



# Internal Water Cooled Air Conditioning

Designed for Flats, Apartments  
and Listed Buildings

# Contents

- 01** Told You Can't Have Air Conditioning?
- 02** The Solution
- 04** Features & Benefits
- 05** Who Is This For?
- 06** Why Invest In Water Cooled Air Conditioning?
- 09** Indoor Unit Options
- 13** Book A Site Survey
- 14** Installation
- 15** Warranty & Aftercare
- 16** Why Urban Cooling?
- 17** Next Steps
- 18** Single Port Water Cooled Condenser
- 19** Two Port Water Cooled Condenser
- 20** Four Port Water Cooled Condenser



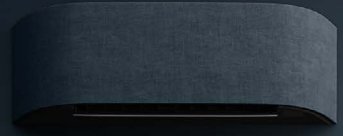
**Do you live in an apartment or listed building  
and have been told you can't have air conditioning that  
requires an external condenser?**

- 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!**

# The Solution

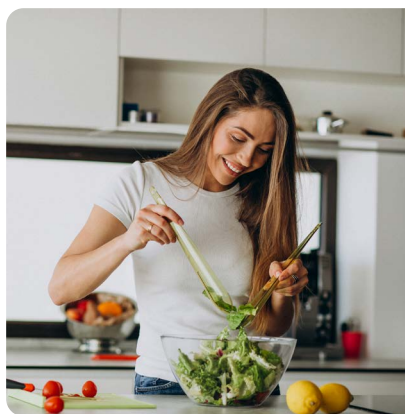
**Refreshingly Elegant.**



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.

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 site survey (video or on-site). See page 13 for details.

# Features & Benefits

## ✓ Very energy efficient

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

## ✓ 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.

## ✓ 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.

## ✓ 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.

## ✓ 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.

## ✓ 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.



# 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.



# Why invest in Water Cooled Air Conditioning?

Air conditioning goes beyond just keeping you refreshed.

**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.



## 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!

## 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.

# Indoor Units Options

## Wall Mounted Unit / Urban Compact

### Urban Compact Range

multi-room installations



The Urban Compact range is ideal for properties that are limited on space or want a more discreet system. This solution not only offers functionality but also provides the flexibility to customise the wall units in one of four colours so they blend with the decor of your home.

Choose from our range of colours to make your wall units match your property.

Stone



Ivory



Urban Grey



Silver Grey



### Prices

#### 1 ROOM

approx.  
**£3,990**

VAT  
**0%**

#### 2 ROOMS

approx.  
**£6,940**

VAT  
**0%**

#### 3 ROOMS

approx.  
**£9,520**

VAT  
**0%**

To provide you with an accurate quote for your situation we need to carry out a Site Survey of your property. Please see page 13 for details.

# Indoor Units Options

## Wall Mounted Unit / Urban Classic

### Urban Classic Range

multi-room installations



\*If the link does not work visit the URL:  
<https://www.urbancooling.com/assets/classic-brochure>



With the Urban Classic range, our internal Water Cooled condenser is connected to Panasonic's Etherea wall mounted units. These units boast a sleek and stylish design available in three colours (white, silver, grey) and feature advanced smart control, voice assistant capability, concentrated airflow, and nanoe™ X air cleaning technology.

Prices	1	2	3	4	5
	ROOM	ROOMS	ROOMS	ROOMS	ROOMS
	approx.	approx.	approx.	approx.	approx.
	£4,600	£8,380	£11,700	£14,900	£17,600
	VAT	VAT	VAT	VAT	VAT
	0%	0%	0%	0%	0%

# Indoor Units Options

## Wall Mounted Unit / Designer Range

### Urban Designer Range

multi-room installations



\*If the link does not work visit the URL:  
<https://www.urbancooling.com/assets/designer-brochure>

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.



Prices	1	2	3	4	5
	ROOM	ROOMS	ROOMS	ROOMS	ROOMS
	approx. £4,950	approx. £9,380	approx. £12,575	approx. £16,100	approx. £19,100
	VAT 0%	VAT 0%	VAT 0%	VAT 0%	VAT 0%

# Indoor Units Options

## Ducted and Floor Mounted

These indoor units come at an extra cost of £1200 per unit.

# UK CA

Our condensers conform to UKCA standards

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 SITE SURVEY AND ARE INCLUSIVE OF SUPPLY AND INSTALLATION.



### 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



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



# Book A Site Survey

In order to provide you with an accurate quote, we need to conduct a site survey of your property. We offer two types of surveys - an On-site and Video Survey.

Both of our survey options are completely FREE, and there is never an obligation to buy.

## How Does An On-site Survey Work?

An engineer will attend and survey your property at a time convenient to you. During the visit, they'll measure and determine the best installation approach and be on hand to answer any questions you may have.



## How Does A Video Survey Work?

Using WhatsApp or FaceTime, you'll be required to guide the engineer around your property using your mobile device and show them the rooms where you would like air conditioning (please note you'll need a tape measure handy). Again, just like the on-site survey, the engineer will be able to answer any questions you may have.



# Installation



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 cost £350 for up to 10 access holes and would be payable directly to them.

# 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.

The service fee is paid monthly at a cost of £20 p/m (including VAT) for 1-3 indoor units and £25 p/m (including VAT) for 4 -7 indoor units. This cost is collected via a monthly direct debit.

# 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. Try Before You Buy

We have a demonstration centre which you can visit.



## 2. Cool & Comfortable In 7 Days

We pride ourselves on minimising the time you wait for installation.



## 3. Quietest Units On The Market

Our internal wall-mounted room units are the quietest on the market.



## 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. A Range Of Air Conditioning Solutions

We offer a range of different AC systems and internal units including, wall-mounted, floor mounted and ducted.

# Next Steps

- 1 If you would like a 'no obligation' quote, please contact us to arrange a video or on site survey at a time that suits you. We can also create a quote from your property's floor plans if that's more convenient.
- 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](mailto:info@urbancooling.com)

Telephone: 020 8080 9708

Office Hours:

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

# 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



# 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



## 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