

# ORECK<sup>®</sup>air 600

THE ULTIMATE AIR PURIFIER  
HEALTHIER, EASIER AND SMARTER



**GUIDE TO CLEAN AIR**

**NOW YOU CAN BREATHE  
MOUNTAIN FRESH AIR...**

## **CHANGE YOUR AIR WITH THE ORECK®AIR 600!**

It is a worrying thought that the air we breathe in our home can often be more dangerous to our health than the air we breathe outside. Airborne bacteria, viruses, dust particles, germs, smoke, all kinds of allergens and day-to-day household odours combine together to create an environment that could have a significant affect on your health and that of your family.

Happily, you can lessen those fears thanks to the Oreck®air 600.

clean, crisp, fresh air



## **SIX REASONS TO BUY AN ORECK®AIR 600**

Do you need something that...

1. Reduces the amount of allergy-causing allergens?
2. Traps harmful bacteria, viruses and other contaminants?
3. Helps give you clean, pollutant-free air?
4. Clears 'smoky' rooms within minutes?
5. Helps to reduce nasty smells in your home?
6. May aid restful sleep?

If you answer yes to any of the above then an Oreck®air 600 air purifier may be the solution!

If you are concerned about the air you breathe every

## ...IN YOUR OWN HOME



### THE BENEFITS OF CLEAN, FRESH AIR!

The Oreck®air 600 uses the same air purification technology as the US Naval submarine fleet.

The Oreck®air has a range of benefits that include:

- Traps harmful airborne allergens, bacteria, viruses, pollen, fungi, dust and mould.
- Removes tobacco smoke and odours
- Cleans and freshens your air
- May aid restful sleep
- Reduces dusting
- Removes cooking and pet odours

### FEATURES OF THE AMAZING ORECK®AIR 600

- Filters up to 95% of particles as small as 0.1 microns
- Powerful fan draws in and redistributes air ensuring the air in the whole room is cleaned
- Captures and substantially reduces airborne bacteria, viruses, mould, fungi, pollen, allergens, dust and pet dander
- Silence Technology® - quiet enough for use in the bedroom
- Cleans 4,500 cubic feet per hour

### THE ORECK®AIR 600 TRAPS



**Bacteria & Fungi**



**Viruses**



**Pollen**



**Tobacco Smoke**



**Pet Allergens**



**Dust**



**Mould**



- Permanent filter that never needs replacing
- 2 year warranty
- Costs less to run than a 100 watt lightbulb
- 6 stage purification process
- Optional air revitaliser helps to freshen stale air
- Indicator light for filter cleaning
- Compact and portable
- Optional scent cartridges add a 'hint' of fragrance
- Improved charcoal filter for odour absorption

## RELAX KNOWING THAT YOU AND YOUR FAMILY ARE...

### HEALTHIER:

- Six-stage filtration captures and substantially reduces up to 95% of airborne dust, allergens, bacteria, viruses, moulds, fungi and other particles as small as 0.1 microns
- Improved cleaning performance is two-and-a-half times better than the original Oreck®air
- Oxygenator stage converts atmospheric ozone into pure oxygen
- Reduces Volatile Organic Compounds (VOCs), including chemical fumes from glues, solvents and synthetic materials with optional Odour Absorber Plus
- Reduces pet and cooking odours for true clean-air living

### EASIER:

- Permanent filter cleans easily with soap and water
- State-of-the-art easy touch control panel
- Turn on and leave on for continuous cleaning
- Three speeds to suit any cleaning need

### SMARTER:

- Quieter operation with Silence Technology®
- Uses less energy than a 100 watt light bulb
- Permanent filter does not clog, never needs replacing
- Check Collector Cell light illuminates once it needs cleaning
- Additional features include nightlight and fragrance cartridge

## ORECK®AIR 600 SIX-STAGE PURIFICATION PROCESS

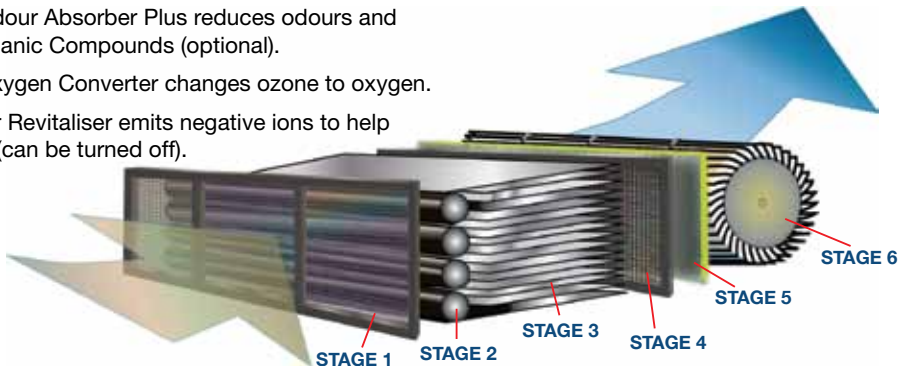
**Stage 1:** Pre-Filter catches large particles such as hair and lint as the fan draws air into the unit.

**Stages 2 & 3:** Truman Cell captures airborne dust and substantially reduces bacteria, mould, viruses and fungi by electrostatically charging (Stage 2) and collecting particles (Stage 3).

**Stage 4:** Odour Absorber Plus reduces odours and Volatile Organic Compounds (optional).

**Stage 5:** Oxygen Converter changes ozone to oxygen.

**Stage 6:** Air Revitaliser emits negative ions to help freshen air (can be turned off).



## ...BREATHING CLEAN FRESH AIR IN YOUR HOME EVERY DAY

### WHAT IS AIR POLLUTION? - A GUIDE TO CLEAN AIR

Air pollution occurs when harmful substances are allowed into the air. In the UK, the main pollutants that affect the air are carbon monoxide, carbon dioxide, nitrogen dioxide, sulphur dioxide, lead, ground level ozone, small particles and cancer-causing chemicals like benzene

#### THE PRICE OF PROGRESS

Air pollutants have both known and suspected harmful effects on our health. In this country they are chiefly the result of combustion from heating fuels used to power large buildings, from power stations and from vehicle traffic.

#### SUMMER HAZARDS

In winter, pollutants build up at ground level in the warm air surrounding urban areas, which is then trapped below a cold lid of air. These winter smogs occur in cold, still, foggy weather in towns and cities as well as low lying countryside. Happily, winter smog occurs less often than the famous 'pea-soupers' of the 1950s which were the result of wide scale coal burning. However, one pollutant which has increased whilst smog decreases is motor vehicle pollution. A massive increase in car use during the last 30 years means that cars, vans and lorries account for up to 75% of emissions of fine particles, 50% of nitrogen dioxide and 75% of carbon monoxide in some of our cities.

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#### HEALTH HAZARD

Over 15 million people in the UK, according to Asthma UK are being treated for allergies. Many more in the population suffer from asthma. Cold and flu germs are carried in the air and every day we needlessly breathe unhealthy amounts of air pollution, even in our homes. We're all learning to eat better and exercise regularly but we're still coming home to polluted homes - up to 5 times more polluted than the outside air. When air pollution is very high some people, normally in good health, may start to cough or feel eye irritation. For people with poorer health, such as asthma sufferers, high air pollution may trigger an attack.

#### REDUCING INDOOR POLLUTION

There are many things we can all do to help reduce pollution in our outdoor and indoor environments. Below are just a few examples of activities you can realistically undertake to help provide cleaner, safer and healthier air for you and your family to breathe.

When you are looking to decorate your home, make sure that you buy water based or low solvent paints, glues, varnishes and wood preservatives and keep windows open during and after application.

Whilst there is nothing cosier than a real fire it is often the root cause of many indoor pollutants. If you do have an open fire use it sparingly and ensure that the materials you burn are natural. Never burn plastic or rubber or use chemicals to assist with the lighting of an open fire. Not only is this dangerous but it also releases harmful gases and odours directly into your air.

Ensure that your house is well ventilated especially in the kitchen.

Dust particles, carpet mites, pet hair, allergens, cooking smells, smoke and day to day dirt from outside all combine to create an indoor environment that, whilst we believe it to be clean, is potential harmful. Have you ever sat watching small particles floating around in the sun's rays? Ever wondered what these are? These are the airborne pollutants that you inhale every day without even realising. There are ways of reducing these, one of which is to vacuum regularly and thoroughly with an effective cleaner, another is to use an air purifier.

Vacuuming is particularly important for dust mite allergy sufferers and should include vacuuming mattresses and upholstery. A thorough clean once a week is more effective than several light cleans. Bedding should also be washed at high temperatures and fitted carpets avoided.

Reducing indoor humidity with the help of a dehumidifier may help as it is believed that lower humidity contributes to lower dust mite numbers. Increased ventilation should also help.

## THE ORECK® AIR 600'S POWERFUL FILTRATION SYSTEM SUCKS AIR IN...

Most people in Britain spend over 75% of their lives indoors. Exposure to air pollutants is determined more by concentrations indoors than outdoors.

Indoor pollution levels are affected by levels of outdoor pollution but additional indoor pollutants are the result of emissions from structural components, internal fittings, methods of heating and activities of the occupants such as decorating, cleaning or smoking.



### NITROGEN DIOXIDE (NO<sub>2</sub>)

Whilst outdoor levels of NO<sub>2</sub> will influence indoor levels, other sources are gas or solid fuel cooking, unvented heaters, wood stoves & tobacco smoke.



### FORMALDEHYDE

Formaldehyde occurs as a pungent, colourless gas found in chipboard and plyboard furniture, household cleaning agents, water based paints, fabrics, disinfectants and cigarette smoke. Tends to be much higher in newer properties, mobile homes and caravans. **Medical Impact** - May result in sensory and airway irritation (eyes, skin and respiratory system).



### VOLATILE ORGANIC COMPOUNDS

VOCs are 10 times higher indoors. Found in outdoor air, paints, glues, varnishes, home maintenance products, building materials, furnishings, ventilation systems, furniture, carpet adhesive, cleaning products, tobacco and cosmetics.



### FUNGI AND BACTERIA

Various fungal and bacterial species are present in all our homes, particularly in houses with damp or mould problems. Airborne fungi and bacteria from outdoors are particularly prevalent in the summer and autumn. **Medical Impact** - May cause or exacerbate rhinitis and other respiratory symptoms, asthma and dermatitis.



### HOUSE DUST

Made up of fibres from carpets and furniture, grit and sand, human skin scales, food debris, combined with particles from domestic animals, insects, microscopic arthropods, algae, bacteria and fungi.



### HOUSE DUST MITES

These small arachnids live in beds, carpets and soft furnishings in all our homes. They feed on shed human skin scales, fungi and bacteria and their numbers vary seasonally according to temperature and humidity changes. Dust mites secrete allergens which are then found in high concentration in their faeces. **Medical Impact** - Dust mite allergens precipitate allergic reactions such as asthma, rhinitis and eczema in atopic individuals.



### PET ALLERGENS

Up to 10% of the UK population may be allergic to pets to some extent and for those with asthma it can rise to over 30%. Cats and dogs are the most common cause. Their allergens, found in skin scales and saliva, are found predominantly in pet bedding, carpets and upholstery. **Medical Impact** - Trigger asthma, wheezing and tightness in the chest, rashes and eczema as well as sore or itchy eyes, nose and throat.



### POLLEN ALLERGENS

Hayfever is the most common allergic reaction to pollen. There is evidence to suggest that hayfever is increasing and that pollution is an important contributor, hence why it is so common in urban areas. Trees, grasses and weeds produce pollen causing an increase in symptoms for sufferers when they flower. **Medical Impact** - Frequent bouts of sneezing, itchy, runny or blocked nose, itchy eyes and throat.



### RADON

This cancer-causing radioactive gas can't be smelled or tasted. It comes from the natural radioactive breakdown of uranium in soil, rock and water and can be found throughout the UK with highest levels indoors. Although providing little risk generally, some parts of the UK including Cornwall, Northamptonshire, Derbyshire and Scotland have much higher levels. **Medical Impact** - Contributes to causes of lung cancer.



### ASBESTOS

Asbestos is a naturally occurring mineral that was used in a range of building materials from the 1950s to 1980s. Most people are exposed to low amounts of asbestos in the atmosphere with no ill effects but asbestos fibres and dust are potentially very dangerous if breathed in higher concentrations over a period of time. **Medical Impact** - Lung disease including cancer.



### SMOKE

Second-hand smoke contains a whole cocktail of pollutants such as benzene, carbon monoxide and formaldehyde. **Medical Impact** - Lung cancer and cardiovascular diseases, asthma attacks, lower respiratory track infections and pneumonia.

## ...AND EFFICIENTLY CLEANS AND PURIFIES IT, BEFORE REDISTRIBUTING IT BACK INTO YOUR ROOM



Many of the outdoor pollutants found in the UK are a result of traffic emissions. Consequently, the highest levels of outdoor pollution are found in urban areas.

### CARBON MONOXIDE

Formed from car exhaust, it is found in highest levels in urban areas. **Medical Impact** - Reduces the capacity of the blood to carry oxygen and deliver it to the heart.

### NITROGEN DIOXIDE

Largely caused by traffic emissions, it is at its highest levels in urban areas. **Medical Impact** - Believed to cause acute and chronic effects on airways and lung function, particularly to asthma sufferers, the young and the elderly.

### SULPHUR DIOXIDE

Highest levels are found mostly in urban areas such as the Thames Estuary, North West England, the Forth Valley and in Northern Ireland, where solid fuel is still extensively used. **Medical Impact** - Affects the lining of the nose, throat and airways of the lung, particularly those who suffer from heart and lung disease including asthma, particularly the very young or elderly.

### LEAD & HEAVY METALS

Emissions usually emanate from burning fossil fuels and waste materials, metal industries and leaded petrol.

**Medical Impact** - Small amounts may be harmful to infants and young children and could lead to impaired visual and motor performance and neurological damage.

### OZONE

Ground level ozone is formed by a chemical reaction in the atmosphere, and is influenced by meteorology and atmospheric chemistry. Highest levels are found on elevated ground, in hot, sunny weather in the rural south and south east England, central and southern Scotland.

**Medical Impact** - May cause eye and nose irritation, with very high levels of ozone potentially causing damage to the airway lining.

### PARTICULATE AIR POLLUTION

Made up of millions of tiny particles in the air, originating from traffic emissions, road transport, quarrying, industry and construction and highest in urban areas.

**Medical Impact** - May result in a higher death rate among those with pre-existing lung and heart disease.

### VOLATILE ORGANIC COMPOUNDS (VOCs)

There are a huge number of VOCs but benzene, generated from vehicle exhaust fumes, is of particular concern.

**Medical Impact** - May result in sensory and airway irritation. Possible chronic health effects include cancer, central nervous system disorders, liver and kidney disease, reproductive disorders and birth defects.



## Take the Oreck®air Challenge

Give the Oreck®air 600 a **RISK FREE** home trial for **30 days**. Wash the filter and see what you've been breathing in.

## WHAT OUR CUSTOMERS HAVE TO SAY

"...we use the purifier in our bedroom and it is quiet enough not to disturb our sleep..."

**Mr Gilbert, Kent**

"...I can go for days without cleaning whereas before I would dust every day."

**Mr Crump, Avon**

"...I love the fresh clean air that comes from the air purifier - it really does make a difference especially as I have smokers and pets in the household. I feel better, more energised..."

**Mrs Smith, West Sussex**

"My room is so much fresher and the air quality much better. A must have for anyone with allergies and for smokers."

**Mrs Mckie, Aberdeenshire**



Try at home for 30 days -  
**satisfaction or your money back guaranteed**

Call **FREE 0800 684 684** or visit **www.oreckair.co.uk**

**FREEPOST ORECK, EXETER**

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