems and sleep loss

Dramatically reduce family and office sickness  
No more never ending bouts with colds and influenza

Eliminate pet odors and dander

Sleep soundly in clean air without the need for medicines

In-house relief from asthma, hay fever, chronic cough, wheezing,  
sneezing, runny nose, sore throats and sinus problems

Reduced need for house cleaning and dusting

Removal of sick building syndrome

Improve workplace wellness and productivity

**ONLY COMPATIBLE WITH AIRSMART IES RANGE**

AIRSMART®





**WE BELIEVE IN  
AIR THAT  
IMPROVES LIVES**

THAT'S WHY WE'VE  
CREATED THE WORLD'S  
FINEST INDOOR  
ENVIRONMENT SYSTEM  
THAT REDEFINES AIR  
PURIFICATION AND  
CLIMATE COMFORT

AIRSMART.

1300 555 935  
AIRSMART.COM