

**Draught-free, discreet, energy efficient,
whole-system solutions for air conditioning,
heating, air purification, fresh air ventilation
and de-humidification for your home**



**The Ingenious
Air Company**

Here to create your perfect indoor climate

For an indoor climate so pure, you could be in the Rockies



Ingenious fact:

Our systems are manufactured in Canada, where their beautiful but harsh climate makes cooling and heating homes a tougher job than in the UK. That's why you can be sure our systems will out perform many of our competitors.

Experience indoor comfort like never before

Although home is where the heart is, we believe no home is complete until you have the perfect indoor climate. Just imagine relaxing in a perfectly cooled, draught-free environment on long hot summer days, or enjoying the comfort of even heat from floor to ceiling and wall to wall on bitterly cold nights. For those with indoor allergies or living in polluted cities, imagine the relief of returning indoors to a pure indoor environment, filled with perfectly fresh, clean air. Not only will you experience indoor comfort like never before, you'll also be running a highly responsive, low carbon system which blends into any décor, allowing for beauty and innovation all in one ingeniously designed system.



Country style open plan livingroom/kitchen diner with white air outlets, situated in a bulkhead

We understand that building or renovating your home is one of the most important decisions and biggest financial commitments you will ever make. Home is where the heart is, the place you feel safe, the place you feel the most comfortable – at least it should be.

We don't have to tell you what it's like to sit in draughty or uncomfortably stuffy rooms, or what it's like to have to pile on the layers while the radiators slowly warm up. We don't have to tell you about waiting an age for room temperature to respond when you change the thermostat, or what it's like to sit directly below the icy blast of an air conditioning unit. We've all been there and until now it's always been something you just have to put up with. **But now you don't.** Simply put, your indoor environment should make your home a comfortable, enjoyable, safe place to be. It should respond to your needs at the touch of a button and it shouldn't cost you the earth to run.

Our systems eliminate draughts, hot and cold spots and uneven temperatures, while also offering highly responsive temperature control, stylish design which blends into any décor, a low carbon footprint and easy installation. Let us introduce you to our three modular small duct systems; the **Toronto**, the **Montreal** and the **Vancouver**. Our Canadian themed small vent systems run on proven but innovative technology and have been manufactured and installed since 1983.

Our small vent systems offer a draught-free, discreet, responsive, highly versatile, whole system solution for heating, cooling (refrigerant or chilled water), de-humidification, fresh air ventilation and/or air purification in any combination. Our systems give you the ultimate in choice; have your system set up just for one solution, or use all five.

From classic to contemporary, what look will you go for?



Ingenious fact:

Did you know you can even design your own air outlets? If you can't find what you want from our extensive range, we can create something bespoke to your requirements, offering you the ultimate in choice and design.

Create your dream look

All three systems offer draught-free, discreet, indoor air distribution by using pressure to move air to where it is needed via a series of unique, flexible, small diameter ducts (mini ducts) positioned in 'out of traffic' areas in walls, ceilings and floors.



Opulent dining room featuring linear grilles

Our innovative systems offer a fantastic range of unobtrusive air outlet vent plates to blend perfectly into any interior design and layout you choose. They can be sited in walls, ceilings, floors or bulkheads and are made out of many compositions including plastic, metal and wood. They are available in a range of shapes and sizes, including our round outlets or linear grilles and can be painted any colour of your choice to blend in seamlessly with your décor. If you are after something truly unique, you can even design your own outlets, just contact us to talk through your ideas.

There are other advantages too: The positioning of our outlets gives you total flexibility when it comes to furnishing your room. With no need for radiators or air conditioning grilles, you can make the most of your room space and no longer worry about little fingers touching scalding hot radiators in your home. Should you need to move an outlet, re-siting is quick, easy, more cost effective and less disruptive than moving radiators or air conditioning cassettes.



Listed building? Our unobtrusive air outlets can be painted to match any décor

Our environmentally friendly systems work in conjunction with all known alternative and sustainable energy sources including: air to water heat pumps, air to refrigerant heat pumps, ground source heat pumps, high efficiency boilers, solar panels and chilled water systems. Pair a heat pump with intelligent controls such as the Nest Learning Thermostat and you will be running a highly efficient, low carbon system, which will provide significant energy cost savings.

Giving you the ultimate in choice and design



Ingenious fact:

As our systems have fewer components and can offer more flexible installation options, they have a greatly reduced manufacture and installation carbon footprint than many of their rivals.

Complete system control at your fingertips

Think our style savvy interior ends here? Look at our range of controls, including the innovative Nest Learning Thermostat to ensure that even your thermostat makes a style statement. The Nest controller has been developed to learn your own personal schedule and programme itself based on your day-to-day routines. This ensures you only heat or cool your home when you need it, helping to greatly reduce energy bills while also providing the perfect indoor climate for your home (or business too).

We can provide controls in a range of finishes and all of our controls feature fully programmable individual temperature and time control for up to eight rooms, rapid response and even temperatures throughout the room within 1°C. You can find more about our full range of air outlets and controllers online at www.ingenious-air.co.uk



The perfect climate for the perfect night's sleep

Creating a safe and comfortable home

As worrying as it sounds, indoor air is full of pollutants such as dust mites, bacteria, viruses, mould spores, animal hair, pollen and chemicals. Those suffering from indoor allergies or poor respiratory health - asthma, hay fever, emphysema, chronic bronchitis, etc. - or living in polluted atmospheres such as inner cities, can find their health failing and their lives becoming a misery. It can be extremely distressing to see the ones you love suffering in their own homes, the one place we are meant to feel safe and protected, but there is something you can do.

Our small vent systems can introduce 100% fresh air ventilation into your home, either directly or via a heat recovery system, creating a cleaner and healthier home environment.

Did you know that NASA chose the HEPS Purifier to protect astronauts in the NASA space station from illness, allergy and toxic chemicals (VOCs). The same advanced technology can now create a cleaner and healthier environment for your home. The HEPS Purifier is an optional extra for all of our small vent systems, we also offer a stand-alone portable HEPS Purifier too.

Keeping your family comfortable and protected from airborne bugs



Ingenious fact:

We'll be with you every step of the way to help you choose the right system for you. We offer a full supply, design, install, commission and maintenance service, or just use us for the services you need.

For those living in more polluted areas or requiring extra help to cleanse the air for health reasons, the HEPS air purification module is an optional extra for the Toronto, Montreal and Vancouver systems. It is a powerful in-duct air purifier, which cleans air down to the last molecule, up to 3000 square feet per purifier. The HEPS Purifier creates superior indoor air quality by deactivating all three types of serious indoor air pollutants including:

1. Airborne disease-causing microscopic particles
2. Airborne primary sources of allergy
3. Airborne toxic volatile organic compounds (VOCs)

We also offer all the benefits of the HEPS Purifier in a portable stand-alone system, perfect for all domestic applications where our small vent systems are not installed. Contact us or visit our website for more information on HEPS and our portable HEPS Purifier www.ingenious-air.co.uk



The HEPS Purifier can also remove chemical and cooking smells from the air

Easy installation & hassle-free maintenance

Our systems can be conveniently hidden in the roofspace, basement, garage, cupboards or even above ceilings. We have installed the systems in many residential environments, from stately homes, to cottages, to city penthouse apartments. Each system is designed bespoke to your requirements and the demands of your building. Our systems are designed for quick and technician-friendly installation and carry a lower maintenance requirement than traditional HVAC systems. Although we hold our own installation team at The Ingenious Air Company, the system is so intuitive, it can be installed by air conditioning engineers, heating contractors or plumbers without specialist knowledge or equipment.* We can also take the hassle out of maintenance too with our Home Maintenance Plan. Sit back and relax while we take care of the maintenance side of things at a time that suits you.

*Contractors have to abide by Building Regulations and be F-Gas registered if using refrigerants. We also recommend contractors attend one of our training days to ensure they are competent to install our systems.

- 1) Our systems all carry a low carbon installation footprint
- 2) Our systems work on the principle of de-stratification to harvest heat that would otherwise gather at high levels inside buildings and re-distribute it
- 3) We use top of the range controls to ensure your system is as energy efficient as possible
- 4) The system can also utilise heat recovery ventilation to save energy.

Discreet, draught-free and energy efficient - what's not to love?



Small vent systems Vs conventional HVAC options

	Toronto, Montreal & Vancouver	Traditional air conditioning systems	Traditional heating (radiators)	Underfloor heating	Conventional warm air heating
Draught free	✓	✗	✓	✓	✗
discreet	✓	✗	✗	✓	✗
Even temperatures	✓	✗	✗	✓	✗
Rapid response	✓	✗	✓	✗	✗
Heating	✓	✗	✓	✓	✓
Cooling	✓	✓	✗	✗	✓
Purification	✓	✗	✗	✗	✗
Ventilation	✓	✓	✗	✗	✓
De-humidification	✓	✗	✗	✗	✗
Energy efficient	✓	✗	✓	✓	✗

The perfect indoor climate for your home

Need a few more reasons why our small vent systems are perfect for your home?

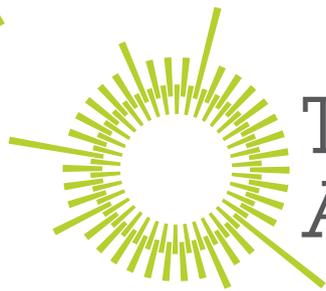
- 1) Our systems can deliver the perfect indoor climate for your home, ensuring you never have to compromise on draughts, hot and cold spots, stale air or uneven temperatures again.
- 2) Our products offer a whole system solution for heating, cooling - refrigerant or chilled water - fresh air ventilation, air purification and de-humidification in any combination, in a single system, without the need for radiators or in ceiling/on the wall units.
- 3) Our products ensure you won't have to compromise on air quality or ingenious design - you won't be restrained by the limitations of traditional HVAC systems.
- 4) Our products achieve an energy efficient, low carbon installation that can help enhance the green credentials of any project and lower your energy bills.
- 5) Our products offer quick, flexible and easy installation alongside simple maintenance.



From new-builds to historic homes, we can provide the perfect indoor climate for you

- 6) Our systems are compatible with all sustainable energy sources including air source heat pumps, air to water heat pumps, ground source heat pumps, solar and high efficiency boilers.
- 7) We have the only HVAC system in the UK to offer the HEPS Purifier to clean air down to the last molecule for unrivalled air quality.
- 8) Our products are ideal for use in listed buildings and tricky applications where traditional systems may not be an effective or energy efficient alternative.
- 9) Make a style statement with our ultra-modern air outlets, or have them blend seamlessly into any interior for a near invisible installation. You can even design your own!
- 10) The Ingenious Air Company will always be here to support you and answer questions, whether we are supply only, or offering a full supply, design, install and maintenance package.

If you are looking for more technical information on our systems, or want a more in-depth overview of system components and practical applications, please visit www.ingenious-air.co.uk. You can also talk to us direct or request our comprehensive buyer's guide, telling you all you need to know about buying our Toronto, Montreal or Vancouver systems. Call us on 0800 731 6352 or 01268 544530, you can also email sales@ingenious-air.co.uk



The Ingenious Air Company

We are The Ingenious Air Company, heating, ventilation and air conditioning (HVAC) experts and skilled installers with over 30 years' experience in the industry. We live and breathe quality, bespoke heating, ventilating, air conditioning, air purification and de-humidification systems, and have a passion for creating the perfect indoor climate for you and your family.

Our vision is to make poor indoor air quality a thing of the past. We believe that no one should have to put up with a bad indoor climate, with draughts, hot and cold spots, uneven temperatures or stale polluted air that can make us ill.

If you chose our team for design, supply, install, or maintenance we will liaise with you every step of the way to make sure you are always aware of what is going on. Our team of skilled, knowledgeable and polite installers are F-Gas Registered and will be on hand to answer any questions and make sure you have the best installation possible.

We operate across the UK and typically schedule installations through the week from Monday-midday Friday**. Weekend installations are also available by arrangement.

We are an open, honest and friendly family-owned business that guarantees the highest level of service, whether you have been with us for 10 minutes or 10 years. We are always at the end of the phone or email and can give you all the information you need to choose the right option for your home.

We offer free quotations so what have you got to lose? If you are on a landline, give us a call on 0800 731 6352. If you are on a mobile, you'll find 01268 544 530 the cheapest way to call. You can email us at sales@ingenious-air.co.uk

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** Our on-site working days on a Friday are shorter than the rest of the week due to weekly team and project meetings starting from 2pm.