

INCOGNITO®

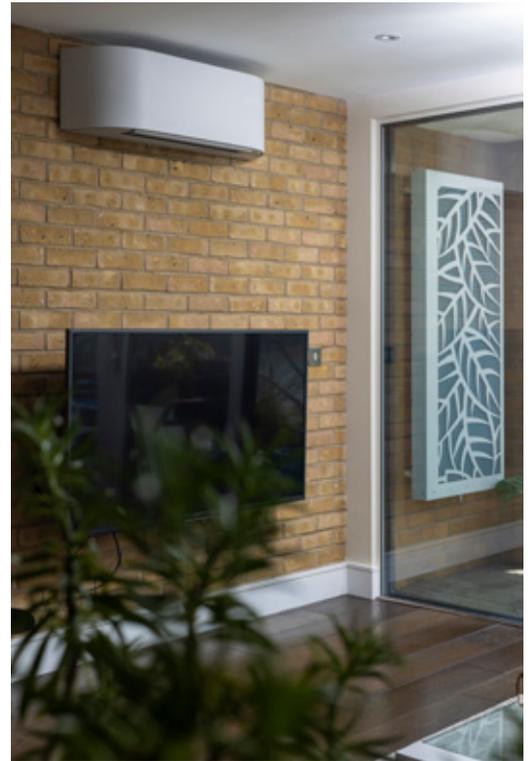
Residential Air Conditioning

A guide to specifying innovative air conditioning solutions for houses, flats, apartments, properties in conservation areas and listed buildings.



Applications & Features

Introducing our new patent-pending Incognito® air conditioning range specially designed for modern flats and apartments. Urban Cooling has re-engineered the conventional external condenser unit, changing it from a noisy and unsightly box, to a virtually silent, ultra slim outdoor component with a designer look that complements the building design.



Features & Benefits

- Cooling & Heating
- Disguised & Discreet Outdoor Condenser Coil
- Highly Energy Efficient
- Space Saving Compact Design
- Quiet Internal or 'Boxed In' External Condenser
- Full Range of Internal Units – Wall, Floor & Ceiling Mounted
- Very Quiet Condenser Coil
- Whisper Quiet Indoor Units
- Optional – Wi-Fi App Control
- A++ Energy Efficiency
- COP 4.3 score

“Slim profile unit design that complements the building.”

Applications:

- Houses
- 1-2 bedroom flats & apartments
- Properties in conservation areas
- Listed buildings

How Does it Work?

Instead of using a conventional external condenser, our Incognito® condenser units are split into two components; a compressor box that can be installed internally or externally, and a condenser coil located externally, such as a balcony.

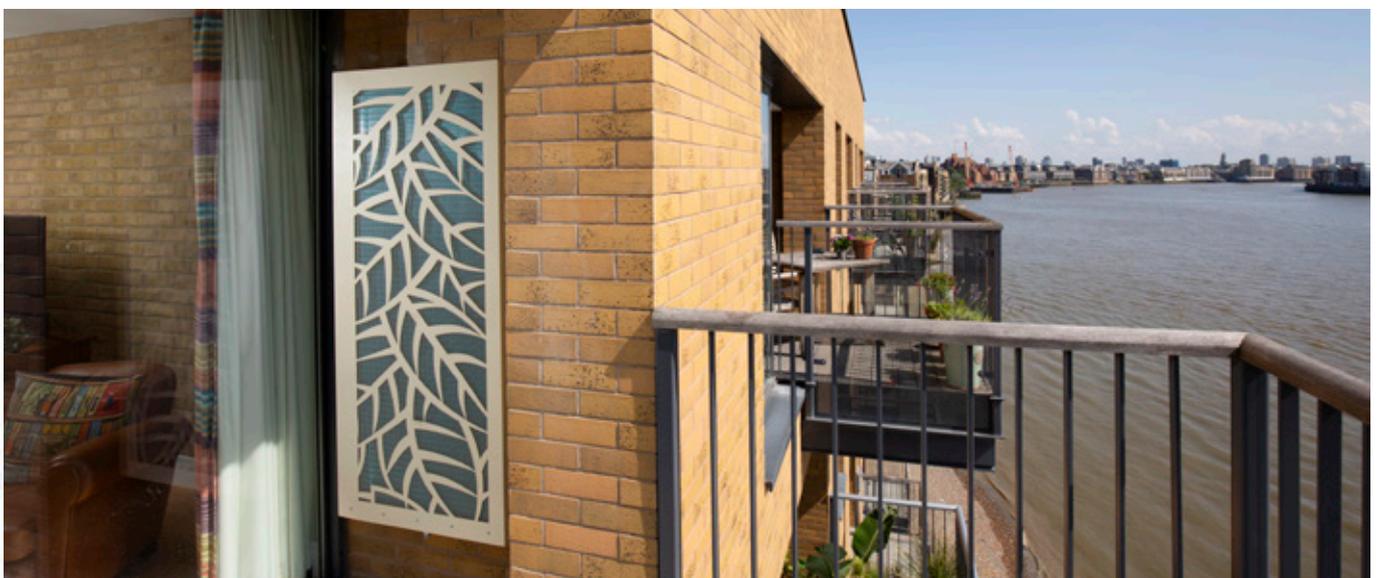
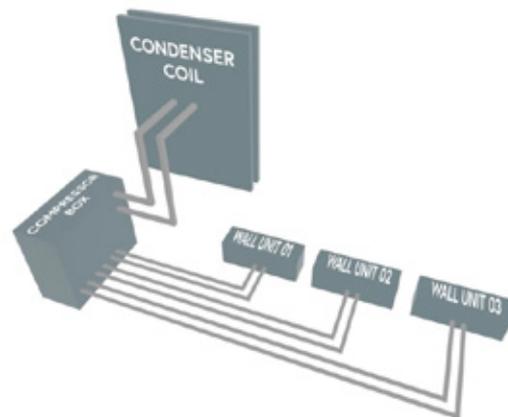


By splitting the major components, the compressor box can be packaged up into a smaller and quieter housing, which in turn allows for more locations for it to be installed. Heat absorbed from the apartment can be rejected from the designer slim profile condenser coil in the summer months or heat discharged into the apartment in the winter months.

The compressor box is then connected via refrigerant pipework to the internal units that discharge the conditioned air. Internal units can be wall, floor, or ceiling mounted, just like conventional air conditioning indoor units.

Internal pipework, communication cables and condensate drains can be hidden within partition walls, above false ceilings or buried under screed floors.

- 1 Wall Units**
- 2 Compressor Box**
Unit can be installed internally or externally.
- 3 Condenser Coil**
Located on the balcony or outdoor space.



Design Options



Specifications are subject to change over time due to ongoing product improvements and technological advancements, and may differ slightly from the printed information.

Condenser Coil Options

All of our condenser screens can be powder coated to colour of your choice. Whether you want it to make a bold statement or seamlessly blend in, the choice is yours. (See styles below).



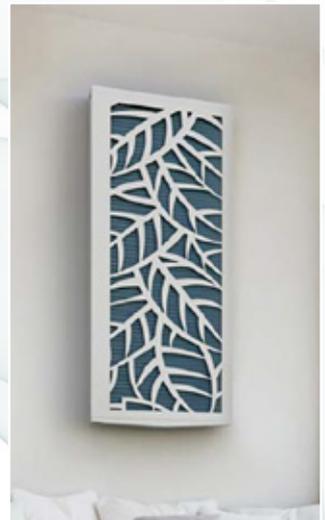
Spiders Web



Tiles



Cubes



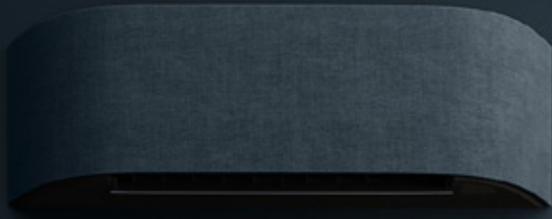
Leaf

Internal Unit Options

Urban Classic Wall Unit



We can spray these units any RAL colour to match your internal décor.



Urban Designer Wall Unit



Ducted Unit



Condenser Dimensions

SMALLEST CONDENSER:

- 495mm x 500mm x 285mm
- 39kg

LARGEST CONDENSER:

- 790mm x 630mm x 325mm
- 68kg

Performance



INCOGNITO®

Compressor Box

Technical Specification



COMPRESSOR BOX		
Model	UBC_COMP50	UBC_COMP75
Cooling Capacity	5.2kW	7.5kW
ERR	4.44	3.75
SEER	6.8	6.19
Energy Efficiency Class	A++	
Heating Capacity	5.6kW	9.0kW
COP	4.3	4.09
SCOP	4.6	4.44
Energy Label Rating	A++	

ELECTRICAL SPEC		
Rated Voltage	230V 50Hz	
Running Current	5.5A	8.5A
Input Power (max)	1.9kW	2.47kW
Recommended Fuse	16A	20A

MECHANICAL		
Refrigerant	R32	
Refrigerant Charge	0.9kg	2.3kg
GWP / CO2/eq	675 / 1.42t	
Additional Gas Amount (over 15m)	10g/m	
Maximum Pressure - High Side	4.15mpa	
Maximum Pressure - Low Side	2.05mpa	
Protection	HP Switch & Temperature Sensor	

PHYSICAL		
Dimensions W/D/H (mm)	500x285x495	630x325x790
Weight	39kg	67kg
Pipe Connections (refrigerant side)	2 x 1/4 & 2 x 3/8	3 x 1/4 & 3 x 3/8
No. Connectable Units	2	3
Sound Pressure	44dB(a)	49dB(a)
IP Rating	IPX 4	



INCOGNITO®

Condenser Coil

Technical Specification

CONDENSER COIL		
Model	UBC_ICC50	UBC_ICC75
ELECTRICAL SPEC		
Rated Voltage	230V 50Hz	
Running Current	0.5A	
Input Power (max)	45W	
Power Fed From	Compressor	
MECHANICAL		
Refrigerant	R32	
Refrigerant Charge	As Per Compressor Box	
GWP / CO2/eq	As Per Compressor Box	
Additional Gas Amount (over 15m)	As Per Compressor Box	
Maximum Pressure - High Side	4.15mpa	
Maximum Pressure - Low Side	2.05mpa	
Cooling Capacity	As Per Compressor Box	
Heating Capacity	As Per Compressor Box	
Protection	N/A	
PHYSICAL		
Dimensions W/D/H (mm)	640x140x1520	
Weight	33kg	
Pipe Connections (refrigerant side)	3/8 & 1/2	
No. Connectable Units	As Per Compressor Box	
Sound Pressure	35dB(a)	
IP Rating	IP68	

Sustainability

Our discreet, energy-saving air conditioning technology achieves an A++ efficiency rating, contributing to an overall healthy and performance-driven building for people and the planet.



Interested in finding out more?

If you have any questions about our internal air conditioning solutions or would like to discuss them further with one of our air conditioning experts, please contact us and we'll be happy to help. Simply choose one of the options below to contact us.

Contact our Solutions
Manager to find out more:

Call:
01634 563299

Email:
info@urbancoolingsolutions.com

