DAIKIN APPLIED (UK) LTD

Products & Service Solutions Overview

AHUs

Chillers

Service

Rentals

Spares

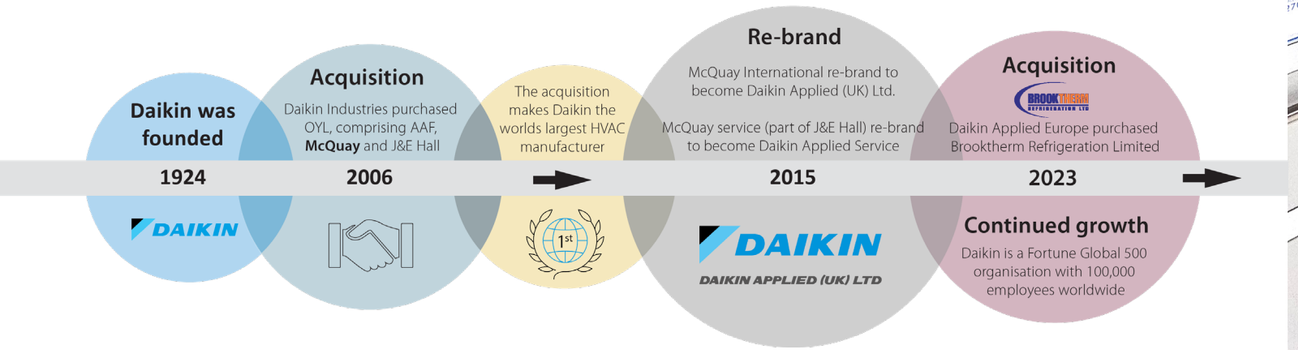
Daikin Applied (UK)

Technically better...

Engineering efficiency, reliability, and sustainability

Formerly McQuay, Daikin Applied (UK) is a market leader in Air Handling Units (AHUs), Chillers and Heat Pumps, specialising in large-scale, and complex commercial and industrial projects where performance and reliability are critical. We deliver complete HVAC solutions from bespoke design and in-house manufacture through to commissioning, service & maintenance, spares and rental, ensuring efficiency and continuity throughout the equipment lifecycle.

As part of the global Daikin Group, we combine world-class engineering with advanced technology to help customers decarbonise buildings, optimise energy performance, and enhance indoor air quality.



MADE IN BRITAIN

Manufacturing Excellence

Daikin Applied (UK) Ltd operates over 30,000 m^2 of advanced manufacturing and testing facilities at our dedicated Air Handling Unit (AHU) plant in Northumberland.

A recent £3 million investment in new machinery and automation has enhanced product quality, increased production capacity to over 1,000 units per year, and strengthened our capability to deliver bespoke, high-performance AHUs for the UK market.

Our high-efficiency Chillers and Heat Pumps are manufactured at Daikin's European Chiller Plant in Rome, a centre of excellence recognised for innovation, precision engineering, and sustainable design.

Factory witness testing

Our state-of-the-art testing facilities in Northumberland (for AHUs) and Rome (for Chillers) enable full performance and witness testing under simulated design conditions.

All testing is conducted in accordance with ISO 3744, ISO 5136 and BS EN 1886:2007 standards, providing verified data on acoustic performance, thermal efficiency, and mechanical integrity.

Each unit is supplied with a comprehensive performance report before delivery, giving our customers complete confidence in product quality and compliance.

Product overview

Centralised ventilation

D-AHU Professional

- Infinite variable sizes
- Tailored to meet any specification

0.21 m^3/s
up to 40 m^3/s

MADE IN BRITAIN

D-AHU Modular R

- Pre-configured sizes
- Plug and play concept
- EC Fan technology
- Heat recovery wheel (sorption and sensible technology)
- Modular design
- Compact footprint

0.14 m^3/s
up to 6.94 m^3/s

MADE IN BRITAIN

D-AHU Modular P

- Pre-configured sizes
- Plug and play concept
- EC Fan technology
- High efficiency aluminium counter flow PHE
- Modular design
- Compact footprint

0.14 m^3/s
up to 6.94 m^3/s

MADE IN BRITAIN

Decentralised ventilation

HTM-Pro T series

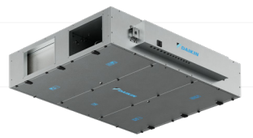
- 5 pre-configured sizes
- Plug and play controls
- EC Fan technology
- HTM 03-01 compliant
- Compact footprint
- Widths from 1100 mm
- Cabinet style
- Easy maintenance
- Remote monitoring as standard

0.95 m^3/s
up to 2.95 m^3/s

MADE IN BRITAIN

Compact L

- Pre-configured sizes
- Plug and play concept
- EC Fan technology
- High efficiency aluminium counter flow PHE
- Low height unit
- For false ceiling applications



0.04 m^3/s
up to 1.1 m^3/s

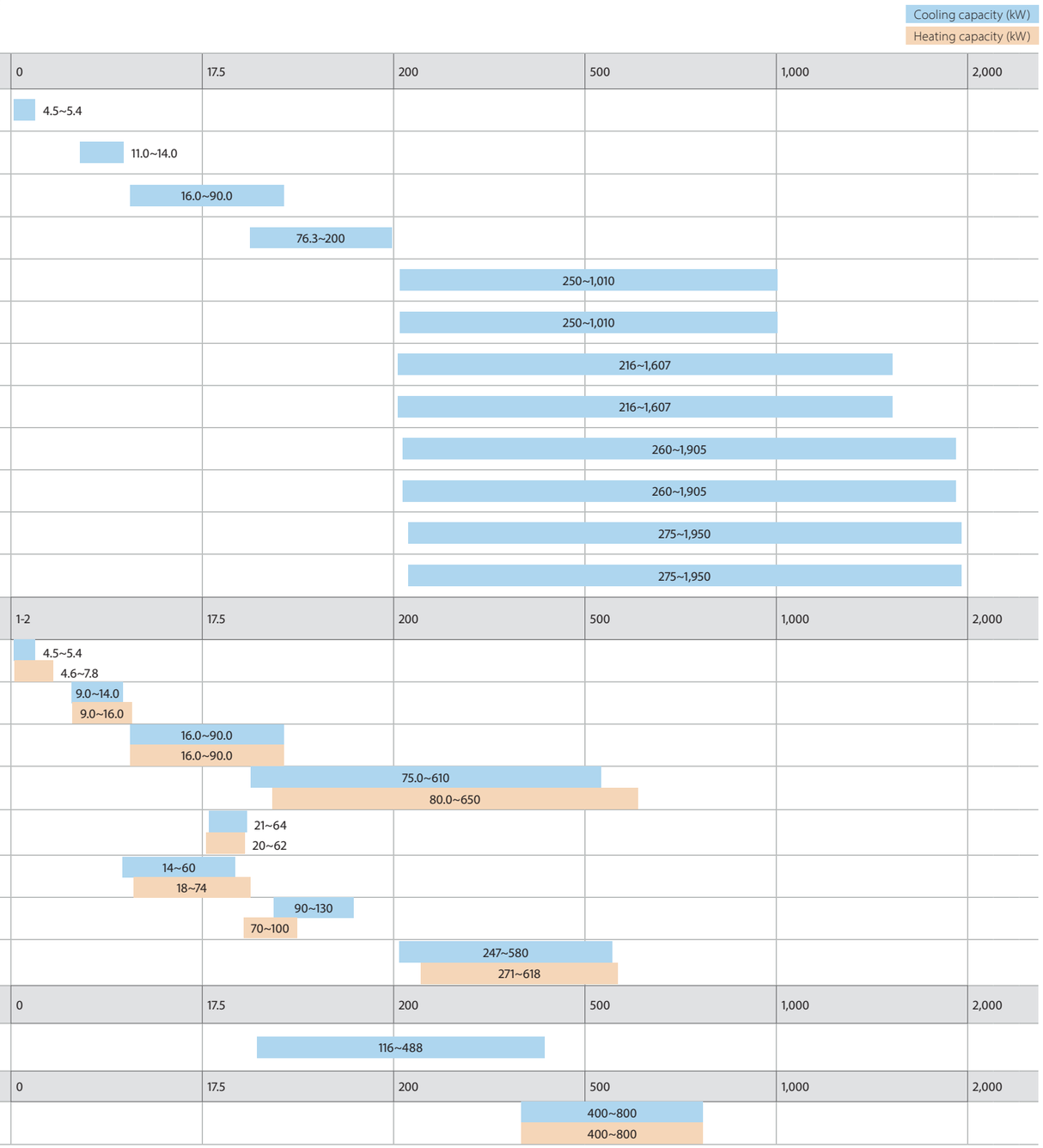
Compact T

- Pre-configured sizes
- Plug and play concept
- EC Fan technology
- Small footprint
- Compact design
- High efficiency aluminium counter flow PHE
- Top connected unit

0.05 m^3/s
up to 1.17m^3/s

Product overview

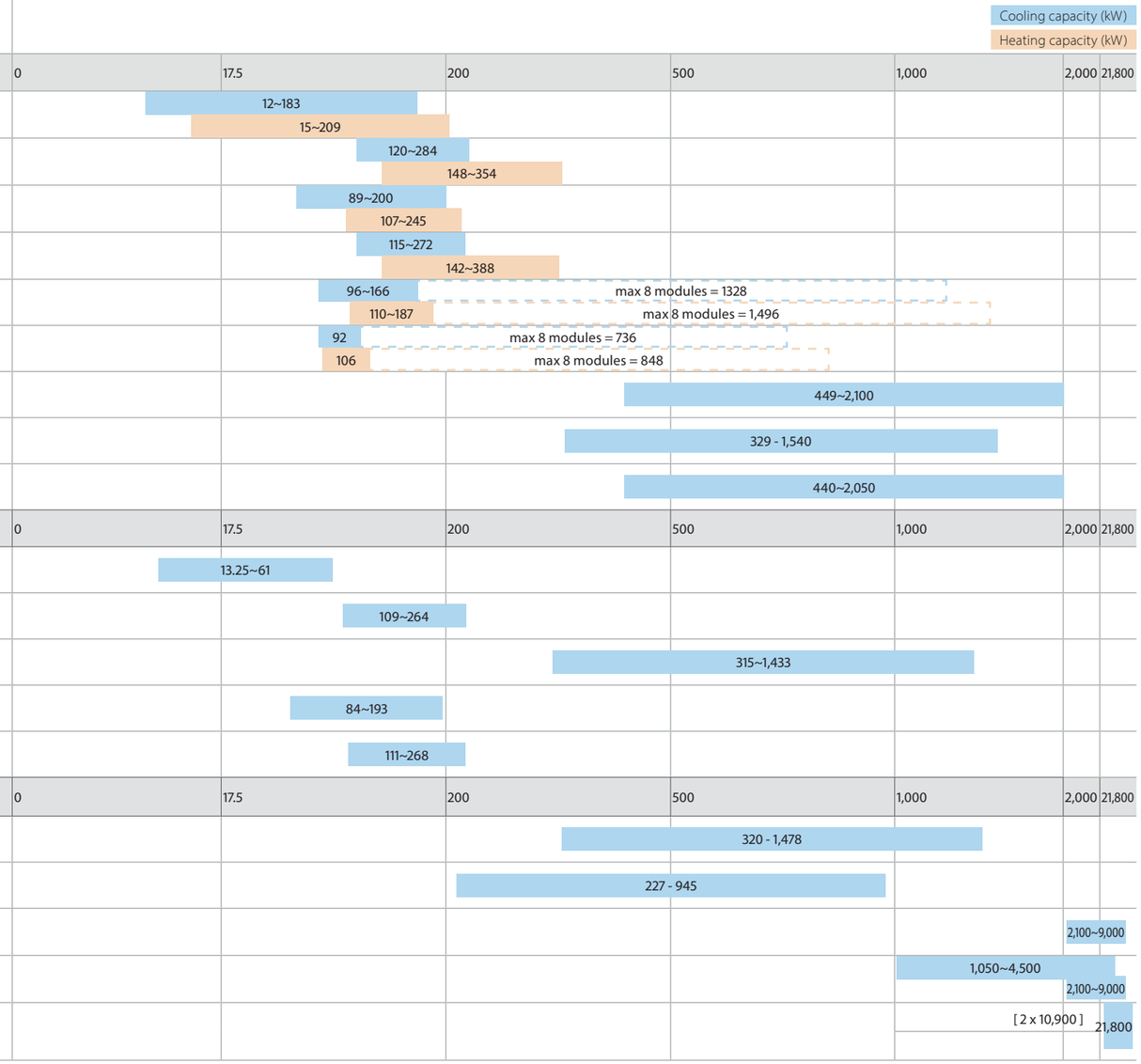
	Refrigerant type *	Refrigerant circuits	Inverter	Free cooling	Compressor: Swing	Compressor: Scroll	Compressor: Screw	Water heat exchanger: Plate **	Water heat exchanger: Single pass shell and tube	Efficiency version: Blue	Efficiency version: Silver	Efficiency version: Gold	Efficiency version: Platinum	Sound version: Standard	Sound version: Low	Sound version: Reduced
Cooling only																
EWAA-DV3P	R-32	1	•		•			• BPHE			•			•		
EWAA-DV3P-H/ DW1P-H	R-32	1	•		•			• BPHE			•			•		
EWAT~CZN/P/H	R-32	1-2	•			•		• BPHE			•			•		
EWAT-B B	R-32	1-2				•		•			•	•		•	•	•
EWAT-B C	R32	1-2				•		•			•	•		•		•
EWFT-B C	R32	1-2		•		•		•			•	•		•		•
EWAH-TZ D	R32	1-2	•				•	•	•	•	•	•	•	•		•
EWFH-TZ D	R1234ze(E)	1-2	•	•			•	•	•	•	•	•	•	•		
EWAS-TZ D	R1234ze(E)	1-2	•				•	•	•	•	•	•	•	•		•
EWFS-TZ D	R513A	1-2	•	•			•	•	•	•	•	•	•	•		
EWAD-TZ D	R513A	1-2	•				•	•	•	•	•	•	•	•		•
EWFD-TZ D	R134a	1-2	•	•			•	•	•	•	•	•	•	•		
Heat pump																
EWYA-DV3P	R-32	1	•		•			• BPHE			•			•		
EWYA-DV3P-H/ DW1P-H	R-32	1	•		•			• BPHE			•			•		
EWYT~CZN/P/H	R-32	1-2	•			•		• BPHE			•			•		
EWYT-B	R-32	1-2				•		• BPHE			•	•		•	•	•
EWYT-CZI EWYT-CZO	R-32	1-2	•			•		• BPHE			•			•		
EWYE-CZ	R-454C	1-2	•			•		• BPHE			•			•		
EWYK-QZ NEW	R290 Propane	2	•			•		• BPHE			•			•		
EWYD~BZ	R-134a	2-3	•				•		•		•			•	•	
Condensing unit																
ERAD~E-	R-134a	1					•				•			•	•	
Multipurpose unit																
EWYS-4Z	R-513A	2	•				•		•					•		•



* (GWP): R-410A (2,087.5), R-134a (1,430) - ** BPHE: Brazed plate heat exchanger

Product overview

		Refrigerant Type *	Refrigerant circuits	Compressor: Inverter	Compressor: Scroll	Compressor: Screw	Compressor: Centrifugal	Water heat exchanger: Plate **	Water heat exchanger: Single pass shell and tube	Water heat exchanger: Shell and tube	Efficiency version: Standard	Efficiency version: High	Efficiency version: Premium	Sound version: Standard	Sound version: Reduced
Water cooled chillers (Cooling only and Heat Pump)															
EWWQ-KCW1N		R-410a	1-2		•			•			•			•	
EWWD~J-		R-134a	1			•		•			•			•	
EWWH-J-		R1234ze	1			•		•			•			•	
EWWS-J-		R-513A	1			•		•			•			•	
EWWT-Q- NEW		R32	1		•			•				•		•	•
EWHT-Q- NEW		R32	1		•			•				•		•	•
EWWD-VZ		R-134a	1-2	•		•				Flooded	•	•	•	•	
EWWH-VZ		R-1234ze(E)	1-2	•		•				Flooded	•	•	•	•	
EWWS-VZ		R-513A	1-2	•		•				Flooded	•	•	•	•	
Condenserless chillers															
EWLQ-KCW1N		R-410A	1-2		•			BPHE			•			•	
EWLD~J-		R-134a	1			•		•			•			•	
EWLD~I-		R-134a	1-2-3			•			•		•			•	
EWLH-J-		R1234ze	1			•		•			•			•	
EWLS-J-		R-513A	1			•		•			•			•	
Water cooled centrifugal chillers															
EWWD-DZ		R-134a	1				•			•		•		•	
EWWH-DZ		R-1234ze(E)	1				•			•		•		•	
DWDC B		R-134a and R513A	1	optional			•			Flooded		•		•	
DWSC C / DWDC C		R-134a, R-513A and R-1234ze	1	optional			•			Flooded		•		•	
6,000 RT CENTRIFUGAL		R-134a	2 per chiller				•		Flooded			•		•	



* (GWP): R-410A (2,087.5), R-134a (1,430), R-407C (1,773.9) - ** BPHE: Brazed plate heat exchanger

Integrated Service Solutions

Connect & maintain

- Installation and commissioning
- F-Gas: Regulation compliance check
- Oil analysis: Diagnostic and predictive maintenance
- **Tailored maintenance service plans with Daikin PROtect**
- Remote Monitoring and reporting with Daikin on Site (DoS)

Optimise

- Chiller overhaul
- Heat recovery retrofit for air cooled screw chillers
- Fan upgrades

Modernise

- AHU refurbishment
- Energy audit - thermal and electrical
- Energy metering retrofit kit for MT3 controlled chillers
- Heat recovery
- Inverter retrofits for screw and centrifugal chillers
- Chiller modernisation

Sustainable Business

- Daikin on Site
- Energy audits

Repairs

- Compressor oil replacement
- Dual port safety valve

Maintenance plans with Daikin **PRO**tect

Daikin PROtect is a three year maintenance package (option to extend to five years) designed to protect and optimise your HVAC equipment. Because your maintenance is directly from the manufacturer, you can have peace of mind knowing that your assets are in the hands of the experts. We offer:

- Rapid fault identification and resolution
- Protected three year parts warranty (option to extend to five years) plus labour in the first year
- Up to four hour response time for emergency call-outs
- Factory trained technicians (F-gas registered)

Conforms to SFG20 maintenance standard	✓
F-Gas leak test	✓
Oil Analysis	✓
Daikin on Site active remote monitoring	✓
Four visits per annum (1 major / 3 minor)	✓
3 years parts warranty	✓
Optional extra **1 point vibration analysis**	

Daikin Rental Solutions

Daikin Rental Solutions offers **turnkey solutions**, undertaking delivery, assembly and connections of the plant, as well as start-up and monitoring.

50 kW — Heat Pumps — 500 kW

10 kW — Air cooled & Water Cooled Chillers — 1 MW

Chiller Hire

- Air cooled - 50kW to 1MW
- Water cooled - 10kW to 1MW
- Plug & Play & BMS Integration
- Remote monitoring

Air Source Heat Pump Hire

- 50kW to 500kW modular systems
- Both heating and hot water
- Suitable for healthcare and high-care
- Remote monitoring

Dry Air Cooler Hire

- Closed-loop system with zero water usage
- Glycol-compatible, ideal for process industries
- Low acoustic profile for sensitive environments

Boiler Hire

- Diesel & electric
- Capacities from 50kW to 1MW
- Plug-and-play configuration
- Quiet models suitable for occupied buildings

AHU Hire

- Up to 150kW per unit
- Suitable for healthcare, food production, and cleanrooms
- Optional HEPA filtration and hygiene-compliant designs

IDF Heater Hire

- Available in 70kW, 150kW, & 200kW
- Fume-free, thermostatically controlled heating
- Best for construction sites, warehouses, and event venues

Process Cooling

- Supports critical applications
- Chillers, AHUs, tanks, pumps, and ducting
- Rapid-response turnkey delivery and setup

Comfort Heating

- Portable, low-noise solutions
- Suitable for offices, events, retail, and temporary facilities
- Quick deployment and scalable coverage

Turnkey Solutions

- Contingency planning
- Hassle-free quoting
- Full maintenance support
- Remote monitoring
- Swift off-hire and removal
- Ancillary equipment supplied
- Turnkey project management

Find out more at www.daikinrentalsolutions.uk

Active remote monitoring with Daikin on Site

Active monitoring and assistance

- 24/7/365 automated alarm via email
- Remote diagnostic support from Daikin experts
- Quick site assessment
- Smart mobilisation of service personnel to site if necessary

User friendly

- Access to DoS web app
- Remote software upgrades
- Interactive personalised dashboards

Control and measuring

- Master / slave functionality
- Real time operational data and trend insights 24/7/365
- Life-cycle data log
- Automated and tailored reports

Efficiency and reliability

- Reduced operational costs
- Optimised energy efficiency
- Reduced waste
- Reduced carbon footprint
- Enhanced system reliability
- Reduced system downtime

AHU Refurbishment

Fan upgrades to EC fan arrays

- Higher efficiencies
- Significant energy & CO2 savings
- Additional redundancy

Filter replacement

- More effective filter solutions
- Significant impact on IAQ and system pressure drop

Coil replacement

- Re-established optimal performance
- Address set point parameters changes
- Significant cost savings with DX coils

Damper replacement

- Re-established airflow set-points are at the lowest pressure drop

Panel replacement

- Improve casing leakage and thermal performance
- Align to the latest specifications such as HTM-03-01, BS EN 1886 T2/TB2 and Euroclass A insulation

Other

- Controls
- Individual component or full system upgrades
- Re-commissioning
- Reduce overall energy consumption

Prolong the life-cycle of your AHU by a further 10-15 years with turn-key solutions for ALL BRANDS of HVAC equipment

For Product, Service & Maintenance, Rental and Spares enquiries:

0345 565 2700

www.daikinapplied.uk

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