Internal Water Cooled Air Conditioning

Designed for Flats, Apartments and Listed Buildings

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Do you live in an apartment or listed building and have been told you can't have air conditioning that requires an external condenser?

- Can the temperature inside your home get uncomfortable?
- Would you like to sleep better at night?
- Are you restricted from making external modifications to your property.
- Are you reluctant to open the windows in your property due to outside noise and air pollution?

We have a solution for you!

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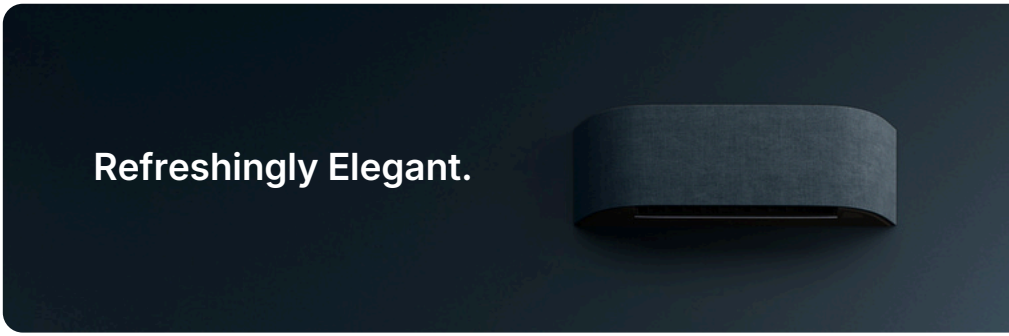
The Solution



Our Water Cooled system is fully internal and doesn't require an external condenser, unlike conventional air conditioning systems. This means that no external modifications are required to be made to your property — no need to drill through walls, obtain management consent or planning permission.

The Water Cooled system is fully internal due to the way in which the condenser displaces heat. In a conventional system, the heat is displaced into the air, whereas a Water Cooled system uses cold mains water to cool the refrigerant.

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The condenser unit is also very compact and can easily be concealed out of sight, as long as there is a connection to a water supply and waste pipe.

We offer a range of indoor units — wall mounted, floor mounted or ducted — that are connected to the Water Cooled condenser.

To get an accurate quote, we'll need to carry out a Video Consultation. See page 13 for details.

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Features & Benefits

Very energy efficient

Our internal Water Cooled air conditioning system is rated A+ for electrical energy efficiency.

Compact condenser design

They are perfect for properties where space is at a premium. The smallest condenser we have is just 495mm x 500mm x 285mm.

Low external noise

Our condensers operate at a similar volume to a quiet washing machine. They can also be installed in a cupboard or with optional egg-shell acoustic lining on the inside of the cupboard door to hide the noise further.

Less maintenance

Our units are designed with quality in mind, allowing them to provide cooling for a long time with no fuss. This also means that maintenance isn't required on them as frequently as a typical system on the market.

Installed & maintained by our own engineers

Our accredited and experienced team of engineers are friendly, professional, discreet and tidy. Each system only takes 1 day to install per room.

No external condenser required

If you live in a flat, apartment or listed property with no external space then you will require an internal air conditioning solution without an external condenser.

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Who is this for?

Our water cooled air conditioning solutions can be installed in a variety of residential and small commercial properties.

For properties such as flats, apartments, listed buildings and buildings in conservation areas it is the only integrated air conditioning solution available.

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Why invest in Water Cooled Air Conditioning?

Sleep Better...

Are you exhausted because you struggle to sleep when it's hot? Do you want to wake up feeling refreshed, energised, and ready to tackle the day ahead thanks to a cool night's sleep?

Getting a good night's sleep is essential to your overall health, well-being and everyday mood. That's why having an air conditioning system that not only cools your bedroom but also improves the air quality by reducing allergens and pollutants can lead to a better overall quality of life.

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Why invest in Water Cooled Air Conditioning?

Work Better...

Do you work from home in a hot and stuffy property? Do you feel uncomfortable and therefore a lot less productive?

Having an air conditioning system provides a cool and comfortable environment for you to work in, boosting your concentration and productivity levels. No more feeling sluggish and irritable during long work hours!

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Why invest in Water Cooled Air Conditioning?

Live Better...

Don’t let unbearable temperatures in the summer months stop you from enjoying your home.

By installing air conditioning without an outdoor unit you can enjoy more time at home with family and friends in a cool and comfortable environment.

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Indoor Units Options

Wall Mounted Unit / **Urban Signature**

Urban Signature Range

multi-room installations

CLICK TO VIEW BROCHURE

*If the link does not work visit the URL: https://www.urbancooling.com/assets/urban-signature-brochure

With the Urban Signature range, our internal water cooled condenser is paired with Toshiba's Seiya wall-mounted units. These compact, understated units deliver A++ energy efficiency and come with Wi-Fi connectivity as standard, so you can control your system from anywhere via your smartphone or tablet.

Guide Prices	1 ROOM	2 ROOMS	3 ROOMS	4 ROOMS	5 ROOMS
	approx. £4,840	approx. £8,820	approx. £12,300	approx. £15,480	approx. £18,520
	VAT 0%	VAT 0%	VAT 0%	VAT 0%	VAT 0%

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Indoor Units Options

Wall Mounted Unit / **Urban Designer**

Urban Signature Range

multi-room installations

CLICK TO VIEW BROCHURE

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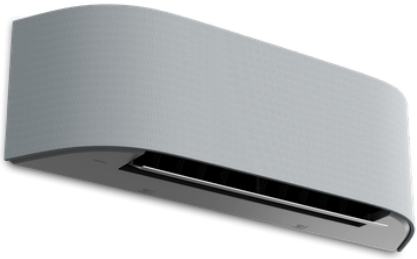

Our Urban Designer range combines our Water Cooled condensers with a sleek, modern wall-mounted unit. With swappable textile covers, this unit is able to be customised to match the style of any room. Not only that, the wifi app control, whisper-quiet operation, reliability, leading air quality and purifier air filtration really do make this a premier water cooled air conditioning solution.

Guide Prices	1 ROOM	2 ROOMS	3 ROOMS	4 ROOMS	5 ROOMS
	approx. £5,210	approx. £9,870	approx. £13,200	approx. £16,940	approx. £19,800
	VAT 0%	VAT 0%	VAT 0%	VAT 0%	VAT 0%

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Indoor Units Options

Ducted Unit / **Urban Ducted**

Urban Ducted Range

multi-room installations

Our Urban Designer range combines our Water Cooled condensers with a sleek, modern wall-mounted unit. With swappable textile covers, this unit is able to be customised to match the style of any room. Not only that, the wifi app control, whisper-quiet operation, reliability, leading air quality and purifier air filtration really do make this a premier water cooled air conditioning solution.

Guide Prices

Our Urban Ducted units are available at an additional cost of £1,200 per room. Please note that a ceiling void or bulkhead of at least 250mm is required in order to accommodate a ducted unit.

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Water Cooled Condenser

If you are considering 3 or more units, you will need additional electrical work as a larger amp supply is required. We can arrange this for you. Our electricians charge between £350 to £500 plus VAT, which is paid directly to them. You also have the option of sourcing your own contractors for the additional work.

PLEASE NOTE: ALL PRICES ARE SUBJECT TO A VIDEO CONSULTATION AND ARE INCLUSIVE OF SUPPLY AND INSTALLATION.

UK CA

Our condensers conform to UKCA standards

Condenser Dimensions:

Smallest condenser:
495mm x 500mm x 285mm - 35kg

Largest condenser:
985mm x 505mm x 330mm - 92kg

PLEASE NOTE: THE CONDENSER INCREASES IN SIZE THE MORE WALL UNITS THAT ARE REQUIRED.

Single Condenser	2 Port Condenser	4 Port Condenser
CLICK TO VIEW SPEC	CLICK TO VIEW SPEC	CLICK TO VIEW SPEC

*If the links do not work the condenser spec sheets can be viewed on pages 18-20.

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Getting a Quote

As every property's needs are different, we need to take a look around your property to provide you with an accurate quote. We do this by completing a 20 minute Video Consultation.

What is a Video Consultation?

At your schedule time, one of our specialist surveyors will video call you using WhatsApp or FaceTime. You'll then simply walk them through the rooms you'd like cooled, take a few measurements together (you'll need a tape measure handy), and show where you'd like your units installed. This will also be the time to ask any questions you may have.

From this consultation, your surveyor will prepare a prepare and send you an accurate quote tailored specifically to your property.

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Getting a Quote

What is a Pre-installation Survey?

Once you've accepted your quote, we'll schedule an in-person survey at your property. During this pre-installation survey, the surveyor will confirm your properties details to ensure there are no surprises on installation day and explain exactly what to expect during the installation process.

If everything's good to go, we'll confirm your final price and set your installation date. In the rare event that additional work is identified during the survey, we'll update your quote accordingly before proceeding.

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Installation Process

Your installation will be carried out by one of our expert teams, who are friendly, professional, discreet and tidy.

We connect each indoor unit to the condenser unit using two insulated refrigerant pipes and communication cables, which run through access holes we cut into the plasterboard. Once fitted, the system is then pressure tested, and the plasterboard access holes are re-installed.

We complete your installation by fully testing and commissioning the system, before providing you with a demonstration.

You may require a decorator to sand, fill and paint the access holes that have been created during the installation. We can either put you in touch with one of our recommended decorators or you can source your own. If you choose to use one of our decorators, this will usually charge: £350 for 1 to 3 holes, £400 for 4 to 6 holes, £450 for 7 to 9 holes, £650 for 10 to 12 holes, £700 for 13 to 15 holes.

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Warranty & Aftercare

We offer a full parts and labour warranty for 12 months. This warranty can be extended for an additional two years with
full parts and labour coverage, followed by a further two years covering parts only. An extension of the warranty is subject to an annual service being completed by our aftercare and maintenance team, where it is cleaned, tested, and checked.

Our annual maintenance charges are as follows:

- 200 + VAT for one to three indoor units
- £250 + VAT for four to seven indoor units
- £300 + VAT for eight + units

(Prices subject to change depending on how many condensers are installed)

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Why Urban Cooling?

We have over 40 years of combined experience installing all types of air conditioning solutions into residential, commercial, retail and leisure premises.

All of our friendly installation team are experienced F-Gas registered engineers.

1. Match Your Decor, Even When You Redecorate

Our Urban Designer offers changeable textile covers to match your room's decor.

2. Try Before You Buy

We have a demonstration centre which you can visit.

3. 1000+ Installs by Approved F-Gas Installers

We've completed over 1000 installations across the UK.

4. Competitive Pricing

You'll be hard pushed to find another supplier who has a comparable solution at a lower price.

5. No Leftover Holes, Marks Or Mess - Guaranteed!

Our quotes have a 'making good' element to ensure we leave your apartment looking as good as when we entered.

6. Designed and Assembled in the UK

Our Urban Designer offers changeable textile covers to match your room's decor.

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Next Steps

1. If you would like a ‘no obligation’ quote, please contact us on 020 8080 9708 to arrange a video consultation at a time that suits you.

2. You will then have an opportunity to speak directly with an engineer who will provide you with an accurate quote and answer any specific questions you may have regarding your property.

Contact information

Email:
info@urbancooling.com

Telephone:
020 8080 9708

Office Hours:
8:30am-16:30pm (Mon-Fri)

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Water Cooled Condenser
Model UBC1P_35M
Technical Specification

Compressor Box	
Model	UBC1P_35M
Electrical Spec	
Rated Voltage	230V 50Hz
Running Current	5.0A
Input Power (max)	1.16Kw
Recomended Fuse	13A
Mechanical	
Refrigerant	R32
Refrigerant Charge	0.75kg
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
Cooling Capacity	3.5Kw
Heating Capacity	N/A
Protection	HP Switch & Temperature Sensor
Physical	
Dimensions W/D/H mm	500x285x495
Weight	39kg
Pipe Connections (refrigerant side)	1 x 1/4 / 1 x 3/8
Pipe Connections (water side)	22mm
Heat Exchanger	BPHE
Sound Pressure	39dB(A)
IP Rating	IPX4
Conformity	UKCA

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Water Cooled Condenser
Model UBC2P_50M
Technical Specification

Compressor Box	
Model	UBC2P_50M
Electrical Spec	
Rated Voltage	230V 50Hz
Running Current	5.5A
Input Power (max)	1.69Kw
Recomended Fuse	13A
Mechanical	
Refrigerant	R32
Refrigerant Charge	0.9kg
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
Cooling Capacity	5Kw
Heating Capacity	N/A
Protection	HP Switch & Temperature Sensor
Physical	
Dimensions W/D/H mm	500x285x495
Weight	39kg
Pipe Connections (refrigerant side)	1 x 1/4 / 1 x 3/8
Pipe Connections (water side)	22mm
Heat Exchanger	BPHE
Sound Pressure	39dB(A)
IP Rating	IPX4
Conformity	UKCA

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Water Cooled Condenser
Model UBC4P_68M
Technical Specification

Compressor Box	
Model	UBC4P_68M
Electrical Spec	
Rated Voltage	230V 50Hz
Running Current	8.4A
Input Power (max)	2.47Kw
Recomended Fuse	16A
Mechanical	
Refrigerant	R32
Refrigerant Charge	2.0kg
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
Cooling Capacity	6.8Kw
Heating Capacity	N/A
Protection	HP Switch & Temperature Sensor
Physical	
Dimensions W/D/H mm	630x325x790
Weight	67kg
Pipe Connections (refrigerant side)	4 x 1/4 / 4 x 3/8
Pipe Connections (water side)	22mm
Heat Exchanger	BPHE
Sound Pressure	44dB(A)
IP Rating	IPX4
Conformity	UKCA

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