



Meet the new website.

We've redesigned our site to showcase our air handling innovations, project portfolio, and solutions — very easy to navigate, mobile friendly, and full of insight.

Visit: i-flowtechnologies.com to learn more or scan the QR code to visit now



Also find case studies, technical resources, and get in touch with us online.

ABOUT US



i-Flow Technologies is a leading force in the UK HVAC sector, trading since 2020 and backed by over 50 years of combined industry experience. We specialise in engineered ventilation and air movement solutions that deliver performance, efficiency, and long-term value.

As the parent group to **Electroair Ltd** and **EA Air Handlers**, we bring together deep technical expertise and operational strength. Our mission is to provide high-quality, tailored solutions for commercial, industrial, and specialist environments. From manufacturing bespoke air handling units to full-service support and consultancy, i-Flow Technologies is committed to delivering excellence across every project and partnership.

Our Group Structure:

- **Electroair Ltd** – A trusted name in high-performance ventilation, specialising in AHU refurbishment and on-site services, with a reputation built on reliability, innovation, and hands-on customer support.
- **EA Air Handlers** – Specialists in the design and manufacture of bespoke AHUs, offering flexible, project-specific solutions that meet even the most complex application requirement

Backed by experienced engineers, forward-thinking project teams, and dedicated aftercare support, i-Flow Technologies is here to help you move air better — and smarter.

| Strictly Confidential, For Recipient Only

INDEX

Electroair Ltd

04 About Electroair

05 Site Services

- Site Survey
- Dilapidation Reports
- AHU Repair & Refurb
- AHU Removal & Replacement
- Energy Efficient Upgrades
- Complete AHU Support
- Trusted Experience with Proven Performance

EA Air Handlers

12 About EA Air Handlers

14 AHU - Thermal Wheel

16 AHU - Plate Heat Exchanger

18 Pool Units

19 HTM 03-01 Compliant Units

20 Unit Customisation

- Airflow Performance
- Control Packages
- Heating
- Cooling
- Dual Heating & Cooling
- Build Options

Other

28 Servicing & Maintenance

30 Benefits of using us



At Electroair Ltd, we specialise in comprehensive Air Handling Unit (AHU) site services designed to enhance energy efficiency, reliability, and performance. With expertise spanning installation, maintenance, and retrofit solutions, we support building environments that meet modern energy and air quality standards.

Our team is dedicated to delivering tailored solutions that not only extend the lifespan of your AHU systems but also maximize operational efficiency and reduce energy costs. Whether it's a new install, system upgrade, or routine service, Electroair brings technical excellence and a commitment to sustainability to every project.

Let us help you create healthier, more efficient spaces—one AHU at a time.

Industries We Serve

- ✓ Retail Complexes
- ✓ Leisure & Spa Facilities
- ✓ Industrial & Manufacturing Plants
- ✓ Hospitals & Healthcare Facilities
- ✓ Schools, Universities & Public Buildings
- ✓ Office Buildings & Commercial Complexes

Dilapidation Reports

We offer comprehensive dilapidation reporting services to ensure transparency. Our thorough assessments support accountability and provide peace of mind for all parties involved in the project lifecycle.

Site Surveys

We offer a comprehensive AHU site survey to assess the condition, performance, and compliance of existing air handling units to inform effective maintenance, upgrades, or retrofit solutions

AHU Repair

We offer expert AHU repair services to restore system performance, address mechanical faults, and extend the lifespan of your air handling equipment with minimal disruption

AHU Refurbishment

Our AHU refurbishment services provide a cost-effective solution to modernize existing air handling units, improving efficiency, reliability, and compliance without the need for full replacement

AHU Replacement

We provide comprehensive AHU replacement services, delivering custom-engineered solutions that enhance system performance, energy efficiency, and long-term reliability

AHU Energy Saving Upgrades

Our AHU energy-saving upgrade service focuses on enhancing system efficiency through targeted improvements, such as motor upgrades, control optimisation, and heat recovery enhancements—reducing energy consumption and operational costs

AHU Servicing & Service Plans

We offer tailored AHU servicing and preventive maintenance plans designed to ensure optimal performance, reduce downtime, and extend the operational life of your air handling units

SITE SERVICES

Site Survey

Conducting a comprehensive Air Handling Unit (AHU) site survey is essential for ensuring optimal HVAC system performance, energy efficiency, and compliance with current standards. Our AHU site surveys provide a detailed assessment of existing units, including their condition, capacity, accessibility, and integration within the building's mechanical infrastructure. Through on-site inspection and data collection, we identify areas for improvement, potential upgrades, and cost-saving opportunities. Whether for retrofit planning, performance diagnostics, or system replacement, our surveys deliver the insights needed to make informed decisions and extend the lifespan of your HVAC equipment.

Dilapidation Reports

Carrying out an AHU dilapidation report provides a clear understanding of the current state of existing equipment. Our surveys focus on identifying the age, wear, and overall condition of the unit, highlighting any defects, deterioration, or non-compliance issues. We assess key elements such as casing integrity, internal components, corrosion, accessibility, and suitability for continued operation within the building's mechanical infrastructure. The report sets out required repairs, end-of-life risks, and potential upgrade or replacement needs, giving a realistic view of remaining service life. Whether used for lease agreements, asset management, or planning future works, our dilapidation reports offer the detail needed to make informed, cost-effective decisions about your AHU assets.

SITE SERVICES

AHU Repair & Refurbishment

Our AHU Refurbishment and Repair services offer a cost-effective alternative to full unit replacement, restoring performance, efficiency, and reliability while extending the lifespan of your existing system. We specialise in upgrading key components such as fans, coils, dampers, and controls, as well as addressing corrosion, air leaks, and insulation failures. Every refurbishment is tailored to site-specific requirements, minimizing downtime and disruption. Whether part of a planned upgrade or an emergency repair, our expert team ensures your AHU operates at peak efficiency and meets current regulatory and environmental standards.

AHU Removal & Replacement

Our AHU Removal and Replacement Installation service offers a seamless, end-to-end solution for upgrading outdated or failing air handling units. From safe decommissioning and removal of the existing equipment to the precise installation and commissioning of the new system, we manage every stage with minimal disruption to your operations. We specialise in navigating complex site constraints, including restricted access and live environments, ensuring a smooth transition. Each installation is tailored to your building's specific requirements, delivering improved energy efficiency, reliability, and compliance with current building regulations. Trust us to modernize your HVAC infrastructure with minimal downtime and maximum performance.

SITE SERVICES



Full AHU package & Project Management

We deliver complete, end-to-end solutions tailored to your project.

- **Provide Bespoke Manufacturing** - Every AHU is designed and built to your exact requirements. Whether the priority is performance, efficiency, noise reduction, or space-saving design, we create a unit that fits perfectly.
- **Seamless Replacement Process** - We plan the entire project lifecycle — from safe decommissioning and removal of existing units, right through to installation of your new bespoke AHU.
- **Flexible Installation Options** - Depending on your site constraints, we can:-
 1. Deliver as a whole unit and crane into position
 2. Supply as a modular build for restricted access areas
 3. Provide a flat-pack solution for in-situ assembly
- **Expert Project Management** - Our dedicated project team oversees every stage, ensuring a smooth, efficient, and disruption-free installation. From planning and logistics to final commissioning, we make sure your AHU upgrade runs seamlessly.

With a full AHU package, you're not just buying a unit — you're investing in a complete, **hassle-free solution** that's built around your building and your needs.

SITE SERVICES

AHU Site Services for Energy Efficiency & Going Green

Unlock the full potential of your HVAC system with our AHU Site Services designed to drive energy savings and support your sustainability goals. As buildings face increasing pressure to reduce carbon footprints and operational costs, our green-focused AHU services offer smart, practical solutions that make a measurable difference.

We provide detailed site assessments to identify inefficiencies, outdated components, and energy-wasting operations. From optimizing airflow and upgrading fan systems to installing energy-efficient controls and improving insulation, our tailored strategies help reduce energy consumption without compromising performance.

Our expert team delivers refurbishments, repairs, or full replacements that prioritize low-energy operation, compliance with green building standards, and long-term cost savings. Whether you're aiming for BREEAM, LEED, or Net Zero targets, our AHU services are a powerful step toward a cleaner, more efficient future.

Key Benefits:

- Lower energy bills through smarter AHU operation
- Reduced environmental impact and carbon emissions
- Enhanced system performance and indoor air quality
- Compliance with current energy and environmental standards
- Support for green building certifications and ESG goals

Make your HVAC system part of the solution—choose AHU site services that work for your building and the planet.

SITE SERVICES



Complete AHU Support Services – Ductwork, Electrical, Plumbing & More

We offer a turnkey solution for AHU installations and refurbishments, covering every aspect of the project with precision, efficiency, and minimal disruption. Our comprehensive site services include ductwork modification and lagging, ensuring optimal airflow, thermal performance, and compliance with insulation standards. Whether adapting existing ducting to suit a new unit or reconfiguring layouts to improve efficiency, our skilled team delivers high-quality workmanship tailored to your site.

Our in-house electrical installation capabilities include everything from power supply upgrades and containment to full power management and testing, ensuring your AHU systems operate safely and reliably from day one. We also complete all associated minor plumbing, gas, and mechanical works, allowing you to rely on a single, experienced contractor from start to finish.

To accommodate sensitive environments or critical operations, we offer out-of-hours working to minimize downtime and disruption. Plus, our in-house 3D design and modelling services provide accurate planning, clash detection, and visualisation before any work begins—ensuring efficient execution and better project outcomes.

Our turnkey AHU service offering includes:

- Ductwork modification, insulation, and lagging
- Electrical containment, cabling, power supply & testing
- Minor plumbing and gas pipework
- Full ducting and mechanical installation
- Out-of-hours or weekend works
- In-house 3D design and planning

SITE SERVICES

Trusted Expertise with Proven Performance

We are proud to be recognised for our outstanding service, fast lead times, and consistent delivery on even the most complex AHU and ventilation projects. Our reputation is built on reliability, quality, and a hands-on approach that ensures every project is completed to the highest standards—from initial survey to final handover.

Our commitment to excellence has earned us the trust of major clients across various sectors. We are approved installers for leading companies, a testament to our capability, professionalism, and the confidence that industry leaders place in our team.

Whether working under tight deadlines, navigating challenging site conditions, or delivering bespoke, high-performance systems, we go above and beyond to meet our clients' needs—every time.

Why Choose Us:

- Trusted by top-tier clients of several industries
- Proven track record of fast lead times and on-time delivery
- Unmatched customer service and responsive support
- High standards of workmanship and health & safety compliance
- Scalable solutions for projects of any size or complexity

When quality, speed, and reliability matter — our team delivers.



EA Air Handlers is a leading manufacturer of high-quality Air Handling Units (AHUs), serving diverse industries with innovative and reliable air management solutions.

With decades of experience, we are committed to delivering AHUs that meet the most stringent performance and energy efficiency standards. Our dedication to customer satisfaction and continuous improvement drives us to stay at the forefront of AHU technology.

Industries We Serve

- ✓ Retail Complexes
- ✓ Leisure & Spa Facilities
- ✓ Industrial & Manufacturing Plants
- ✓ Hospitals & Healthcare Facilities
- ✓ Schools, Universities & Public Buildings
- ✓ Office Buildings & Commercial Complexes

Upgrade Your Air with Our Advanced Systems



Enhance comfort and save energy today

Experience **better air quality**, energy efficiency, and **significant cost savings** with our solutions.

AHU

Thermal Wheel

Our AHU with a high-efficiency thermal wheel ensures maximum energy recovery and optimal climate control, providing a cost-effective and sustainable solution for large-scale ventilation needs.



Closed View



Open View

Airflow	Resistance (Pascals)	SFP	Height (MM)	Width (MM)	Length (MM)
1m ³	250	1.2	1600	1300	2700
2m ³	250	1.2	1900	1900	2450
3m ³	250	1.3	2150	2150	3400
4m ³	300	0.9	2300	2300	3400
5m ³	300	1.0	2500	2400	3325
6m ³	300	1.3	2750	2750	3250
7m ³	300	1.5	3000	3000	2675
8m ³	350	1.6	3150	3150	3750

The figures provided serve as a general guide only. Every unit is fully customisable to meet your specific requirements in terms of output, size, and configuration.

Airflow capabilities far exceed what is shown

Customisable options include shape, size, heating and cooling capacities, attenuation, and filtration — including filter type and grade. For full details on available adaptations, please refer to page 20.

A wide range of ancillaries can also be supplied, including PIR sensors, temperature sensors, CO₂ sensors, and more — tailored to your project's control strategy.

AHU's come with 12 months warranty as standard with 2 and 4 year packages available

| Strictly Confidential, For Recipient Only

SOLUTIONS

Thermal Wheel



High Energy Efficiency

Rotary heat exchanger recovers both sensible and latent heat, achieving up to 85% heat recovery — significantly reducing heating and cooling loads.

Quiet Operation

Designed for smooth, low-noise performance with long service life and minimal maintenance.

Adaptable

Easily integrated into new builds or retrofit projects, with flexible configurations to suit various airflow requirements and spatial constraints.

Advanced Controls

Integrated control system for automated operation, monitoring, and optimization of energy performance.

Eco-Friendly

Reduces energy consumption by minimizing the need for additional heating or cooling, lowering operational costs and carbon emissions.

Bespoke Options

Our bespoke AHUs are fully customizable in shape, size, and components, allowing us to design and build units that perfectly match your site constraints, performance requirements, and operational needs.



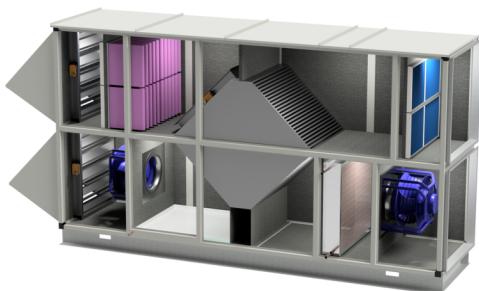
AHU

Plate heat exchanger

Our AHU with a high-performance plate heat exchanger offers exceptional energy recovery and airtight separation of airflows, making it the perfect choice for hygienic, efficient ventilation in demanding environments.



Closed View



Open View

Airflow	Resistance (Pascals)	SFP	Height (MM)	Width (MM)	Length (MM)
2m ³	250	1.2	2450	1225	4700
4m ³	300	0.9	2600	2000	4300
5m ³	300	1.0	2800	2200	4500
6m ³	300	1.3	3000	2300	4450
7m ³	300	1.5	3000	2500	5000
8m ³	350	1.6	3400	2500	5100
9m ³	350	1.5	3600	2500	5400
10m ³	350	1.6	3800	2600	5400

The figures provided serve as a general guide only. Every unit is fully customisable to meet your specific requirements in terms of output, size, and configuration.

Airflow capabilities far exceed what is shown

Customisable options include vertical or horizontal orientation of the plate heat exchanger (PHE), unit shape and size, heating and cooling capacities, attenuation, and filtration — including both filter type and grade. For full details on available adaptations, please refer to page 20.

A wide range of ancillaries can also be supplied, including PIR sensors, temperature sensors, CO₂ sensors, and more — tailored to your project's control strategy.

AHU's come with 12 months warranty as standard with 2 and 4 year packages available

| Strictly Confidential, For Recipient Only

SOLUTIONS

Plate heat exchanger



High Energy Efficiency

Recover up to 70–85% of thermal energy from exhaust air, reducing energy consumption and operational costs.

Quiet Operation

Designed for smooth, low-noise performance with long service life and minimal maintenance.

Adaptable

Easily integrated into new builds or retrofit projects, with flexible configurations to suit various airflow requirements and spatial constraints.

Advanced Controls

Integrated control system for automated operation, monitoring, and optimization of energy performance.

Eco-Friendly

Promotes sustainable building design by minimizing energy waste and reducing carbon footprint.

Bespoke Options

Our bespoke AHUs are fully customizable in shape, size, and components, allowing us to design and build units that perfectly match your site constraints, performance requirements, and operational needs.



POOL UNITS



Swimming pool environments demand precise control of humidity, temperature, and air quality—all while resisting corrosion and operating efficiently. i-Flow Technologies pool units are purpose-built to meet these challenges with intelligent design, durable construction, and cutting-edge performance.

Advanced Humidity Control

Specifically designed to manage high humidity levels in pool environments, ensuring comfort and protecting building structures from moisture damage.

High-Efficiency Heat Exchange

Integrated heat recovery systems (thermal wheel or plate heat exchanger) significantly reduce energy costs by reclaiming heat from extracted air.

Corrosion Resistant Construction

Built using materials and coatings resistant to chlorine and moisture, ensuring long-term durability in aggressive pool atmospheres.

Advanced Controls

Equipped with intelligent control systems for real-time monitoring, remote access, and seamless integration with Building Management Systems.

Energy-Efficient Fans & Motors

EC fans and inverter technology ensure reduced power consumption and optimal airflow regulation.

AHU's come with 12 months warranty as standard with 2 and 4 year packages available

HTM-03-01



Our HTM-03-01 compliant Air Handling Units are designed specifically to meet the stringent requirements of healthcare facilities, ensuring safe, reliable, and hygienic ventilation in hospitals, operating theatres, isolation rooms, and other clinical areas

HTM-03-01 Compliance

Manufactured to meet all the design, performance, and filtration standards outlined in the Department of Health's HTM-03-01 guidelines for healthcare ventilation.

Hygienic Construction

Smooth, easy-to-clean internal surfaces with anti-microbial coatings and double-skin panel construction to prevent microbial growth and contamination.

Customised Healthcare Solutions

Fully bespoke configurations available to meet specific hospital project needs, including modular designs for plantroom or rooftop installations.

AHU's come with 12 months warranty as standard with 2 and 4 year packages available



Advanced Controls

Equipped with intelligent control systems for real-time monitoring, remote access, and seamless integration with Building Management Systems.

Energy-Efficient Fans & Motors

EC fans and inverter technology ensure reduced power consumption and optimal airflow regulation.

CUSTOMISATION

Custom AHU & Ventilation System Options

Tailored for Performance and Efficiency

Enhance your AHU and ventilation systems with a wide range of customisable extras designed to improve functionality, efficiency, and long-term value. Our systems are built with flexibility in mind, offering tailored solutions that meet the specific demands of your building and operations.

From advanced control systems to plug-and-play or BMS-ready configurations, we deliver AHUs that are intelligent, adaptable, and easy to integrate. Choose from fully packaged solutions with onboard software, factory-fitted controls, and pre-wired components to reduce installation time and streamline commissioning.

For harsh environments or extended service life, we offer corrosion protection options, including specialist coatings, stainless steel components, and protective finishes—ideal for coastal, chemical, or high-humidity applications.

Our service packages ensure long-term reliability, with options for planned maintenance, condition monitoring, and emergency response support. These proactive services help maximise uptime, reduce operating costs, and extend the life of your system.

Optional Features Include:

- Custom control panels and on-board software
- Plug-and-play or BMS-ready integration
- Fully packaged solutions for fast deployment
- Enhanced corrosion protection for demanding environments
- Flexible service and maintenance packages tailored to your needs

Smart, scalable, and built around your project—our AHU systems go beyond standard to deliver complete, future-ready solutions.

| Strictly Confidential, For Recipient Only

CUSTOMISATION

Airflow Performance

One of the standout benefits of selecting **EA Air Handlers** is our units' ability to handle significantly higher airflow volumes with much lower resistance compared to many standard systems available on the market. This is not just a design feature — it's a performance advantage that delivers real-world value across a wide range of applications.

Our AHUs are engineered with optimised internal geometry, high-efficiency components, and custom airflow pathways to ensure minimal pressure drop while maintaining consistent, reliable airflow. This makes them particularly well-suited to projects with long duct runs, high air change requirements, or strict energy efficiency targets.

By reducing system resistance, our units not only support quieter and smoother operation, but they also help reduce fan energy usage, contributing to lower running costs and improved environmental performance over the system's lifecycle. Whether installed in commercial, industrial, or bespoke applications, this level of performance ensures flexibility in design, reduced strain on downstream components, and improved overall system efficiency.

EA Air Handlers don't just meet expectations — they exceed them

AHU's come with 12 months warranty as standard with 2 and 4 year packages available

CUSTOMISATION

Controls Packages

Package 1 - BMS Functionality

Our BMS control packages offer enhanced functionality and seamless integration with centralised building management systems via MODBUS or volt-free contacts (excluding BACnet). These packages enable full monitoring and control of key AHU functions including fan speeds, temperature setpoints, filter status, and fault notifications. Designed for efficient commissioning and remote access, this control option is ideal for projects requiring coordinated system performance, energy optimisation, and intelligent facility management.

Package 2 - BACnet Functionality

Our BACnet control packages are designed to provide full integration with building management systems, enabling intelligent monitoring and control of all major AHU functions. This includes fan speeds, temperature regulation, damper control, filter status, and fault diagnostics — all accessible via BACnet protocol. Ideal for modern, connected buildings, this package supports efficient system coordination, energy management, and remote operation through a central BMS platform.

Control Adaptability

Our units can be supplied with controllers from leading manufacturers such as Trend, Tridium, Schneider, Siemens, or Carel, if required or preferred, allowing seamless integration with your chosen BMS platform.

Fully bespoke solutions are also available for projects with requirements beyond the standard options listed.

CUSTOMISATION

Heating

LPHW Coil

LPHW coils offer high efficiency, low pressure drops, and precise duty matching. Built with copper tubes and aluminium fins as standard, optional coatings and stainless steel are available for demanding environments. Custom fin spacing and coil circuits ensure seamless integration into your specification, with full performance data provided for accurate selection.

Selection Info Requirement: Air on °c, Air off °c (or KW), Flow and Return Temperature

Electric Heater

Our electric heater batteries provide reliable, controllable heating with fast response times and minimal maintenance. Constructed with stainless steel elements as standard, they are available with stage or thyristor control to suit project demands. Safety features, including thermal cut-outs and airflow interlocks, are built in. Each unit is tailored to your specification, with full technical data supplied for confident selection.

Selection Info Requirement: Air on °c, Air off °c (or KW)

CUSTOMISATION

Cooling

DX Cooling Coil

Our DX cooling coils provide high-efficiency direct expansion cooling, ideal for compact and responsive climate control within EA Air Handlers. Manufactured with copper tubes and aluminium fins as standard, optional epoxy coatings or stainless steel construction are available for enhanced corrosion resistance. Coils are designed for use with R32 refrigerant, depending on system selection. Each coil is duty-matched and supplied with full performance data to support precise consultant-led specification.

Selection Info Requirement: Air on °c, Air off °c (or KW), Flow and Return Temperature

Chilled Water Coil

Our chilled water coils are designed for efficient, high-performance cooling with low pressure drops and accurate duty matching. Standard construction includes copper tubes and aluminium fins, with optional stainless steel or coated finishes for enhanced durability. Coils are fully customisable with tailored fin spacing, circuiting, and connection options. Full performance data and selection support are available to meet consultant specifications with confidence.

Selection Info Requirement: Air on °c, Air off °c (or KW), Flow and Return Temperature

CUSTOMISATION

Dual Heating & Cooling

Reverse Cycle Coils

Our reverse cycle coils offer efficient year-round climate control by combining heating and cooling in a single coil. Designed for seamless heat pump integration, they feature copper tubes and aluminium fins as standard, with coated and stainless steel options available for added protection. Depending on the selected coil, systems are manufactured for use with R32 refrigerant. Each coil is carefully matched to meet duty and system requirements, with full performance data provided to support accurate consultant-led specification.

Selection Info Requirement: Air on °c, Air off °c (or KW), Cond/Evap temps

Run-around Coils

Our run-around coil systems in EA Air Handlers provide an effective solution for heat recovery between supply and extract airstreams, especially where air paths are separate. Using matched coils connected via a pumped water circuit, they deliver reliable energy savings without cross-contamination. Coils are constructed with copper tubes and aluminium fins as standard, with options for coated or stainless steel finishes. Each system is tailored to project requirements, with full performance data provided to support accurate specification.

Selection Info Requirement: Air on °c, Air off °c (or KW), Return air temperature, Glycol levels

CUSTOMISATION

New AHUs – Built Around Your Project Needs

At i-Flow Technologies, we understand that every project is unique. That's why our new Air Handling Units (AHUs) are designed with flexibility in mind — available in different delivery formats to suit your specific site requirements.

Whole Unit Delivery

Where access allows, AHUs can be delivered as a fully assembled, complete unit. This option means the unit is built entirely at our premises before delivery, ensuring maximum build quality and integrity.

- Fully assembled and tested prior to delivery
- Maximum structural rigidity
- Faster installation and commissioning on site
- Best suited where site access is straightforward

Modular Delivery

For projects involving restricted access or complex site conditions, AHUs can be supplied in modular form — delivered in manageable sections or even flat pack.

- Designed for difficult-to-access locations
- Flexible delivery with assembly on-site
- Maintains the same performance and quality as a whole unit

Flat Pack Delivery

For the most challenging sites, we offer flat pack delivery. Each component is delivered separately and the AHU is fully built in situ by our team, directly at the project location.

- Perfect for hard-to-reach places or tight spaces
- Complete build on-site ensures a precise fit
- Offers the ultimate flexibility in installation
- We deliver and build on site.

CUSTOMISATION

Filters & Dampers

Filters

We provide a comprehensive range of filtration options to suit different project needs. Our standard selection includes F7 bag filters and G4 panel filters, delivering dependable air quality and performance. Where higher grades are specified, we can incorporate a variety of alternative filters to meet project requirements. For environments that demand the highest levels of cleanliness, we also offer HEPA filtration options to ensure exceptional air purity.

Dampers

EA Air Handlers offers a comprehensive range of unit dampers designed to meet every ventilation requirement. From simple manual shut-off dampers to fully actuator-controlled dampers, our solutions ensure precise airflow management across your system. We provide dampers for return air, supply air, backdraft prevention, and any bespoke application your project demands. Built for durability and smooth operation, our dampers integrate seamlessly with your air handling units, helping you achieve optimal performance, energy efficiency, and control.

If you're not sure what you need, have a conversation with us and we will be able to help with the design.

SERVICE

Servicing & Maintenance

At i-Flow Technologies, we don't just build AHUs — we look after them too. Our dedicated service team is here to help you get the most from your equipment, whether it's one of our units or manufactured by another supplier.

Flexible Service Contracts

We offer short- and long-term service agreements tailored to your needs. From routine maintenance to ongoing support, our contracts are designed to give you peace of mind.

- Options to suit project size and budget
- Preventative care to keep units running smoothly
- Responsive support when you need it most

Health Checks & Preventative Maintenance

Far too often, AHU maintenance is overlooked until breakdowns occur or costly refurbishments are required. With regular health checks, we help you identify potential issues before they become problems.

- Early detection of wear and tear
- Reduced risk of unexpected downtime
- Prolonged equipment life

Not Just i-Flow Units

Our expertise goes beyond our own products. We provide servicing, maintenance, and health checks for all major AHU manufacturers.

- Independent, reliable support
- Consistent standards of quality
- Flexible scheduling around your operations

SERVICE

Why Regular Maintenance Matters

Neglecting maintenance can lead to:

- Expensive breakdowns
- Reduced efficiency and higher running costs
- Shortened equipment lifespan

With i-Flow's maintenance packages, you'll reduce these risks, improve reliability, and extend the life of your AHUs.

Your Equipment, Our Expertise.

Whether it's ongoing service or a one-off health check, we'll help you keep your air handling systems performing at their best.



Filters

Clogged or neglected filters are the leading cause of AHU breakdowns. Restricted airflow forces fans and motors to work harder, reducing efficiency and increasing the risk of costly failures.

Filters are the number one cause of AHU breakdowns — and maintaining them is something most people could do themselves. So why worry?

Let us take care of it for you, keeping your systems running smoothly and reliably.

BENEFITS OF USING US



Bespoke design

We have the in-house facilities to create fully bespoke AHU designs, tailored to your exact specifications in every detail.

Installation

A core part of our business specialises in the installation of AHUs from any manufacturer. We offer a fully flexible service—from supply only to a complete turnkey package including purchase, delivery, installation, and commissioning. It's entirely your choice how much or how little you want us to handle.

- **Packages to suit you!**
Whether you need a flat-pack, modular, or fully assembled unit, we deliver it all—tailored to your project requirements with precision and flexibility.
- **End to end service**
We provide end-to-end support—from initial design and CAD drawings all the way through to installation and commissioning—ensuring a seamless, hassle-free experience every step of the way.



THANKYOU FOR CONSIDERING I-FLOW TECHNOLOGIES

Throughout the group, we combine engineering excellence with flexible, customer-focused service to deliver reliable, energy-efficient Air Handling Units tailored to your exact needs.

Whether you require standard solutions or fully bespoke designs, flat-pack delivery or complete installation, we have the capabilities and experience to support you every step of the way—from concept and CAD design to commissioning and aftercare.

Why Choose I-Flow Technologies?

- ✓ Bespoke AHU design and manufacturing
- ✓ Full installation and commissioning services
- ✓ Electroair are compatible to work with all major AHU brands
- ✓ Energy-efficient solutions including thermal wheels and plate heat exchangers
- ✓ Nationwide support and fast lead times
- ✓ Trusted by contractors and consultants across the UK

Get in Touch

📞 Phone: 01527 395018

✉️ Email: Sales@electroair.org.uk

🌐 Web: <https://i-flowtechnologies.com>

📍 Address: 14a Harris Business Park, Hanbury Road, Bromsgrove, UK, B60 4BD

M Y N O T E S