

# The Unico System

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'invisible' comfort with sustainability



**The world's premier Small Duct, High Velocity comfort system.**

**Unico System offers highly efficient, low-energy Central Heating, Central Cooling and built-in Ventilation - all in one quiet and draught-free system.**

**Unico System® UK**  
small duct central heating & air conditioning



# The Unico System

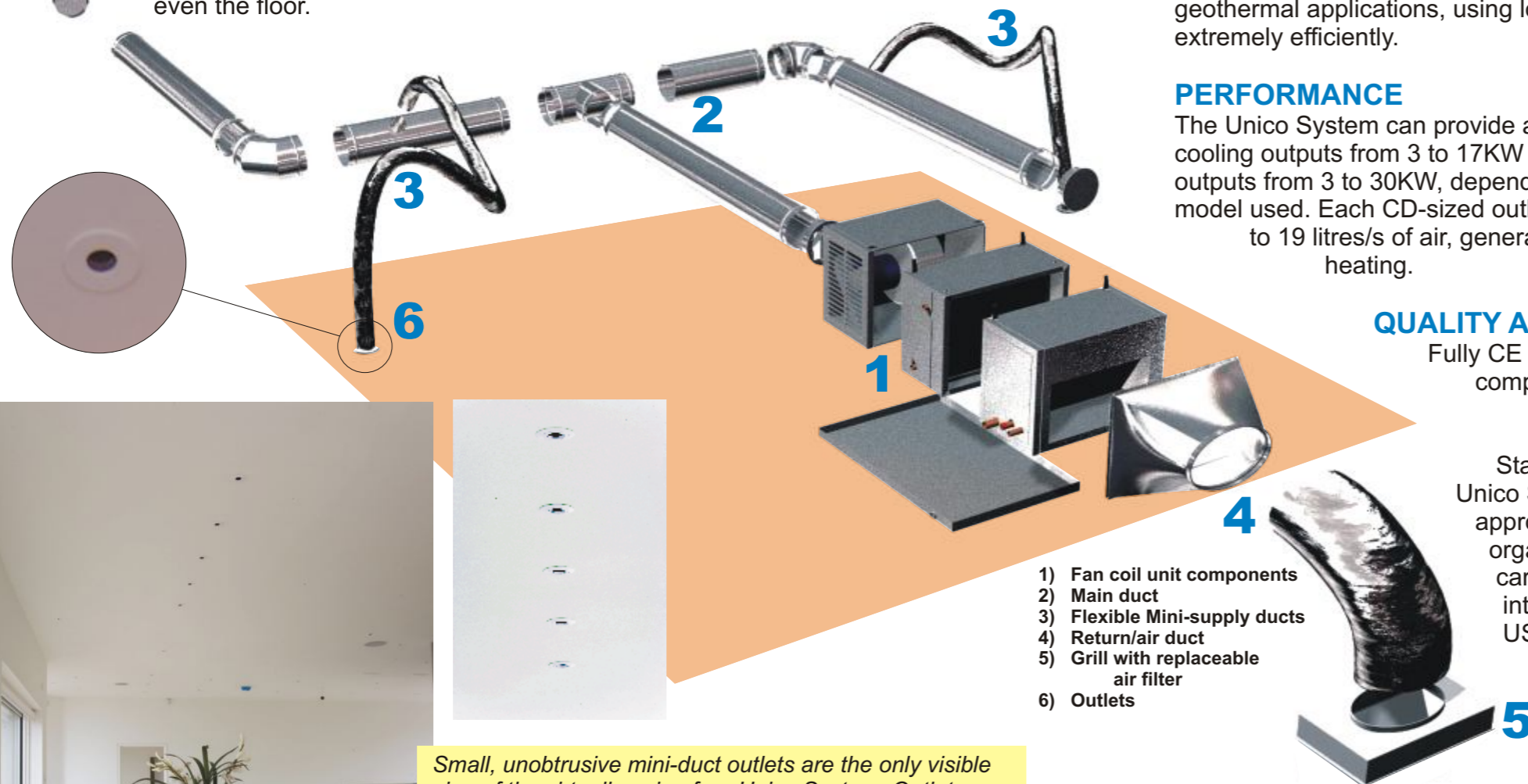
## 'invisible' comfort with sustainability

The Unico System is a Small-Duct, small-air handler system for central heating, air conditioning and ventilation, manufactured by Unico Inc and distributed by Unico UK, based in Rainham Essex.

The System's modular air handlers can be easily installed in lofts, cupboards, voids and crawlspaces; its sound-attenuated 89mm flexible supply ducting easily run through and around existing construction. This ducting delivers conditioned air through a number of small outlets which can be positioned in ceilings, walls or even the floor.



Outlets are available in many different finishes and shapes, to match your decor



- 1) Fan coil unit components
- 2) Main duct
- 3) Flexible Mini-supply ducts
- 4) Return/air duct
- 5) Grill with replaceable air filter
- 6) Outlets

### APPLICATION

The Unico System can be used with either air to water heat pumps or direct expansion heat pumps. The System can also be connected to a hot water boiler to provide very efficient hot water heating. The System is the perfect option for central heating, air conditioning, ventilation, or all three - combined in a single installation.

What is more, The Unico System is an ideal complement to underfloor heating and for geothermal applications, using low-grade heat extremely efficiently.

### PERFORMANCE

The Unico System can provide a range of cooling outputs from 3 to 17KW and heating outputs from 3 to 30KW, depending on the model used. Each CD-sized outlet delivers up to 19 litres/s of air, generating 1.2KW of heating.

### QUALITY ASSURANCE

Fully CE marked and complying with UL, ETL, ARI and British Standards, The Unico System is approved by major organisations and carries international and US patents.

### COMFORT AND EFFICIENCY

The Unico System is the perfect fit, whatever your space. Ideal for period homes and buildings, the best choice for new-build and commercial premises, the Unico System delivers pure comfort.

With no more than a 2 degree variation from floor to ceiling, no draughts and efficiently mixed air, all you'll notice of the Unico System is small, unobtrusive outlets.

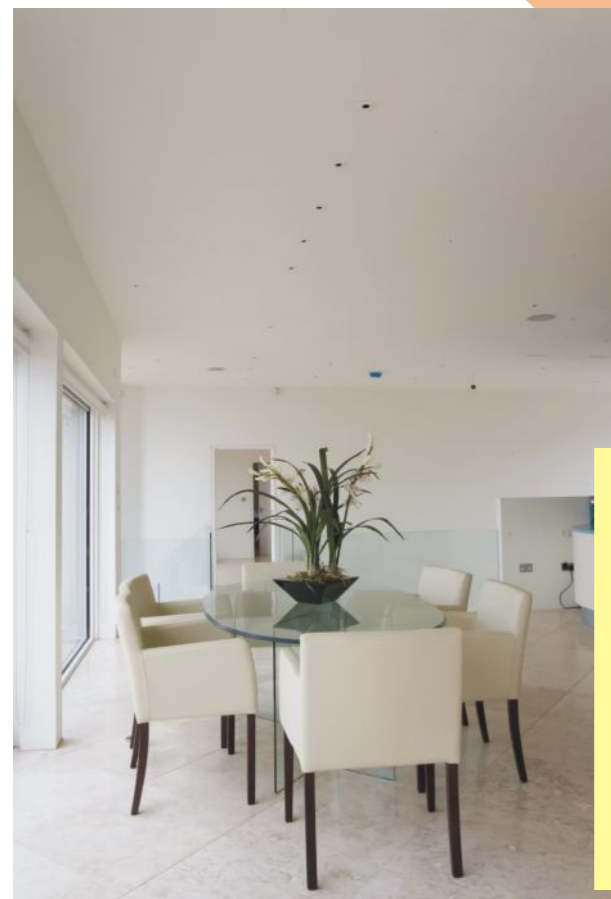
*The ultimate comfort system for your home also provides the best heating and cooling for shops, restaurants, offices, churches, kitchens, and public spaces.*



### THE UNICO SYSTEM PROVIDES

- \* Unobtrusive Heating, Air Conditioning and Ventilation
- \* Even and controllable temperatures
- \* Freedom from draughts and cold spots
- \* Low noise levels
- \* Low running and maintenance costs
- \* More usable wall space - no radiators
- \* Air filtration

The Unico System, always a 'green' option, provides even temperature, negligible noise, filtered air, controllable humidity, instant heating - or cooling - whenever you need it, any time of the year.



*Small, unobtrusive mini-duct outlets are the only visible sign of the virtually noise-free Unico System. Outlets are available in many different finishes and shapes, conveniently sited in the corner of a room, in the floor or under kitchen units.*

*Unico's unique mini-ducts can be installed in wall cavities, and ceiling voids, giving you more freedom and making the system suitable for even historic and listed buildings.*

**Heating, cooling or both - with built-in ventilation and humidity control.**



# THE UNICO SYSTEM - WHATEVER YOUR BUILDING NEEDS



The Unico System is ideal for almost any application where comfort, sustainability, value and freedom of space are prime considerations. Whatever your building needs, Unico System provides the solution.

## AT-A-GLANCE HEATING AND COOLING CAPACITIES WITH DIMENSIONS

### System 1218

310mm (h) x 500mm (w) x 970mm (l)  
COOLING: 3.3 kW to 5.0kW  
HEATING: 3kW to 11kW



### System 3642

455mm (h) x 930mm (w) x 960mm (l)  
COOLING: 10kW to 15kW  
HEATING: 11kW to 27kW



### System 2430

455mm (h) x 640mm (w) x 960mm (l)  
COOLING: 7kW to 10kW  
HEATING: 3kW to 11kW

### System 4860

455mm (h) x 930mm (w) x 960mm (l)  
COOLING: 15kW to 18kW  
HEATING: 24kW to 30kW

## THE UNICO SYSTEM

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