



COMPANY PROFILE

2025/26

air
HANDLERS
ESTABLISHED 1989

SPECIALISTS IN AIR MOVEMENT

Manufacturers of HVAC equipment
with low energy solutions.

Air Handlers | The Company

Air Handlers started trading in May 1989. The company operates from its 60,000 sq. ft. factory in Salford Quays, which was purpose-built in 2000.



David Pinchbeck
Managing Director

Air Handlers Northern was founded by David Pinchbeck, who has over 50 years of experience in the ventilation and Air Handling industry. He is a true professional with considerable knowledge of Acoustics, Building Services and Manufacturing.

David has developed the company and its workforce into a leading UK manufacturer of Air Handling Plant, leading the team with enthusiasm and integrity.

air
HANDLERS

*Celebrating over 30
years of success*
1989-2025

What we do...

For over three decades our business has manufactured a diverse range of Air Handling Units for most commercial and industrial sectors of the HVAC market.

Overt the three decades we have been in business, many changes in energy efficiency, construction standards and sustainability have driven continual research and development of the Air Handling products we manufacture.

Why us?

As one of the few remaining wholly British-owned Air Handling manufacturers, we pride ourselves on innovation in the design and manufacture of high-quality Air Handling plant.

Our Commitment

We aim to partner with the design team on all building services projects and ensure we can provide technical support for building regulations such as ERP, HTM (2021), BB101 and BB93 compliance.

From Concept to Completion and Beyond...

Our contractor support at the quotation stage is tailored to suit every project.

After the order stage, we provide quality drawings, including dimensions, technical performance data, the number of sections and handling alongside access. Once the drawings are approved, our manufacturing team will guide the contractor through the various stages of manufacture and agree on a delivery date.

At an early stage, any site involvement would be discussed and support would be given for things such as HIAB offloading, section bolting, flat-pack installation and onsite leakage tests.

Suppose factory testing, such as a factory leakage test, volumetric simulation or acoustic testing is required. In that case this will be agreed early on in the project. Should a client/visitor witness test be required, this can be arranged by our site support team.

Both in-house and outsource performance testing is available on all our Air Handling products. Our facilities have the capability to perform the following tests.

- **Air Leakage**
- **Volumetric Performance**
- **Control Function Test**
- **Component Function Test**
- **Acoustic Tests - Including Breakout, Inlet & Outlet Sound Power, utilising a Sound Intensity Probe Analyser System.**

Site Services.

- **Air Handlers provide sitework services to assist Contractor and end-users.**
- **Site inspections can check, review AHU condition and also inspect other manufacturers products.**
- **We provide an unbiased report with options for repair, refurbishment and complete replacement within your budget.**

Product Information

Air-ADAPT

Custom & Bespoke AHU's available with tailored solutions.



- Tailor made options available to suit specific project requirements.
- Available in air volumes from 0.15 m³/sec to 50.0 m³/sec.
- Available with ERP compliant Plate Heat Exchanger, Thermal Wheel & Run Around Coil Heat Recovery.
- Units can be supplied with or without factory fitted Control Packages.
- High-efficiency AHU's with ERP 2018 compliance.
- Sound-proofed casework options.
- Inbuilt or duct attenuators are available.

Envirofresh

Packaged 'Low Energy' Integral Heat-Pump.



- Fully integrated heat pump requiring no external condensing plant.
- Available in air volumes up to 12.0m³/sec.
- Low GWP R513a Refrigerant.
- Available for both constant and variable flow applications.
- Fully integral control system as standard.
- Low sound emission casework and Attenuators are available.
- Compressor noise and vibration are in our Envirofresh Quiet Range.

Product Information

Medsafe AHU

HTM 03-01 (June 2021)
Compliant AHU's.



- Available in a large variety of air volumes.
- Flexible & customisable design to suit project specific needs.
- High-efficiency heat recovery items available.
- Maintenance corridors provided when required.
- Site installation available (flat-packing & bolting).
- Factory or site based leakage testing available.
- Different inlet & outlet configurations available.
- Low noise solutions.

Medsafe Compact AHU

Compact HTM 03-01 (June 2021) Compliant cabinet AHU.

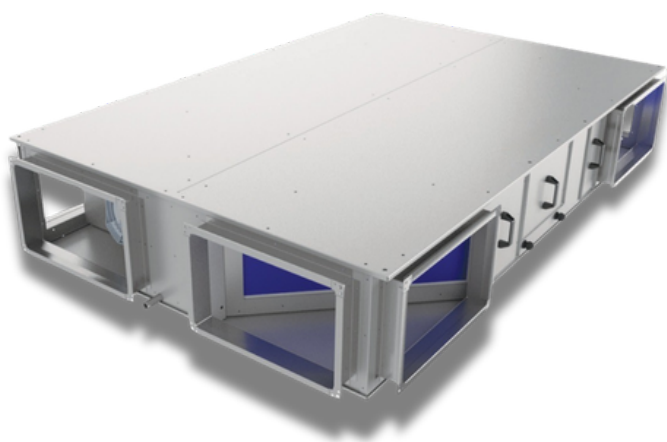


- HTM 03-01 (2021) compliant compact solution for space restricted applications.
- Small compact footprint
- High efficiency Counter-flow Heat Exchangers as standard.
- Available with air volumes up to 2.45 m³/sec.
- Available with either DX or Chilled Water cooling
- Available with either LTHW or Electric Heating.
- Low sound emission casework and Attenuators are available.

Product Information

EvoHR

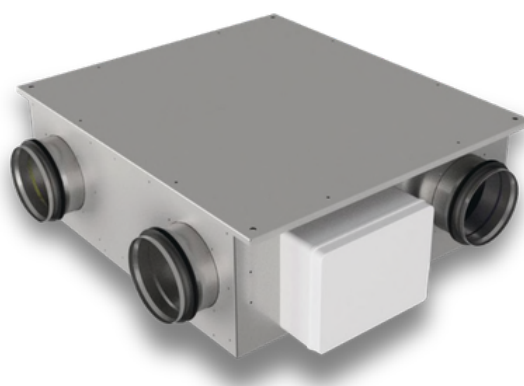
Compact Heat Recovery Unit,
BB101 Compliant with Up to
90% Heat Recovery



- Compact & low profile solution for your heat recovery requirements.
- High efficiency Counterflow Recovery.
- High efficiency & Quiet EC motors installed.
- Plug & Play solution including Integrated Controls.
- Available with associated Cooling & Heating coils on request.
- Sound treated casings available.
- Designed for air volumes up to 600 l/sec.
- Inbuilt or duct attenuators are available.

EvoHR-mini

Ultra Compact Heat Recovery
Option for Low Volume
Applications

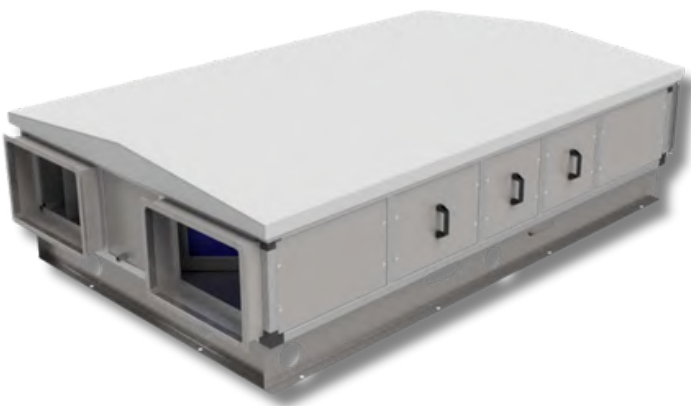


- Small compact Heat Recovery Unit to suit air volumes up to 55l/s.
- High efficiency Counterflow Recovery.
- High efficiency & Quiet EC motors installed.
- Plug & Play solution including Integrated Controls.
- Low sound emission casework and Attenuators are available.
- Inbuilt or duct attenuators are available.
- Fully integral control system as standard.

Product Information

EvoHR-plus

Higher capacity Heat Recovery Unit with air volumes up to 2000 l/s.



- Large capacity Heat Recovery solution for commercial projects.
- High efficiency Counterflow Recovery.
- High efficiency & Quiet EC motors installed.
- Low SFP Solution.
- Configurable outlet/inlet connections.
- Designed for air volumes up to 2000 l/sec.
- Plug & Play solution including Integrated Controls.
- Available with associated Cooling & Heating coils on request.
- Sound treated casings available.
- Inbuilt or duct attenuators are available.

PVU

High Airflow and External Resistance cased Fan Coil Unit with Low Profile.



- Max Airflow 1200 l/sec.
- Max External Resistance 300 Pa.
- Heating/Cooling Coils available.
- Attenuation options available.
- Packaged Controls available.
- Variable air flow Centrifugal EC Fans for High Performance.
- Low sound emission casework and Attenuators are available.

Product Information

AHPHX

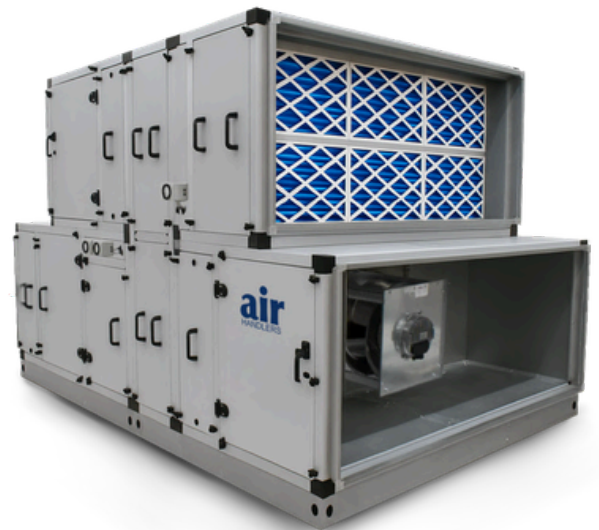
High Efficiency Compact Plate Heat Recovery Units for tight spaces.



- Compact design with High-efficiency counterflow plate heat exchanger heat recovery.
- Available in low to medium air volumes.
- Compact, modular construction for easy installation and maintenance
- Available with associated Cooling & Heating coils on request.
- Designed for high thermal efficiency and low operating costs
- Robust cabinet construction with excellent air tightness performance
- Inbuilt or duct attenuators are available.
- Plug & Play solution including Integrated Controls.

AHTW

High Efficiency Compact Thermal Wheel Heat Recovery Units for tight spaces.



- High-performance thermal wheel (rotary) heat recovery system
- Available in low to medium air volumes.
- Configurable with heating coils, cooling coils, or combined systems
- High efficiency & Quiet EC motors installed.
- Modular design supports flexible layouts and future upgrades
- Plug & Play solution including Integrated Controls.
- Low sound emission casework and Attenuators are available.

Product Information

Air-PRO

High Efficient & Versatile Packaged Roof-Top Unit Solutions.

- Environmentally Friendly R-454B Refrigerant.
- Nominal Air Volumes from 1.15 to 10.00 m³/sec.
- Nominal Cooling Capacities from 30 kW to 185 kW.
- Nominal Heating Capacities from 20 kW to 110 kW.
- Energy Saving Variable Speed Fans & Compressors.
- Reduced environmental noise emissions.
- Coastal environment protection options.
- Superior efficiency at full and partial loads.
- Streamlined & easy installation.
- Reduced Refrigerant usage.



SkidPAK AHU

Packaged AHU with heat recovery, DX cooling and integrated Condensing Units for rapid installation.

- Complete packaged AHU system with integrated high-efficiency heat recovery
- Plug-and-play solution reduces on-site installation time and risk
- Fully coordinated controls for AHU and condensing unit operation
- Factory-fitted DX cooling coils matched to skid-mounted Condensing units
- Compact skid-mounted design for rapid deployment and easy positioning
- Supplied with pre-installed pipework, refrigerant circuits and controls
- Ideal for projects requiring fast-track installation and reduced site labour

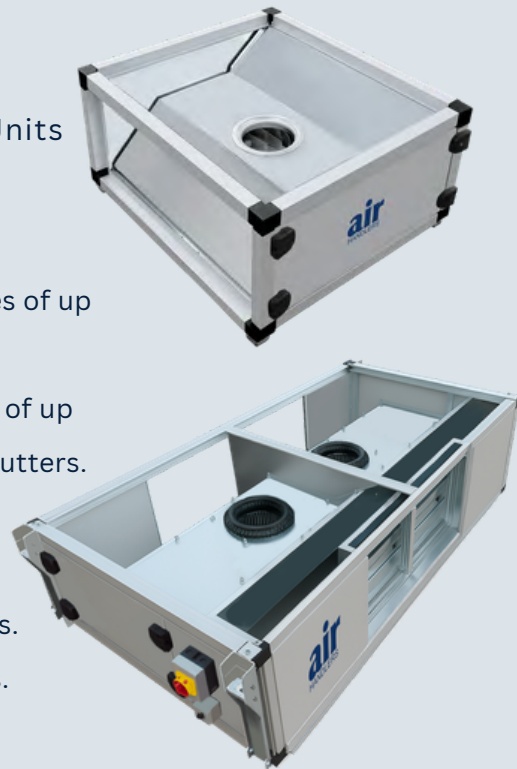


Product Information

VSI & VTI Extract Fans

Low Profile Quiet Single & Twin Extract Fan Units

- Low noise extract solutions.
- High efficiency EC Fans - Variable Volume
- Single Fan Units available with nominal air volumes of up to 2.67m³/sec.
- Twin Fan Units available with nominal air volumes of up to 1.67m³/sec complete with auto change-over shutters.
- Available with or without packaged controls.
- Can be supplied for internal or external use.
- Auto change over panels with duty sharing options.
- Attenuators available to match user requirements.



ITU Extract Fans

Higher volume Twin Extract Units.

- Can be supplied for internal or external use.
- Duty range 1.0 to 5.0 m³/sec.
- Twin Fan units fitted with EC Fans for accurate volume control.
- Low noise solutions with Attenuator options available.
- Auto-change over shutters or motorised damper operation for Automatic Change Over.
- Auto-change over panels with duty sharing options available.



Site Services

Proven experience over 30 years....

Air Handlers Northern Ltd. has supplied AHU's for the HVAC industry for over 30 years; Our Site Services Division has all the knowledge and resources to provide solutions for all your ventilation services needs across the UK.

- Air Handlers provide sitework to assist contractors and end-users.
- Site inspections can check and review any AHU product condition as well as other manufacturers products.
- We provide an unbiased report with options for Repair, Refurbishment and complete Replacement within your budget.

Dedicated Refurbishment Team....

The general life span of an Air Handling Unit will vary from 20 to 35 years depending on the original quality of construction, alongside the materials used and its location.

Components within the Air Handling Unit will also vary in life span. Items include aluminium finned coils, profile dampers, fan motors and cooling coil sections. The refurbishment of an air Handling Unit should only be undertaken by qualified and experienced engineers.

Replacing like-for-like components can constitute repair/maintenance. If the fan(s) in either the supply or extract fan sections are replaced, then frequency inverters must be fitted if they are not.



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