PuroAire
by Quartz



The broadest range of Fan Coils in the UK

Engineered for Pure Performance

HERONHILL
Conditioned environments since 1997

Who We Are

Quartz, a division of TEV, has a long pedigree in the HVAC sector supplying product to the UK and European markets for over 50 years. Our new manufacturing plant is ideally located for national distribution, in West Yorkshire. Boasting excellent facilities, customers are welcome to visit the production facility, as well as Quartz's thermal and acoustic testing facilities.

Achieved through close attention to market needs, design detail and material specification, Quartz relies on its strong positioning, industry experience and high volume production to deliver quality products to the market.

Quartz is a brand built by engineers and now this team brings you their next generation of fan coils, PuroAire units not only offer energy efficiency and performance, everyone is fitted with Quartz Shield, our own Bi-Polar Ionisation unit, so the focus is on indoor air quality too.

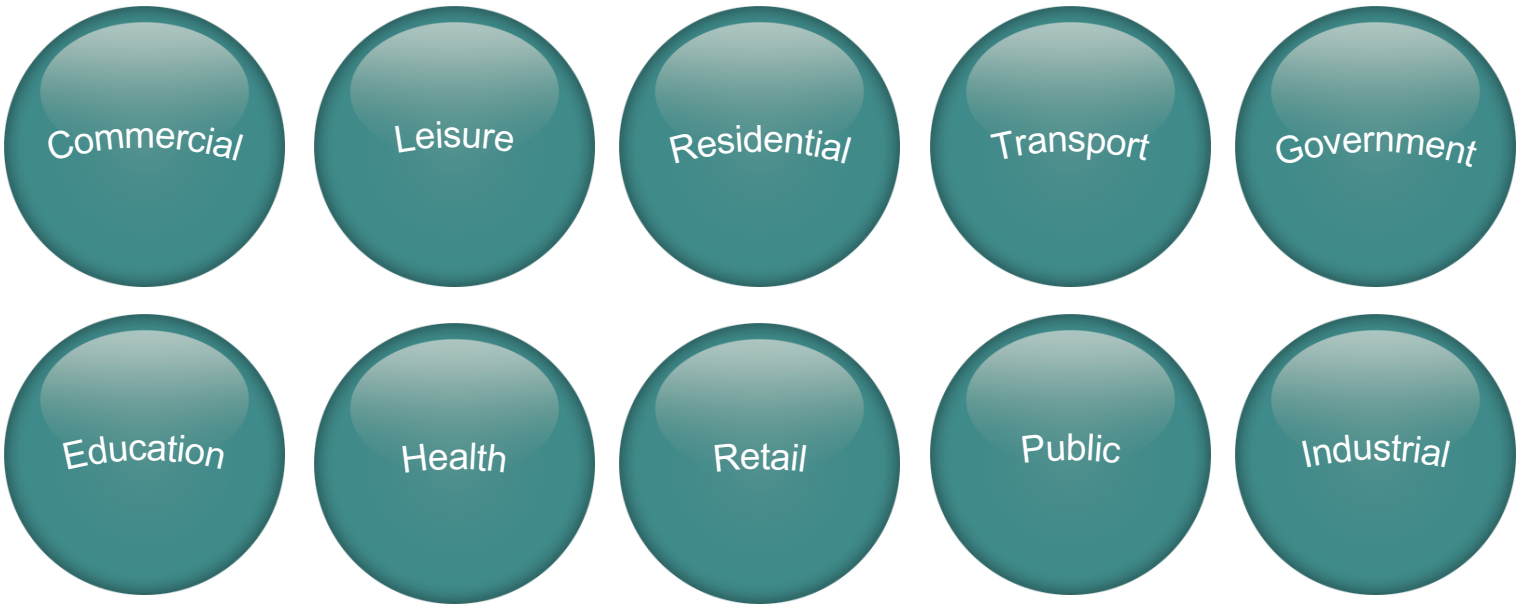
Our broad range of units are intended for the modern world we live in, low energy, architectural and designed to work with heat pumps. Our product can offer a packaged solution to include controls and valves, but can also offer the flexibility to be factory fitted with components that are in line with the rest of the project.

Innovative designs and outstanding build quality mean that your project is in safe hands. Quartz continues to be specified for many prestigious projects, where clients, architects and M&E consultants have chosen Quartz for the quality, performance and features that the products offers.

A MARKET LEADER IN CHILLED WATER PRODUCTS DESIGNED TO MEET ALL APPLICATIONS

Market Sectors

Quartz PuroAire range represent the next generation of HVAC solutions, engineered for efficiency, built for reliability, and designed with comfort in mind. Whether for commercial buildings, hospitality, healthcare, or residential environments our Fancoils deliver exceptional indoor climate control with whisper-quiet operation and outstanding energy performance.



Some of the companies we work with













































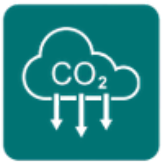








Key Features



Mid Level TM65
Embodied Carbon



UK Manufactured to BS
EN ISO 9001:2015



Quartz Shield Virus
Suppressant Technology



Heat pump compatible



Standard Lead Time 4
Weeks



Compact designs



Comprehensive range of
filters



Flexible Inlet & Discharge
spigot(s) on ducted range



BG29 PICV
Commissioning Sets



High Performance, Low
SFP EC/DC Fan's



Extended St/St drain trays as
standard on ducted range



Exempt from F-Gas
regulations

Quartz Shield
Built in Virus Protection



Quartz SHIELD now provides the solution by significantly improving indoor air quality (IAQ) in buildings through a wide range of product innovations.

- Inhibits the transmission of viruses
- Inhibits the growth of bacteria, mould and allergens
- Kills pollutants within the room
- Oxidises odorous gasses
- Balances static electricity
- Superior performance over air filtration systems
- Reduction of cleaning chemical use
- Safeguarding employees in the workplace
- Promoting well-being to employees
- Reduced sick pay and loss of resource
- Reduced cleaning costs
- Can be retro-fitted to existing installer fan coils

Employer confidence in protecting the workforce in the workplace has never been more important.

The capability to destroy viruses, bacteria and mould, can now be realised through the widespread deployment of ‘Bipolar ionisation’ technology.

QUARTZ SHIELD
BUILT-IN VIRUS PROTECTION

PuroAire 235/285

The next generation Fan Coils, Engineered for Pure Performance

UK Manufactured by Quartz



PuroAire$_{235}$

The Quartz PuroAire$_{235}$ ducted chilled water fan coil unit is part of a versatile product range designed for exposed and concealed ceiling installation in a wide variety of environments, including commercial buildings, hotels, hospitals, and high-end residential properties. All products offer both cooling and heating capabilities using water and are engineered for quiet operation, energy efficiency, ease of installation and easy integration with building management systems (BMS).

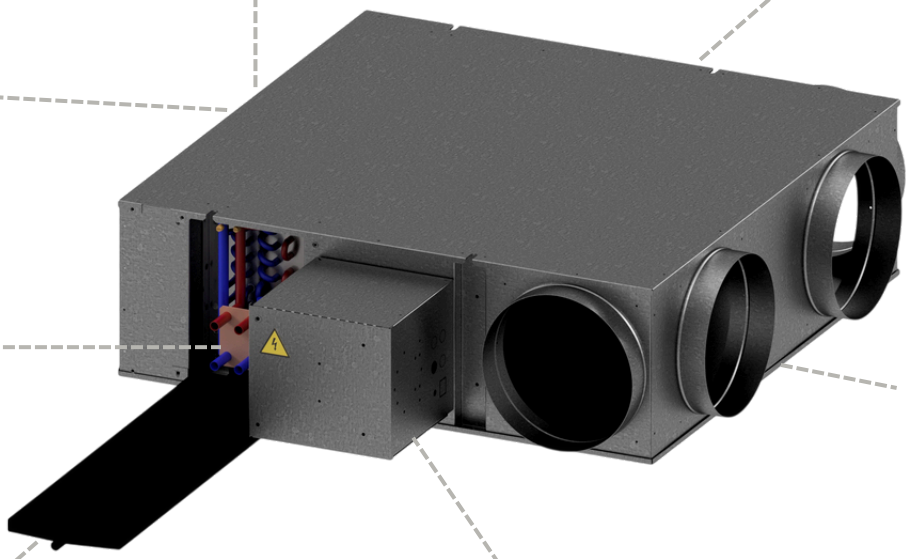
9 models with cooling up to 7.0kW

Heat pump optimised heating outputs up to 9.5kW

Range of Inlet Plenum and Acoustic Attenuators

Optimised heat exchanger(s) compatible with heat pumps

Stainless steel washable filter (Optional)



4 Pipe as Standard

Rectangular Discharge Spigot Optional

Stainless steel PICV compatible Drain Tray

Quartz Shield Virus Suppressant Technology

Stainless Steel Filter and Drain Tray simplify maintenance cleaning and disinfection, ideal for medical applications

QUARTZ 1 Year PARTS WARRANTY AS STANDARD

QUARTZ SHIELD

PuroAire$_{285}$

The Quartz PuroAire$_{285}$ ducted chilled water fan coil unit is part of a versatile product range designed for exposed and concealed ceiling installation in a wide variety of environments, including commercial buildings, hotels, hospitals, and high-end residential properties. All products offer both cooling and heating capabilities using water and are engineered for quiet operation, energy efficiency, ease of installation and easy integration with building management systems (BMS).

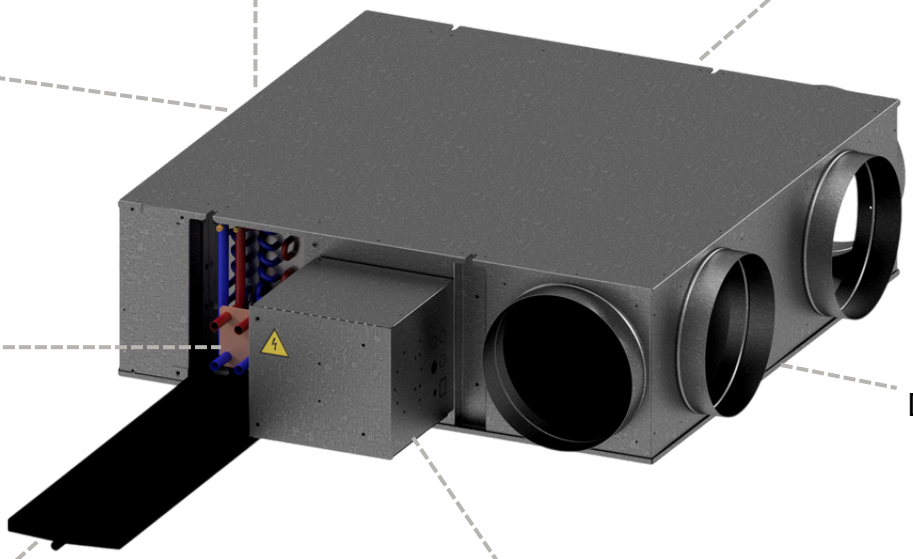
9 models with cooling up to 8.0kW

Heat pump optimised heating outputs up to 12.3kW

Range of Inlet Plenum and Acoustic Attenuators

Optimised heat exchanger(s) compatible with heat pumps

Stainless steel washable filter



4 Pipe as Standard

Rectangular Discharge Spigot Option(s)

Stainless steel PICV compatible Drain Tray

Quartz Shield Virus Suppressant Technology

DESIGNED AND BUILT IN THE UK

Stainless Steel Filter and Drain Tray simplify maintenance cleaning and disinfection, ideal for medical applications

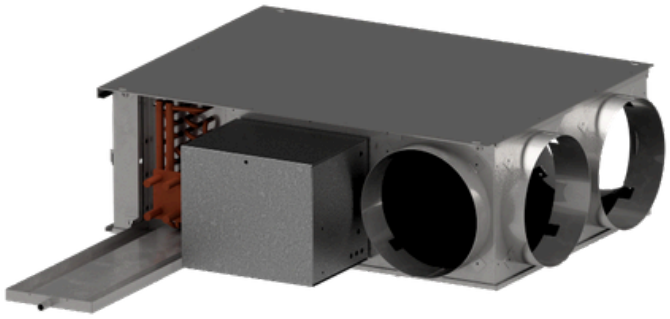
QUARTZ 1 Year PARTS WARRANTY AS STANDARD

QUARTZ SHIELD

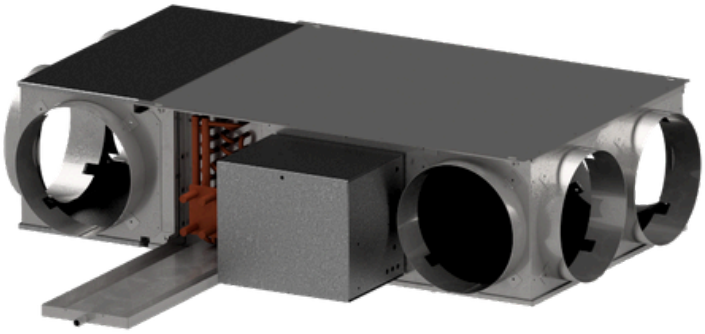
Teleport yourself into the digital era with the smart range of PuroAire$_{285}$ fancoils



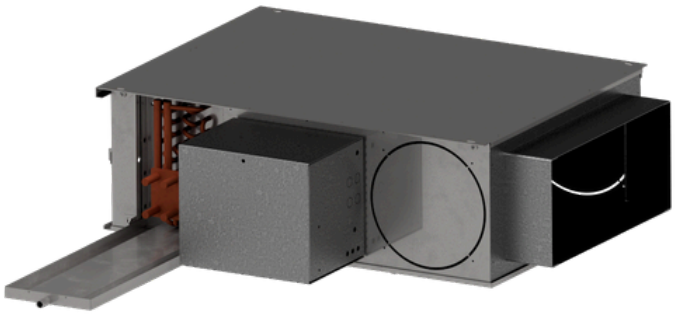
Unit Types



Type C



Type CC



Type R



Terminal 2 Manchester Airport - Manchester



4 St Pancras Way - London

PuroAire ELITE

The next generation Fan Coils, Engineered for Pure Performance

UK Manufactured by Quartz



Enjoy all the comfort with the smart range of PuroAire fancoils



PuroAire$_{Elite}$ (2 Sizes available)

The PuroAire$_{Elite}$ range of Fan coils are engineered to complement modern design aesthetics while delivering high-efficiency performance and whisper-quiet comfort. Our units integrate seamlessly into a wide range of architectural environments, from luxury residences and boutique hotels to commercial spaces and institutional buildings.

6 models with cooling up to 6.2kW

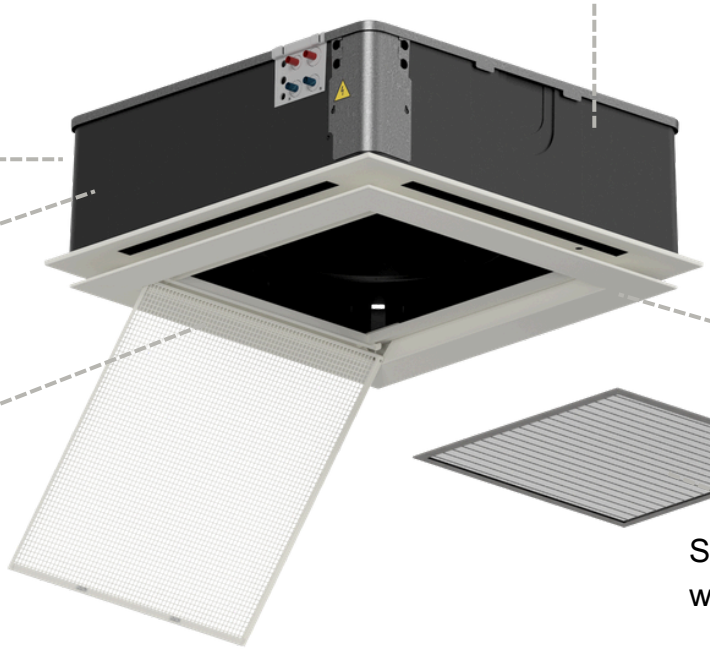
Heat pump optimised heating outputs up to 9.3kW

Optimised heat exchanger compatible with heat pumps

Quiet Operations

4 Pipe as Standard

Bi-Polar Quartz Shield



Sleek, Architectural Fascia

Stainless steel washable filter

Simple maintenance cleaning and disinfection, ideal for medical applications

DESIGNED AND BUILT IN THE UK

QUARTZ 3 Year PARTS WARRANTY AS STANDARD

QUARTZ SHIELD

With sleek profiles and compact footprints the PuroAire$_{Elite}$ gives architects the freedom to design without compromise, ensuring our systems enhance rather than interrupt the spatial experience





Total peace of mind, built in Britain, built to last.



Transforming NHS facilities and University campuses the PuroAire range of ceiling cassettes offer discreet, high performance climate control across all sectors



PuroAire 600/875

The next generation Fan Coils, Engineered for Pure Performance

UK Manufactured by Quartz



PuroAire$_{600/875}$

The Quartz PuroAire$_{600/875}$ cassette water fan coil units are part of a versatile product range designed for exposed or concealed ceiling installation. The product range suit a wide variety of environments, including commercial buildings, hotels and hospitals. The PuroAire$_{600-875}$ offers both cooling and heating capabilities as well as 2 pipe changeover utilising renewable technologies. The range is engineered for quiet operation, energy efficiency, ease of installation and easy integration with building management systems (BMS).

7 models with cooling up to 6.9kW

Heat pump optimised heating outputs up to 14.4kW

Branch duct and Fresh air Inlet options

4 Pipe model as standard



4 Way Discharge for even spread of air

Easy serviceability with one piece chassis and filter access from underneath

RAL 9003 Signal White as standard

QUARTZ 1 Year PARTS WARRANTY AS STANDARD

QUARTZ SHIELD



Catterick Integrated NHS - North Yorkshire



University of Leeds - Leeds



Battersea Power Station - London



Ash Road - Woking

PuroAire WM

The next generation Fan Coils, Engineered for Pure Performance

UK Manufactured by Quartz



PuroAire$_{WM}$

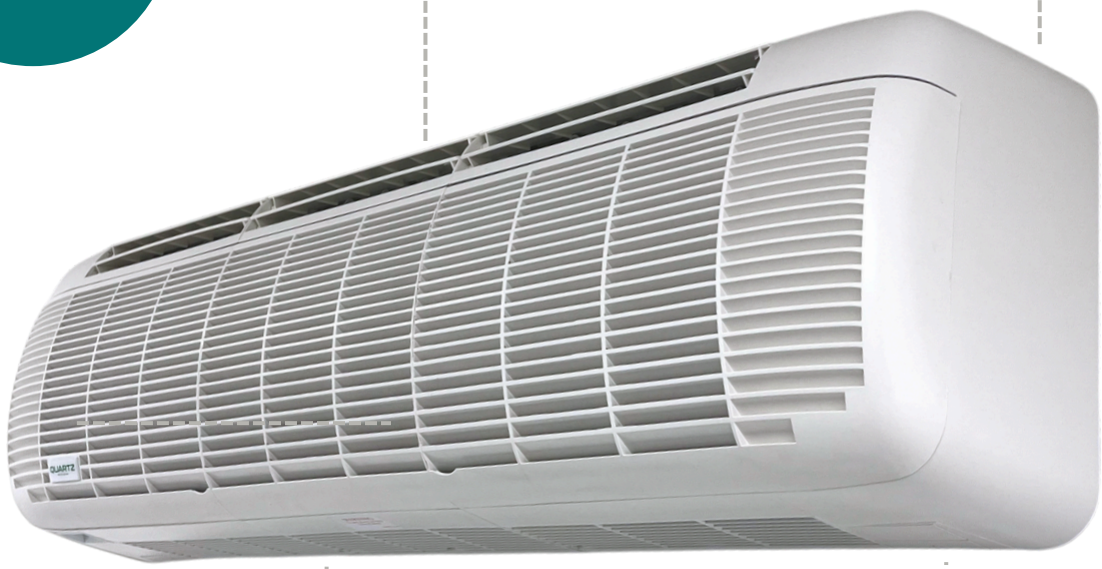
The Quartz PuroAire$_{WM}$ wall mounted water fan coil unit is part of a versatile product range designed for high wall installation. The PuroAire$_{WM}$ utilises the Coanda effect thanks to it's top air discharge allowing long air throws. Products suit a wide variety of environments, including commercial buildings, hotels and hospitals. The PuroAire$_{WM}$ offers both cooling and heating capabilities as well as 2 pipe changeover utilising renewable technologies. The range is engineered for quiet operation, energy efficiency, ease of installation and easy integration with building management systems (BMS).

3 models with cooling up to 4.1kW

Heat pump optimised heating outputs up to 3.0kW

2 and 4 Pipe models

Top Air Discharge to make use of 'Coanda' effect



Integral ABS Drain tray

Quartz Shield Virus Suppressant Technology (Optional)

RAL 9003 Signal White as standard

QUARTZ 1 Year PARTS WARRANTY AS STANDARD

QUARTZ SHIELD

PuroAire$_{WMMini}$

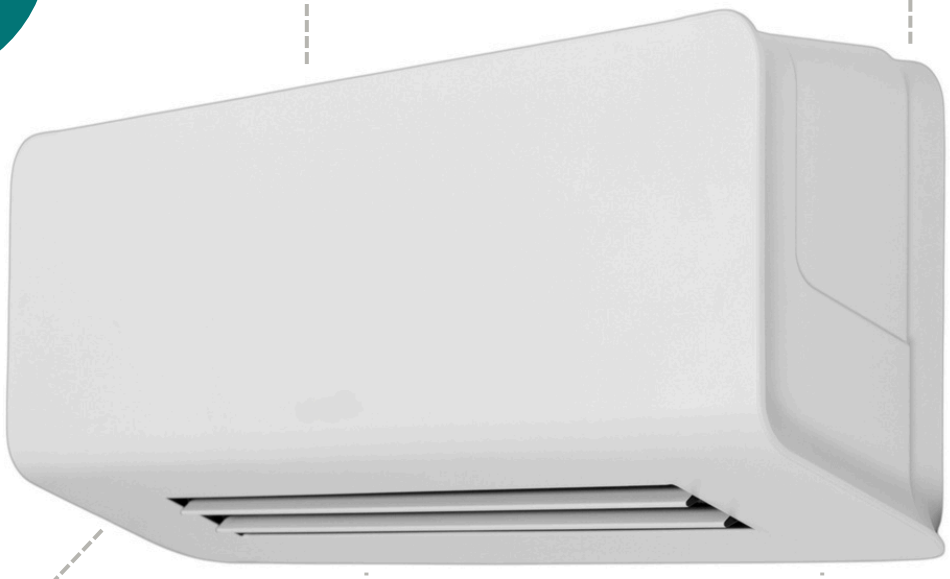
The Quartz PuroAire$_{WMMini}$ wall mounted water fan coil unit is part of a versatile product range designed for high wall installation. Available in 2 sizes the product range suits a wide variety of environments, including commercial buildings, boutique hotels, residential and hospitals. The PuroAire$_{WMMini}$ is 2 Pipe only offering cooling only, heating only or as a 2 pipe changeover system utilising renewable technologies. The range is engineered for quiet operation, energy efficiency, ease of installation and easy integration with building management systems (BMS).

2 models with cooling up to 2.5kW

Heat pump optimised heating outputs up to 4.8kW

Sleek Modern Aesthetics

2 Pipe only



Integral ABS Drain tray

Manual louvers

Quartz Shield Virus Suppressant Technology (Optional)

RAL 9016 Traffic White as standard

QUARTZ 1 Year PARTS WARRANTY AS STANDARD

QUARTZ SHIELD



40 Liverpool Street - London



National Gallery - London

Total peace of mind, built in Britain, built to last.



The PuroAire range of cased and chassis fan coil units offer quiet, efficient climate control tailored to each installation. Discreetly installed within ceilings, or exposed they preserve design aesthetics while delivering comfort.



PuroAire WCX

The next generation Fan Coils, Engineered for Pure Performance

UK Manufactured by Quartz



PuroAire$_{WCX}$

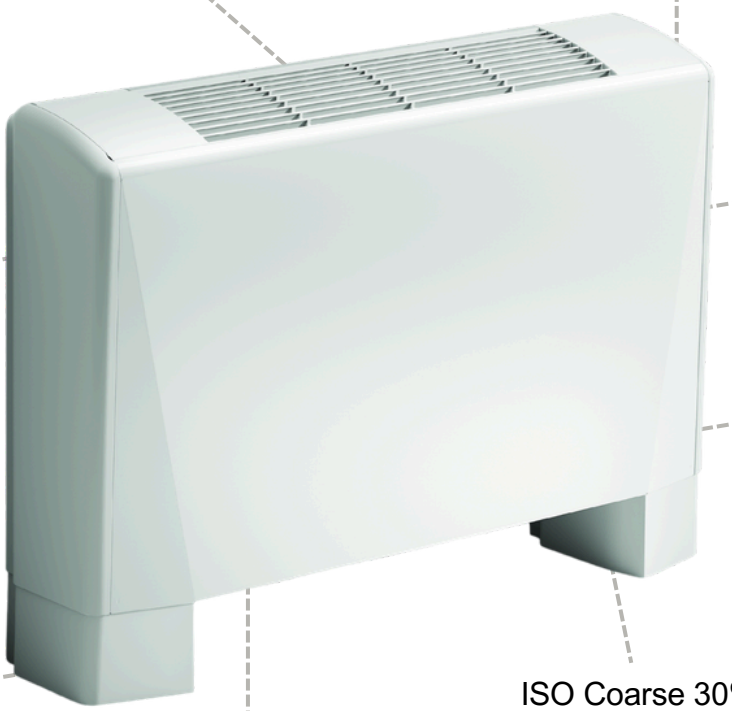
The Quartz PuroAire$_{WCX}$ chilled water fan coil unit is part of a versatile product range designed for exposed wall and ceiling installation in a wide variety of environments, including commercial buildings, hotels, hospitals, and high-end residential properties. All products offer both cooling and heating capabilities using water and are engineered for quiet operation, energy efficiency, ease of installation and easy integration with building management systems (BMS).

6 models with cooling up to 6.1kW

Heat pump optimised heating outputs up to 11.2kW

Fixed, revisible outlet grille(s)

Optimised heat exchanger(s) compatible with heat pumps



RAL 9010 White Cabinet

2 or 4 Pipe as Standard

Wall or Ceiling mountable

OPTIONAL Floor Standing feet

ISO Coarse 30% Washable filter

Quartz Shield Virus Suppressant Technology (Optional)

Type 0 & 5 Cased products

PuroAire$_{WCX}$

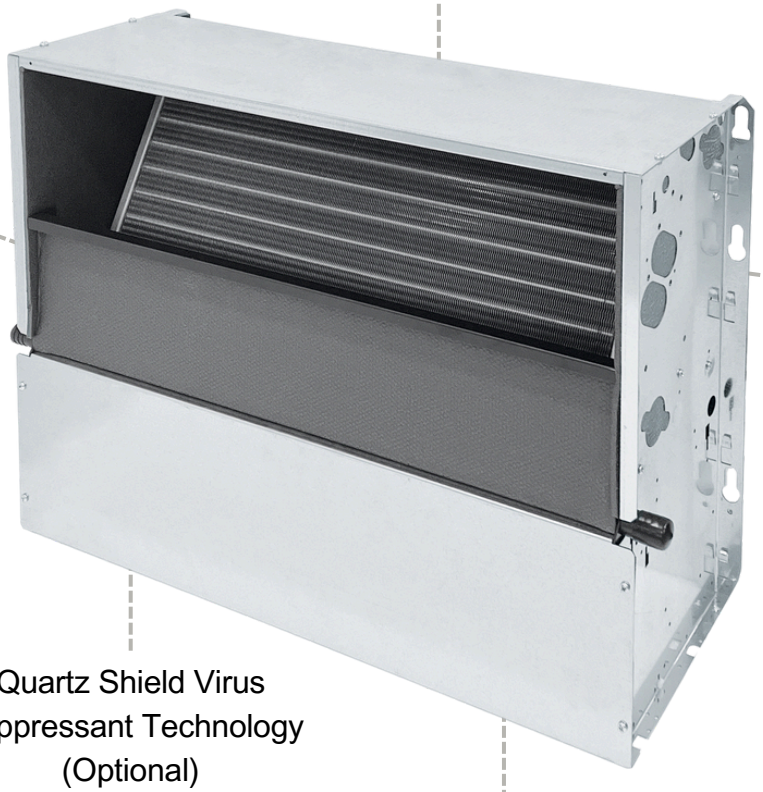
The Quartz PuroAire$_{WCX}$ chilled water fan coil unit is part of a versatile product range designed for concealed wall and ceiling installation in a wide variety of environments, including commercial buildings, hotels, hospitals, and high-end residential properties. All products offer both cooling and heating capabilities using water and are engineered for quiet operation, energy efficiency, ease of installation and easy integration with building management systems (BMS).

6 models with cooling up to 6.1kW

Heat pump optimised heating outputs up to 11.2kW

Optimised heat exchanger(s) compatible with heat pumps

2 or 4 Pipe as Standard



Wall or Ceiling mountable (Type 7 Wall mounted only)

Quartz Shield Virus Suppressant Technology (Optional)

ISO Coarse 30% Washable filter

Type 2 & 7 Chassis products

DESIGNED AND BUILT IN THE UK

QUARTZ 1 Year PARTS WARRANTY AS STANDARD

QUARTZ SHIELD



51 High Street - Windsor



14-16 Stoney Street - London

Unit Types



Type 0



Type 5



Type 2



Type 7
Vertical Only

All Types are fully flexible to be installed as Vertical Wall or Horizontal Ceiling mounted unless stated

The PuroAire$_{WCX}$ range of cased and chassis fan coil units offer a solution no matter what the application.

Build your perfect model!



Continued Professional Development

Fan Coils

- Air Conditioning and Fan Coil Units
- Types of Fan Coil Units
- F Gas Regulations
- Design Parameters

Acoustics

- Sound Pressure vs Sound Power
- NR Qualifications
- Acoustic Measurements
- Absorption

Quartz Shield

- What is Quartz Shield
- How does it work
- Testing and Results
- Case Studies

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Phone: +44 (0) 1484 405600

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