

New Rooftop Series

Available in base, 2-, 3- and 4-damper versions



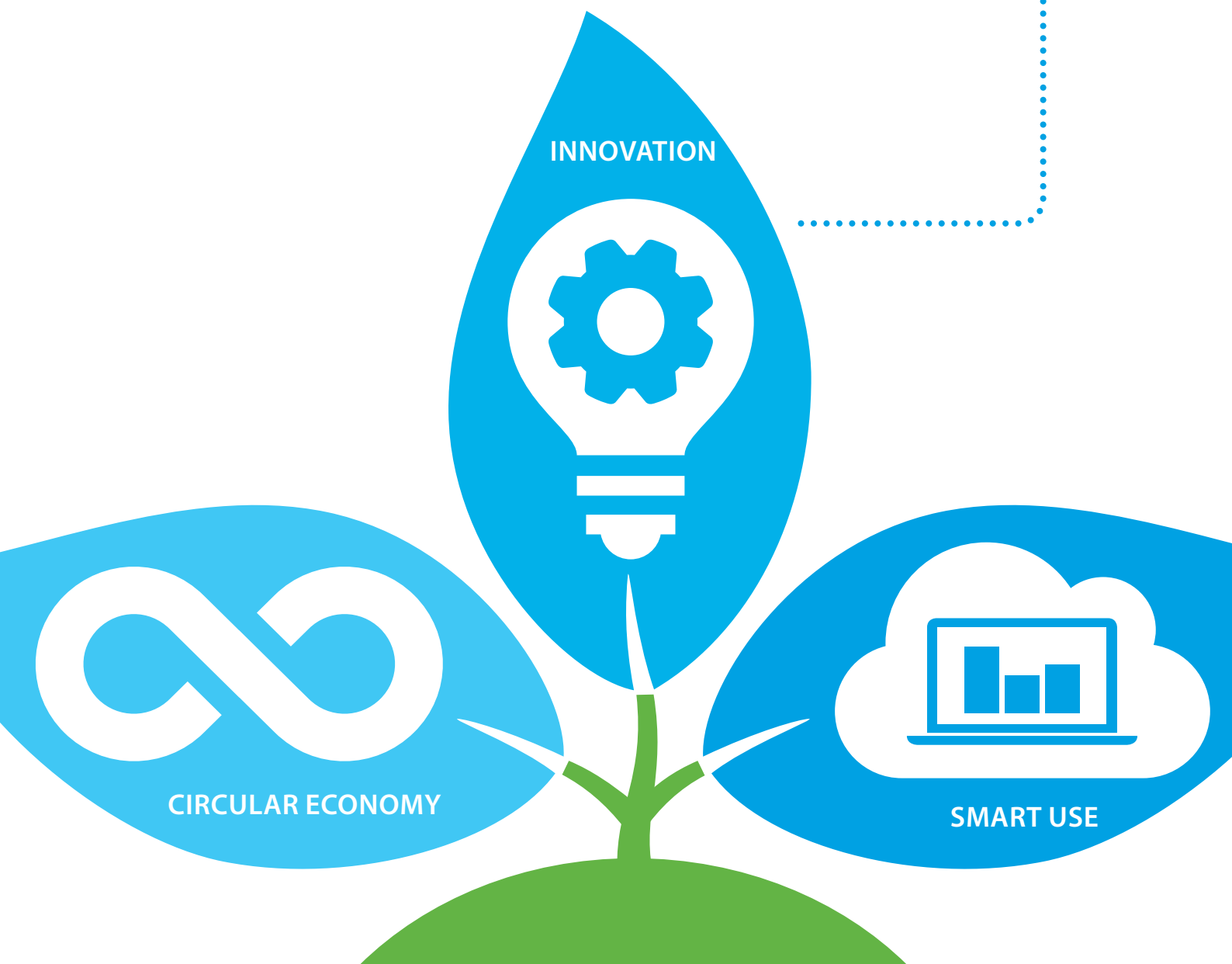
Extensive feature package
included in all Made-To-Stock
and Made-To-Order models



Creating a sustainable future together

Determined to reduce our environmental footprint, we aim to be CO₂-neutral by 2050.
A circular economy, innovation and smart use – these are the stepping stones on our path.

The time to act is now. Join us in creating a sustainable future for HVAC-R.



www.daikin.co.uk/en_gb/knowledge-center/building-a-circular-economy.html



INNOVATION



2013

First R-32 split
Ururu Sarara



2016-2017

Full range of optimised
Split and Sky Air R-32 units.
Launch of R-32 and HFO
chillers.



2018

Daikin Altherma
heat pump range
on R-32



2020

VRV 5, the first fully
optimised VRV for
R-32 refrigerant



2021

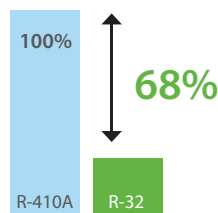
Launch of complete
rooftop portfolio with
R-32 refrigerant

Continuing our path to lower CO₂ equivalent solutions through innovation

Since the launch of Ururu Sarara in 2013, the first air conditioner to use R-32 refrigerant, we have worked to convert our portfolio to lower GWP refrigerants. The launch of the new rooftop series, a completely newly developed portfolio specifically for R-32 refrigerant, is the latest evolution.

Advantages of R-32

- › Lower Global Warming Potential (GWP): only 1/3rd of R-410A
- › Higher energy efficiency
- › Single component refrigerant, easy to handle and recycle



Potential global warming impact

-68%

potential global warming impact

Ahead of the F-gas phase down targets

Thanks to the shift to R-32 we stay ahead of the F-gas regulation phase-down targets. In times where the HVAC-R market is growing fast, this enables us to do our business in a sustainable way, while securing future growth.



With people in mind

Daikin has the ambition to bring you:

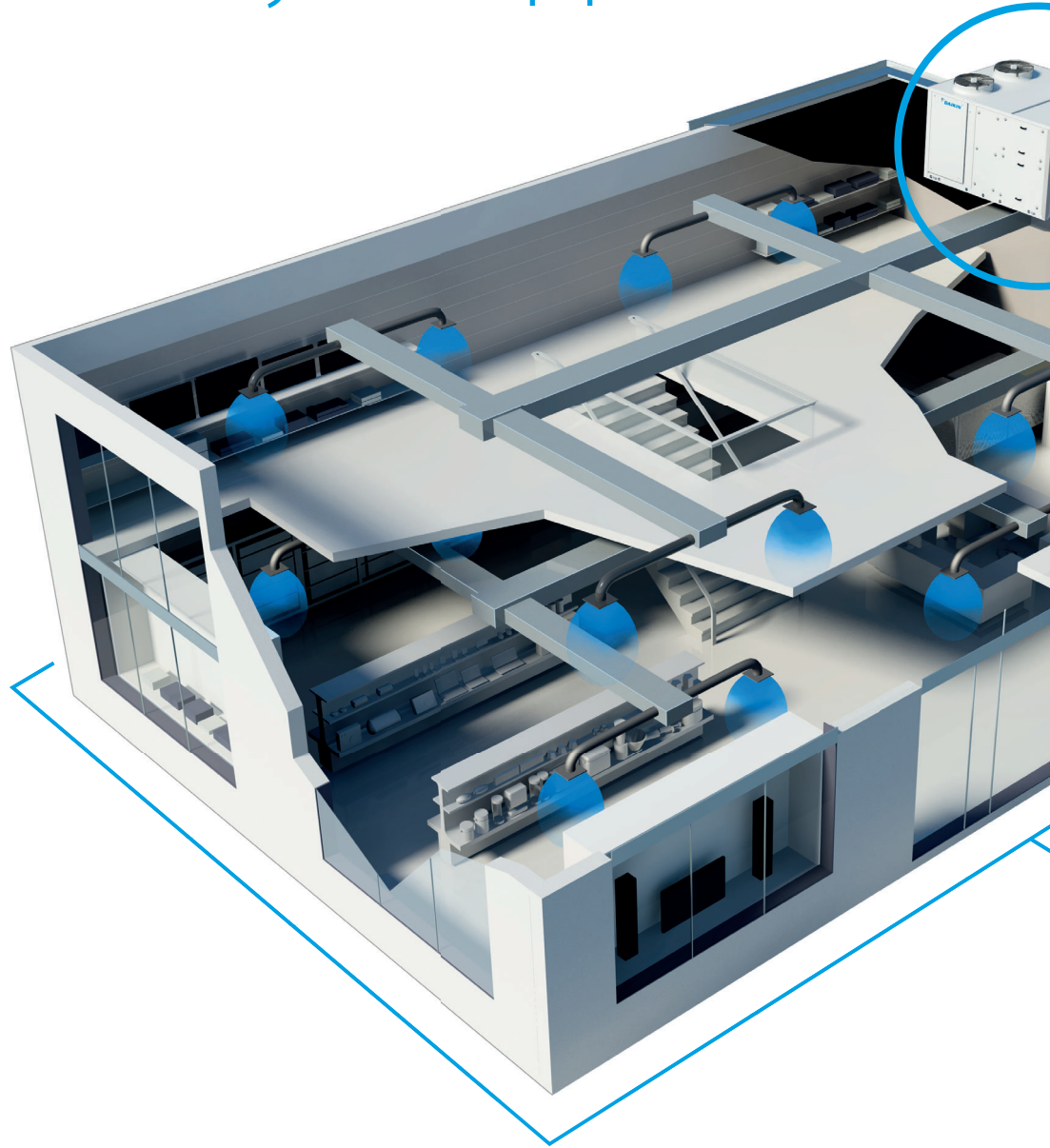
- › the most sustainable system;
- › easy and versatile to install;
- › with credible data.



BLUEVOLUTION

Daikin rooftops

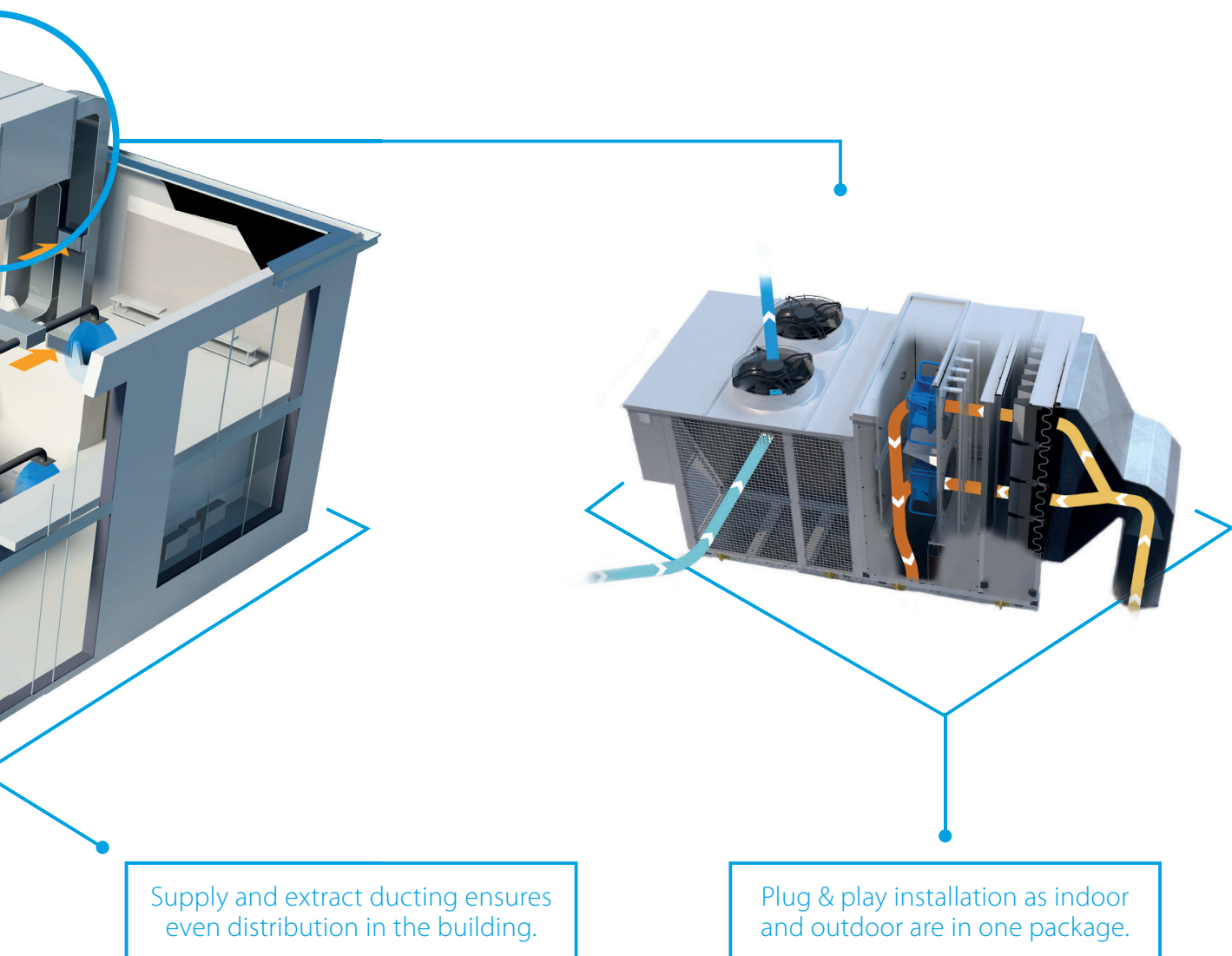
Flexible to suit your application



Rooftop for Retail & Department Stores

Retail & department stores need challenging design because of **limited space and complex building structure, containing different floors and spaces**. Daikin rooftops provide the solution:

- › Ductwork can be connected flexibly to optimize installation space.
- › High efficiency EC plug fans are maintenance free, limiting the downtime of the system for maintenance.
- › Extraction damper and fan ensure there is no overpressure in the building and air circulation is optimised.
- › High indoor air quality can be guaranteed thanks to integrated fresh air provision and multiple air filtration possibilities.



Rooftop for Warehouses & Industry

For building managers and engineers, warehouses or industrial applications can pose serious HVAC **challenges because of their size and unique design**. Daikin rooftops provide the solution:

- › Indoor/outdoor packaged unit and factory charged refrigerant provide cost-effective installation.
- › High ESP up to 800Pa allows extensive ductwork to evenly distribute the air across a large space.
- › Scroll compressor and free cooling ensure highly efficient 24/7 operation.
- › Clogged filter alarm indicates when filter needs cleaning, ensuring optimum operation and minimized energy consumption.

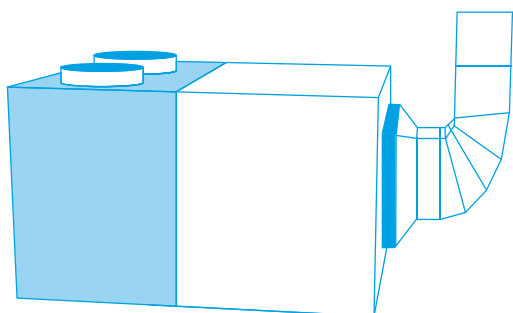


Wide range
of R-32 rooftop units to cover your needs

BLUEVOLUTION



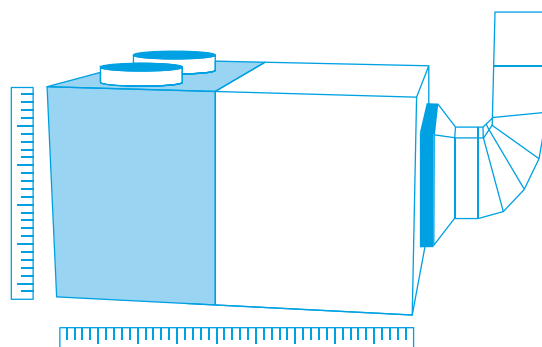
Made-To-Stock units (MTS)



48 predefined units readily available from stock

- › Fast delivery
- › 3 versions: Base, 2 dampers and 3 dampers
 - › Thermodynamic heat recovery available on full FC3 range
- › Extended capacity up to 190 kW!
- › Comes with a wide range of standard integrated features

Made-To-Order units (MTO)



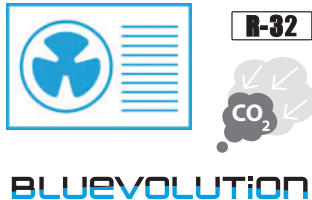
Fully customizable units for maximum flexibility

- › Almost infinite configuration possibilities thanks to wide choice of options
- › 4 versions: Base, 2 dampers, 3 dampers and 4 dampers
 - › Thermodynamic heat recovery available on full FC3 range
 - › Premium efficiency plate heat exchanger available on RS4 range
- › Extended capacity up to 190 kW!
- › Comes with a wide range of standard integrated features
- › Easy selection via selection software: rooftop.daikin.eu

Standard integrated features on all Made-To-Stock and Made-To-Order units

1 R-32 refrigerant

- › Top sustainability thanks to the use of low GWP (675) refrigerant
- › Single component refrigerant, easy to re-use and recycle



2 Inverter driven compressors

- › Great year-round seasonal efficiency
- › Available up to 120 kW models

3 Increased capacity range up to 190 kW!

- › More flexibility to tackle larger projects with a small footprint



4 25 mm double skinned panels

- › Ensuring long-lasting life and providing good thermal and sound insulation

5 Full color touch display

- › Intuitive to use
- › Better visualisation of unit parameters



6 Integrated connectivity

- › Direct integration into Daikin intelligent Touch Manager BMS (via BACNET protocol)
- › Easy integration in 3rd party BMS systems via Ethernet port (BACnet TCP/IP & Modbus TCP/IP) or 3-cable port (Modbus over RS485)



7 Selection software

- › Easy selection of the correction unit and options based on location conditions
- › Direct availability of technical drawings



Select and configure your rooftop now!

rooftop.daikin.eu

More standard integrated features

- › ISO Coarse 75% filter (G4) (standard for MTS only)
- › Standard clogged filter alarm
- › Flexible air delivery
- › Hydrophilic aluminum fins on indoor and outdoor unit side
- › Mesh coil guard on outdoor heat exchanger
- › Factory mounted drain pan with heater
- › Single operation voltage-free contact
- › Power supply connection safety through max/min voltage relay and reversed phase connection

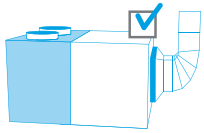


4 versions to choose from

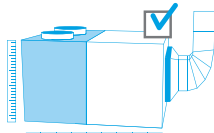
UATYA-BBAY1

High installation flexibility and easy servicing

- › Easy to install 'plug and play' concept plus single installation configuration; no additional piping is required since indoor and outdoor sides are pre-connected
- › High efficiency and reliable scroll compressor
- › Factory pre-charged refrigerant ensures clean and efficient operation

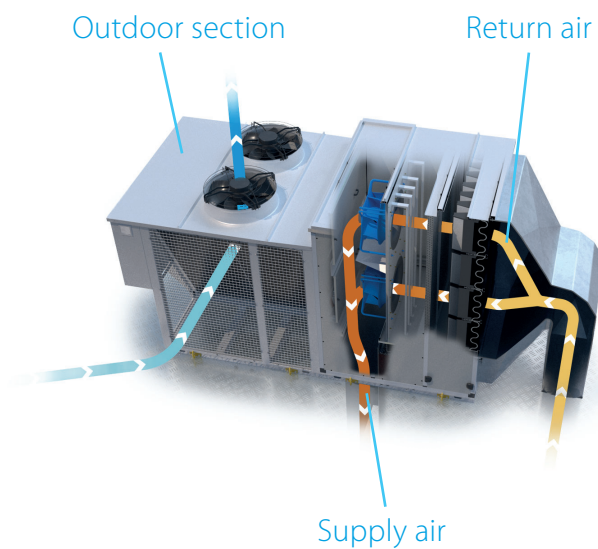


Made-To-Stock units (MTS)



Made-To-Order units (MTO)

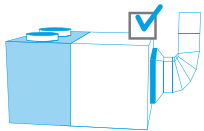
HEATING OPERATION EXAMPLE



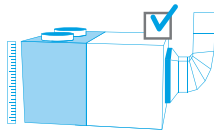
UATYA-BFC2Y1

2 damper version, with integrated fresh air

- › Free cooling with up to 100% fresh air possible
 - › Improved air quality
 - › Energy saving using fresh outdoor air to cool the building
- › Includes all Base model features

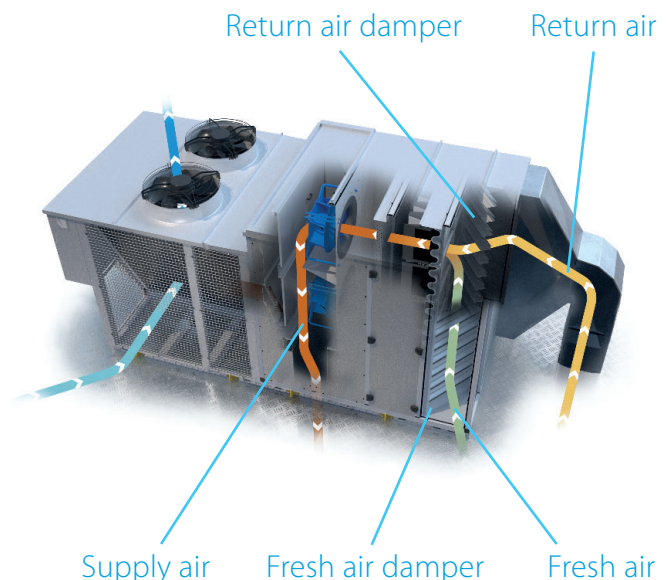


Made-To-Stock units (MTS)



Made-To-Order units (MTO)

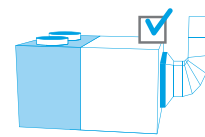
HEATING OPERATION EXAMPLE



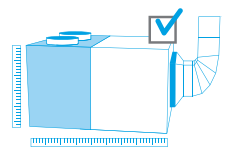
UATYA-BFC3Y1

3 damper version, with integrated fresh air and extraction

- › Extraction damper integrated
 - › Eliminates excessive overpressure in the building
 - › Including high efficient extraction fan for optimum air circulation in larger buildings
- › Thermodynamic heat recovery
 - › Saves energy by recovering waste heat through the outdoor heat exchanger
 - › Available on all models
- › Includes all FC2 model features

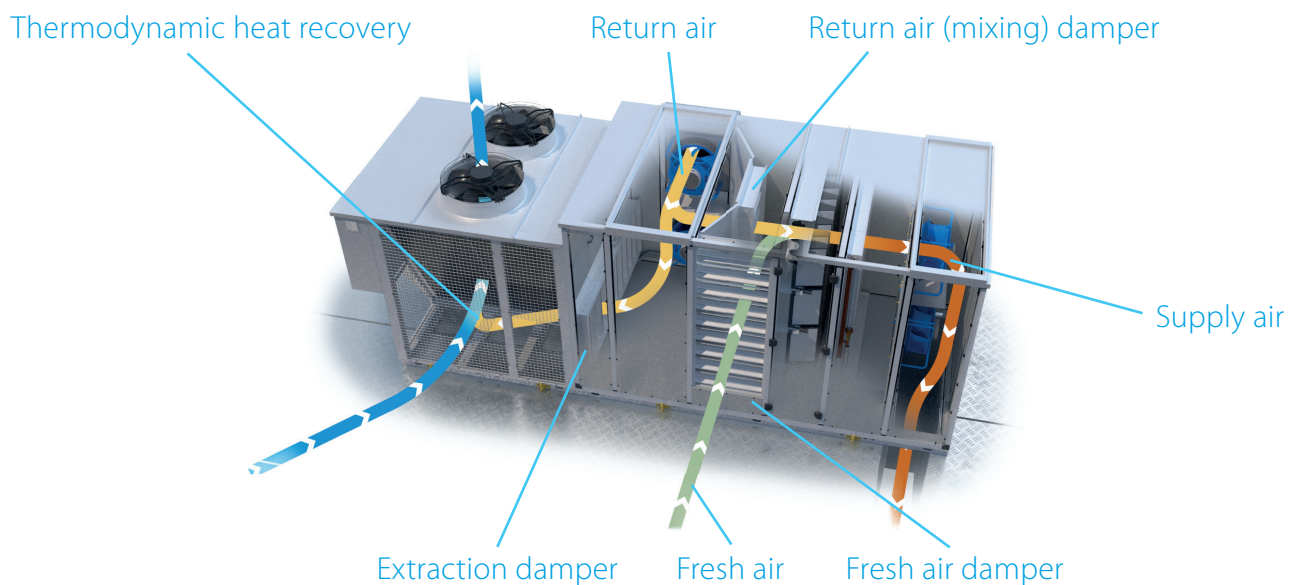


Made-To-Stock units (MTS)



Made-To-Order units (MTO)

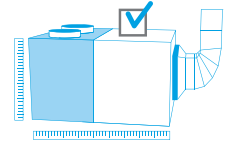
HEATING OPERATION EXAMPLE



UATYA-BRS4*

4 damper version, with integrated fresh air, extraction and plate heat recovery

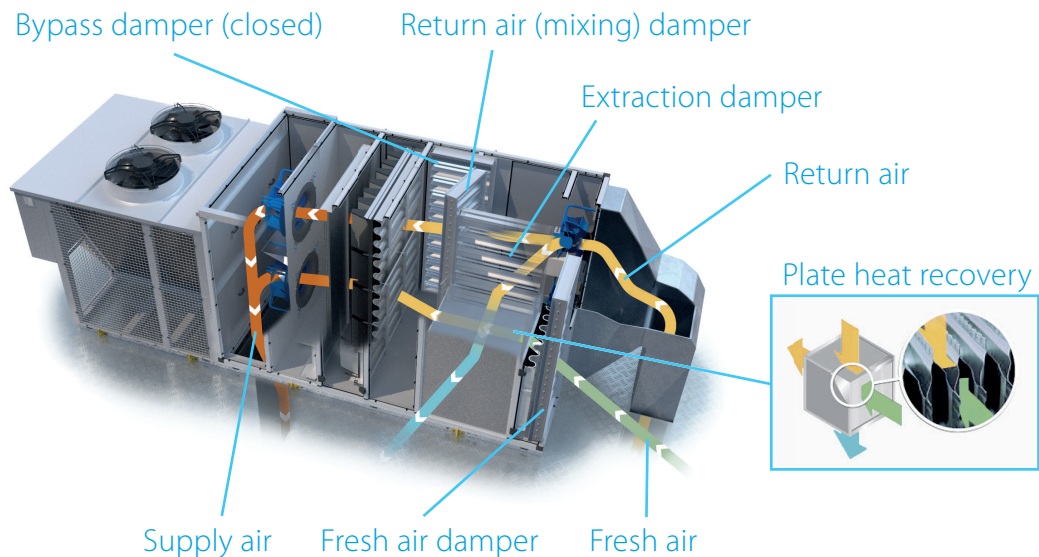
- › Premium efficiency counter flow plate heat exchanger
 - › Recovers up to 58% waste heat from the return air
 - › Available in 50% and 100% return air heat recovery
- › Bypass damper to allow plate heat exchange or free cooling
- › Additional thermodynamic heat recovery available up to 50kW models
- › Includes all FC3 model features
- › Only available as Made-To-Order model



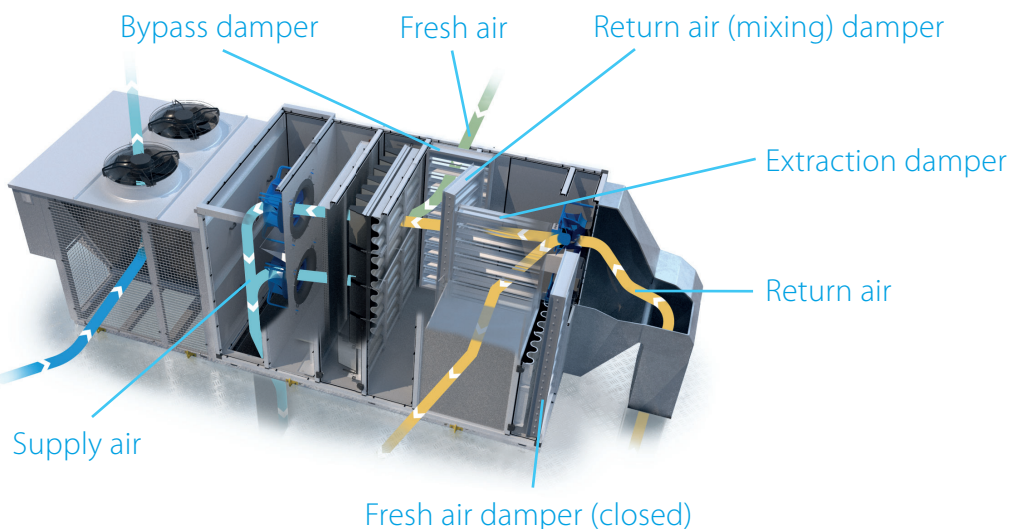
Made-To-Order units (MTO) only

* Indicative model name. Correct model name to be retrieved from selection software.

PLATE HEAT RECOVERY MODE IN HEATING OPERATION



USE OF BYPASS DAMPER IN FREE COOLING MODE



EC plug fan

size options to allow different ESP values



Products overview rooftops

BLUEvolution

Capacity class (kW)

Type	Model	MTS Product name	Refrigerant	Version	25	30	40	50	60	70	80	90	100	110	120	140	150	160	180	190
Air cooled Heat pump	Rooftop unit With extensive base package for high installation flexibility and easy servicing - 'Plug and play' for easy installation - High efficiency - Field convertible return and supply air - Direct integration with Daikin or third party BMS - Factory pre-charged refrigerant	UATYA-BBAY1	R-32	MTS MTO	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Rooftop unit 2 damper version with integrated fresh air - Free cooling with up to 100% fresh air intake - Comes with all Base model features	UATYA-BFC2Y1		MTS MTO	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Rooftop unit 3 damper version with integrated fresh air and extraction - Integrated extraction damper eliminates over-pressure - Thermodynamic heat recovery, recovering waste heat - Comes with all FC2 model features	UATYA-BFC3Y1		MTS MTO	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Rooftop unit 4 damper version with integrated fresh air, extraction and plate heat exchanger - Premium efficiency plate heat exchanger, recovering waste heat - Comes with all FC3 model features	UATYA-BRS4*		MTO	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

* Indicative model name. Correct model name to be retrieved from selection software.

Field applied accessories for Made-To-Stock units

		MTS - BASE series - UATYA-BBAY1						MTS - FC2 series - UATYA-BFC2Y1						MTS - FC3		
		25-30	40	50	60-70	80-120	140-190	25-30	40-50	60-70	80-90	100-120	140-190	25-30	40-50	60-70
Control	UATYAWRC Remote Touch Screen Wired Remote Controller	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	UATYACO2P Duct Air Quality CO2 Probe	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	UATYACAP Constant Air Pressure Control Airflow Transducer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	UATYARRP Room temperature return probe (incl. housing)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	UATYASA Fire and smoke alarm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Air treatment	Filter ISO Coarse 75% (G4)	"2x UATYA-C75A + 2x UAT-YAC75B (Standard for MTS)"	"3x UATYA-C75A + 3x UAT-YAC75B (Standard for MTS)"	"3x UATYA-C75A + 3x UAT-YAC75B (Standard for MTS)"	"6x UAT-YAC75B (Standard for MTS)"	"12x UAT-YAC75C (Standard for MTS)"	"12x UAT-YAC75C (Standard for MTS)"	"2x UATYA-C75A + 2x UAT-YAC75B (Standard for MTS)"	"3x UATYA-C75A + 3x UAT-YAC75B (Standard for MTS)"	"6x UAT-YAC75B (Standard for MTS)"	"12x UAT-YAC75C (Standard for MTS)"	"12x UAT-YAC75C (Standard for MTS)"	"12x UAT-YAC75C (Standard for MTS)"	"2x UATYA-C75A + 2x UAT-YAC75B (Standard for MTS)"	"3x UATYA-C75A + 3x UAT-YAC75B (Standard for MTS)"	"6x UAT-YAC75B (Standard for MTS)"
	Filter ISO ePM10 50% (M5/F5)	"2x UATYAEP-M1050A + 2x UATY-AEPM1050B"	"3x UATYAEP-M1050A + 3x UATY-AEPM1050B"	"3x UATYAEP-M1050A + 3x UATY-AEPM1050B"	3x UATY-AEPM1050B	12x UATY-AEPM1050C	12x UATY-AEPM1050C	"2x UATYAEP-M1050A + 2x UATY-AEPM1050B"	"3x UATYAEP-M1050A + 3x UATY-AEPM1050B"	3x UATY-AEPM1050B	12x UATY-AEPM1050C	12x UATY-AEPM1050C	12x UATY-AEPM1050C	"2x UATYAEP-M1050A + 2x UATY-AEPM1050B"	"3x UATYAEP-M1050A + 3x UATY-AEPM1050B"	3x UATY-AEPM1050B
	Filter ISO ePM10 70% (M6)	"2x UATYAEP-M1070A + 2x UATY-AEPM1070B"	"3x UATYAEP-M1070A + 3x UATY-AEPM1070B"	"3x UATYAEP-M1070A + 3x UATY-AEPM1070B"	6x UATY-AEPM1070B	12x UATY-AEPM1070C	12x UATY-AEPM1070C	"2x UATYAEP-M1070A + 2x UATY-AEPM1070B"	"3x UATYAEP-M1070A + 3x UATY-AEPM1070B"	6x UATY-AEPM1070B	12x UATY-AEPM1070C	12x UATY-AEPM1070C	12x UATY-AEPM1070C	"2x UATYAEP-M1070A + 2x UATY-AEPM1070B"	"3x UATYAEP-M1070A + 3x UATY-AEPM1070B"	6x UATY-AEPM1070B
	Rigid bag filter ISO ePM1 50% (F7)	"2x UATYAEP-M150A + 2x UATY-AEPM150B"	"3x UATYAEP-M150A + 3x UATY-AEPM150B"	"3x UATYAEP-M150A + 3x UATY-AEPM150B"	6x UATY-AEPM150B	12x UATY-AEPM150C	12x UATY-AEPM150C	"2x UATYAEP-M150A + 2x UATY-AEPM150B"	"3x UATYAEP-M150A + 3x UATY-AEPM150B"	6x UATY-AEPM150B	12x UATY-AEPM150C	12x UATY-AEPM150C	12x UATY-AEPM150C	"2x UATYAEP-M150A + 2x UATY-AEPM150B"	"3x UATYAEP-M150A + 3x UATY-AEPM150B"	6x UATY-AEPM150B
	Rigid bag filter ISO ePM1 85% (F9)	"2x UATYAEP-M185A + 2x UATY-AEPM185B"	"3x UATYAEP-M185A + 3x UATY-AEPM185B"	"3x UATYAEP-M185A + 3x UATY-AEPM185B"	6x UATY-AEPM185B	12x UATY-AEPM185C	12x UATY-AEPM185C	"2x UATYAEP-M185A + 2x UATY-AEPM185B"	"3x UATYAEP-M185A + 3x UATY-AEPM185B"	6x UATY-AEPM185B	12x UATY-AEPM185C	12x UATY-AEPM185C	12x UATY-AEPM185C	"2x UATYAEP-M185A + 2x UATY-AEPM185B"	"3x UATYAEP-M185A + 3x UATY-AEPM185B"	6x UATY-AEPM185B
Other	Rubber antivibration mounts	2x UAT-YAAVM1	"1x UAT-YAAVM1 + 1x UAT-YAAVM2"	2x UAT-YAAVM1	"2x UAT-YAAVM1 + 2x UAT-YAAVM2"	4x UAT-YAAVM1	"2x UAT-YAAVM1 + 2x UAT-YAAVM2"	2x UAT-YAAVM1	2x UAT-YAAVM1	"3x UAT-YAAVM1 + 1x UAT-YAAVM2"	4x UAT-YAAVM1	"3x UAT-YAAVM1 + 1x UAT-YAAVM2"	"2x UAT-YAAVM1 + 2x UAT-YAAVM2"	"1x UAT-YAAVM1 + 1x UAT-YAAVM2"	"1x UAT-YAAVM1 + 1x UAT-YAAVM2"	"3x UAT-YAAVM1 + 1x UAT-YAAVM2"
	Rubber antivibration mounts when gas heater is used	"1x UAT-YAAVM1 + 1x UAT-YAAVM2"	"1x UAT-YAAVM1 + 1x UAT-YAAVM2"	"1x UAT-YAAVM1 + 1x UAT-YAAVM2"	"1x UAT-YAAVM1 + 2x UAT-YAAVM2"	5x UATYAAVM1	5x UATYAAVM1	2x UATYAAVM1	"1x UAT-YAAVM1 + 1x UAT-YAAVM2"	4x UATYAAVM1	5x UATYAAVM1	5x UATYAAVM1	5x UATYAAVM1	"1x UAT-YAAVM1 + 1x UAT-YAAVM2"	"2x UAT-YAAVM1 + 1x UAT-YAAVM2"	4x UAT-YAAVM1
	Rainproof hood with anti-intrusion grille	N/A	N/A	N/A	N/A	N/A	N/A	UATYARPH3	UATYARPH4	UATYARPH5	UATYARPH6	UATYARPH6	UATYARPH6	UATYARPH1	UATYARPH2	UATYARPH8

Wide choice of factory-mounted **options** on **Made-To-Order** units

Indoor air treatment



- › Filters and rigid bag filters
- › Multistage filtration possible
- › From ISO Coarse 75% (G4) up to ISO ePM1 85% (F9)



- › Auxiliary heat sources for additional or complementary heating
- › Gas burner
- › Electric coil
- › Hot water coil



- › Steam humidifier and post-heating



- › Oversized and extraoversized supply and return radial EC plug fans to provide a higher ESP

- › Spring return dampers in case of power failure and/or fire alarm

- › Pre-heater from heat recovery water coil, to recover waste heat from applications where heat is rejected

series - UATYA-BFC3Y1			
80-100	110-120	140-180	190
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
"12x UAT-YAC75C (Standard for MTS)"	"12x UAT-YAC75C (Standard for MTS)"	"12x UAT-YAC75C (Standard for MTS)"	"12x UAT-YAC75C (Standard for MTS)"
12x UATY-AEPM1050C	12x UATY-AEPM1050C	12x UATY-AEPM1050C	12x UATY-AEPM1050C
12x UATY-AEPM1070C	12x UATY-AEPM1070C	12x UATY-AEPM1070C	12x UATY-AEPM1070C
12x UATY-AEPM150C	12x UATY-AEPM150C	12x UATY-AEPM150C	12x UATY-AEPM150C
12x UATY-AEPM185C	12x UATY-AEPM185C	12x UATY-AEPM185C	12x UATY-AEPM185C
"2x UAT-YAAM1 + 2x UAT-YAAM2"	"2x UAT-YAAM1 + 2x UAT-YAAM2"	"4x UAT-YAAM1 + 1x UAT-YAAM2"	"3x UAT-YAAM1 + 2x UAT-YAAM2"
5x UAT-YAAM1	"4x UAT-YAAM1 + 1x UAT-YAAM2"	"3x UAT-YAAM1 + 2x UAT-YAAM2"	"3x UAT-YAAM1 + 2x UAT-YAAM2"
UATYARPH7	UATYARPH7	UATYARPH7	UATYARPH7

Outdoor air treatment

- › Anticorrosion treatment on heat exchanger
- › Standard or EC axial fan
- › Softstarter on compressor for units ≥ 140kW
- › Soundproof compartment on compressor



Control options

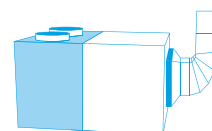
- › BMS gateway via Ethernet:
 - › SNMP & Modbus TCP/IP (standard BACnet TCP/IP connection can not be used anymore)
- › BMS gateway via 3-cable port:
 - › BACnet MS/TP OR Lonworks (standard Modbus RS485 connection can not be used anymore)

Field applied **accessories** for **Made-To-Order** units

		MTO - BASE series	MTO - FC2 series	MTO - FC3 series	MTO - RS4 series
Control	UATYACO2P - Duct air quality CO2 probe	•	•	•	•
	UATYACAP - Constant air pressure control airflow transducer	•	•	•	•
	UATYAWRC - Remote touch screen wired remote controller	•	•	•	•
	UATYARRP - Room temperature return probe (incl. housing)	•	•	•	•
	UATYASA - Fire and smoke detector	•	•	•	•
Other	Rubber antivibration mounts	• (1)	• (1)	• (1)	• (1)
	Rainproof hood with anti-intrusion grille	• (1)	• (1)	• (1)	• (1)

⁽¹⁾ Reference code to be selected in selection software

Specifications Made-To-Stock units



UATYA20-30BBAY1

UATYA-BBAY1

			25	30	40	50	60	70	80	90	100	110	120	140	150	160	180	190
Capacity	UK Total Cooling	kW	23.5	30.1	34.8	41.0	53.3	59.8	68.3	81.4	88.0	99.2	103.9	121.5	130.7	143.0	156.6	170.1
	UK Sensible Cooling	kW	18.6	23.7	27.2	32.3	40.0	45.2	55.9	59.1	66.1	76.1	83.2	98.2	103.9	116.2	120.8	132.1
	Nominal Heating	kW	25.3	31.1	36.3	46.2	55.1	64.9	68.5	84.2	92.8	101.6	108	123.1	136.4	147.1	157.1	176.9
Nominal Efficiency	EER (with 30% fresh air)		2.83	3.09	3.06	2.96	3.12	2.92	3.09	3.06	2.97	2.99	2.91	3.14	3.02	3.05	3.07	2.97
	COP (with 30% fresh air)		3.22	3.31	3.26	3.24	3.25	3.21	3.37	3.22	3.20	3.35	3.25	3.44	3.33	3.26	3.33	3.27
Seasonal Efficiency	ηs,c	%	181.6	192.6	216.1	210.5	217.1	178.1	219.4	215.8	203.7	208.6	203.0	172.1	167.2	167.6	162.8	160.2
	ηs,h	%	131.0	132.2	143.8	143.0	135.6	133.5	145.2	143.0	141.6	139.3	138.3	132.5	131.4	130.8	129.5	130.6
Dimensions	Height	mm	1924	1924	2374	2374	1924	1924	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374
	Width	mm	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
	Depth	mm	2427	2427	2427	2427	4,317	4,317	4,317	4,317	4,317	4,317	4,317	5,117	5,117	5,117	5,117	5,117
Weight	Unit	kg	852	908	966	986	1,551	1,651	1,798	1,856	1,922	2,008	2,018	2,454	2,462	2,504	2,558	2,636
External Static Pressure			Pa															
Air Flow Rate			m³/sec															
Refrigerant	Evaporator		1.250	1.611	2.083	2.500	3.056	3.611	4.028	4.583	5.000	5.500	6.000	6.944	7.361	7.778	8.472	8.750
	R32		R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32
Sound Pressure	Nominal	dB(A)	63.9	66.0	68.0	67.3	69.0	68.1	72.6	68.7	69.9	70.6	74.2	68.3	68.3	68.7	69.1	70.0
	Cooling	°CDB	-10 - 48															
Operation range	Heating	°CWB	-15 - 26															
Electrical details	Power Supply	V	400															
		Hz	50															
		Phase	3ph															
	Running Current	A	13.3	22.6	23.4	31.6	34.5	42.0	47.9	65.0	65.0	68.4	68.4	98.6	107.4	116.0	125.2	131.2
Recommended Fuse Size			A	25	40	40	50	50	63	80	100	100	100	100	160	160	200	200



UATYA60-70BFC2Y1

UATYA-BFC2Y1

			25	30	40	50	60	70	80	90	100	110	120	140	150	160	180	190
Capacity	UK Total Cooling	kW	23.5	30.1	34.8	41.0	53.3	59.8	68.3	81.4	88.0	99.2	103.9	121.5	130.7	143.0	156.6	170.1
	UK Sensible Cooling	kW	18.6	23.7	27.2	32.2	40.0	45.2	55.9	59.1	66.1	76.1	83.2	98.2	103.9	116.2	120.8	132.1
	Nominal Heating	kW	25.3	31.1	36.3	46.2	55.1	64.9	68.5	84.2	92.8	101.5	108	123.1	136.4	147.1	157.1	176.9
Nominal Efficiency	EER (with 30% fresh air)		2.97	3.26	3.21	3.10	3.28	3.06	3.26	3.24	3.13	3.13	3.03	3.29	3.16	3.19	3.21	3.10
	COP (with 30% fresh air)		3.41	3.56	3.48	3.10	3.47	3.44	3.62	3.47	3.46	3.60	3.48	3.69	3.57	3.50	3.58	3.55
Seasonal Efficiency	ηs,c	%	181.6	192.6	216.1	210.5	217.1	178.1	219.4	215.8	203.7	208.6	203.0	172.1	167.2	167.6	162.8	160.2
	ηs,h	%	131.0	132.2	143.8	143.0	135.6	133.5	145.2	143.0	141.6	139.3	138.3	132.5	131.4	130.8	129.5	130.6
Dimensions	Height	mm	1924	1924	2374	2374	1924	1924	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374
	Width	mm	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
	Depth	mm	2943	2943	2943	2943	4879	4879	4879	4879	4879	4879	4879	5679	5679	5679	5679	5679
Weight	Unit	kg	981	1,014	1,084	1,143	1,703	1,803	1,984	2,040	2,110	2,196	2,206	2,658	2,668	2,708	2,746	2,828
External Static Pressure			Pa															
Air Flow Rate			m³/sec															
Refrigerant	Evaporator		1.25	1.61	2.08	2.50	3.06	3.61	4.03	4.58	5.00	5.50	6.00	6.94	7.36	7.78	8.47	8.75
	R32		R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32
Sound Pressure	Nominal	dB(A)	63.9	66.0	68.0	67.3	69.0	68.1	72.6	68.7	69.9	70.6	74.2	68.3	68.3	68.7	69.1	70.0
	Cooling	°CDB	-10 - 48															
Operation range	Heating	°CWB	-15 - 26															
Electrical details	Power Supply	V	400															
		Hz	50															
		Phase	3ph															
	Running Current	A	13.3	22.6	23.4	31.6	34.5	42.0	47.9	65.0	65.0	68.4	68.4	98.6	107.4	116.0	125.2	131.2
Recommended Fuse Size			A	25	40	40	50	50	63	80	100	100	100	100	160	160	200	200

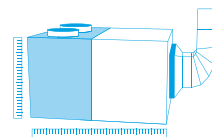


UATYA-BFC3Y1

UATYA80-120BFC3Y1

			25	30	40	50	60	70	80	90	100	110	120	140	150	160	180	190
Capacity	UK Total Cooling	kW	23.5	30.1	34.8	41.0	53.3	59.8	68.3	81.4	88.0	99.2	103.9	121.5	130.7	143.0	156.6	170.1
	UK Sensible Cooling	kW	18.6	23.7	27.2	32.2	40.0	45.2	55.9	59.1	66.1	76.1	83.2	98.2	103.9	116.2	120.8	132.1
	Nominal Heating	kW	25.3	31.1	36.3	46.2	55.1	64.9	68.5	84.2	92.8	101.5	108.0	123.1	136.4	147.1	157.1	176.9
Nominal Efficiency	EER (with 30% fresh air)		2.96	3.20	3.27	3.12	3.23	3.00	3.21	3.22	3.14	3.11	3.01	3.26	3.14	3.18	3.21	3.14
	COP (with 30% fresh air)		3.38	3.48	3.51	3.46	3.40	3.39	3.56	3.45	3.42	3.57	3.40	3.62	3.57	3.49	3.63	3.50
Seasonal Efficiency	η _{s,c}	%	181.6	192.6	216.1	210.5	217.1	178.1	219.4	215.8	203.7	208.6	203.0	172.1	167.2	167.6	162.8	160.2
	η _{s,h}	%	131.0	132.2	143.8	143.0	135.6	133.5	145.2	143.0	141.6	139.3	138.3	132.5	131.4	130.8	129.5	130.6
Dimensions	Height	mm	1924	1924	2374	2374	1924	1924	2374	2374	2374	2374	2374	2374	2374	2374	2374	2374
	Width	mm	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
	Depth	mm	3514	3514	3514	3514	6317	6317	6317	6317	6317	6317	6317	7117	7117	7117	7117	7117
Weight	Unit	kg	1,166	1,196	1,310	1,329	1,996	2,094	2,336	2,382	2,452	2,548	2,558	3,024	3,035	3,074	3,192	3,271
External Static Pressure		Pa	300															
Air Flow Rate		m³/sec	1.25	1.61	2.08	2.50	3.06	3.61	4.03	4.58	5.00	5.50	6.00	6.94	7.36	7.78	8.47	8.75
Refrigerant			R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32
Sound Pressure		dB(A)	63.9	66.0	68.0	67.3	69.0	68.1	72.6	68.7	69.9	70.6	74.2	68.3	68.3	68.7	69.1	70.0
Operation range	Cooling	°CDB	-10 - 48															
	Heating	°CWB	-15 - 26															
Electrical details	Power Supply	V	400															
		Hz	50															
		Phase	3ph															
Running Current		A	15.4	24.7	27.6	35.8	38.7	47.4	55.3	73.4	73.4	76.8	76.8	107.0	118.2	126.8	140.0	146.0
Recommended Fuse Size		A	25	40	40	50	50	63	80	100	100	100	100	160	160	160	200	200

Specifications Made-To-Order units



All naming in the tables above is valid for Made-To-Stock units only.

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