



UATYA 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



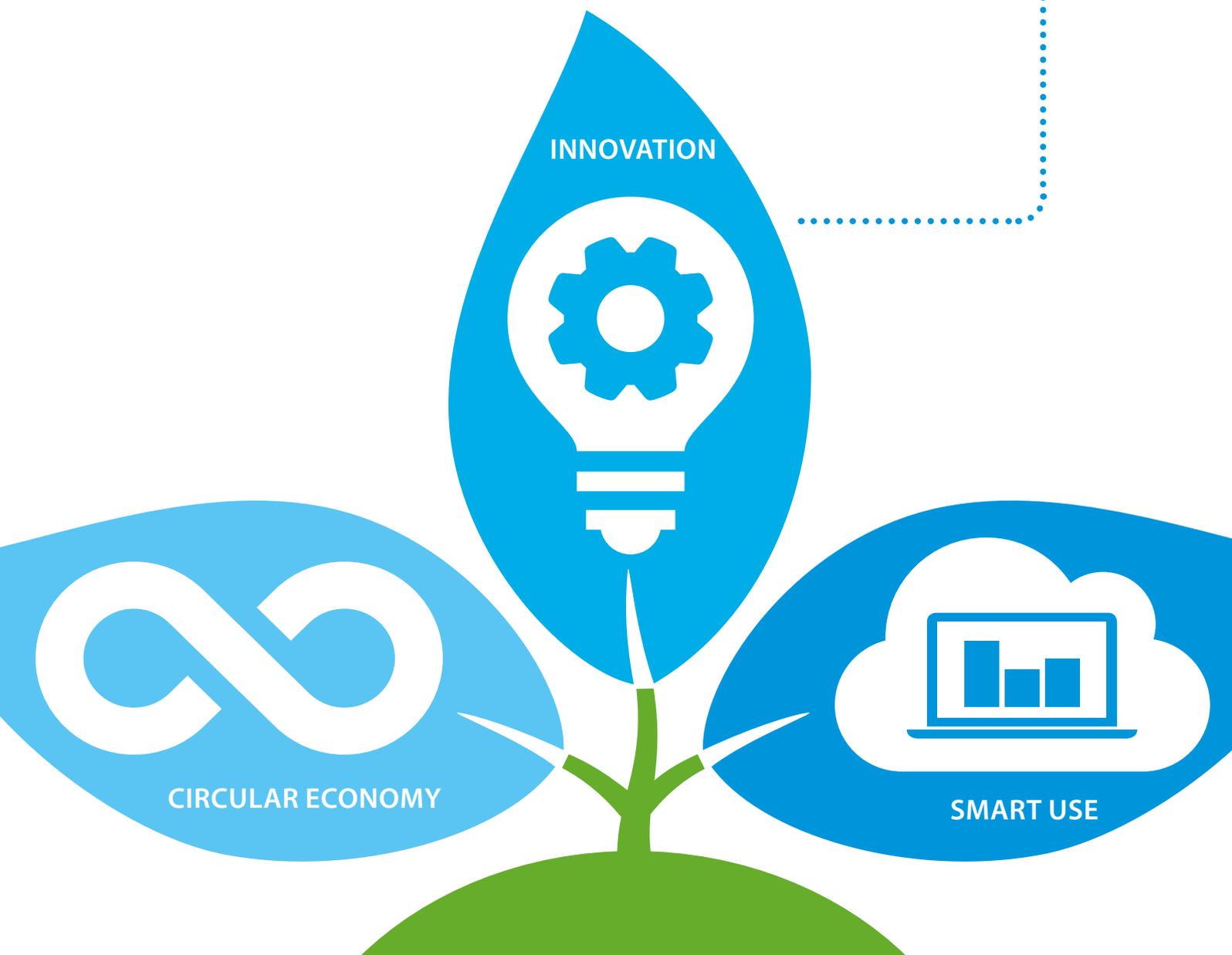
BLUEEVOLUTION

R-32

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.





INNOVATION



First R-32 split
Ururu Sarara



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



Daikin Altherma
heat pump range
on R-32



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



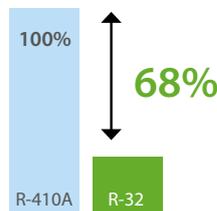
Launch of complete
rooftop portfolio with
R-32 refrigerant

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



With people in mind

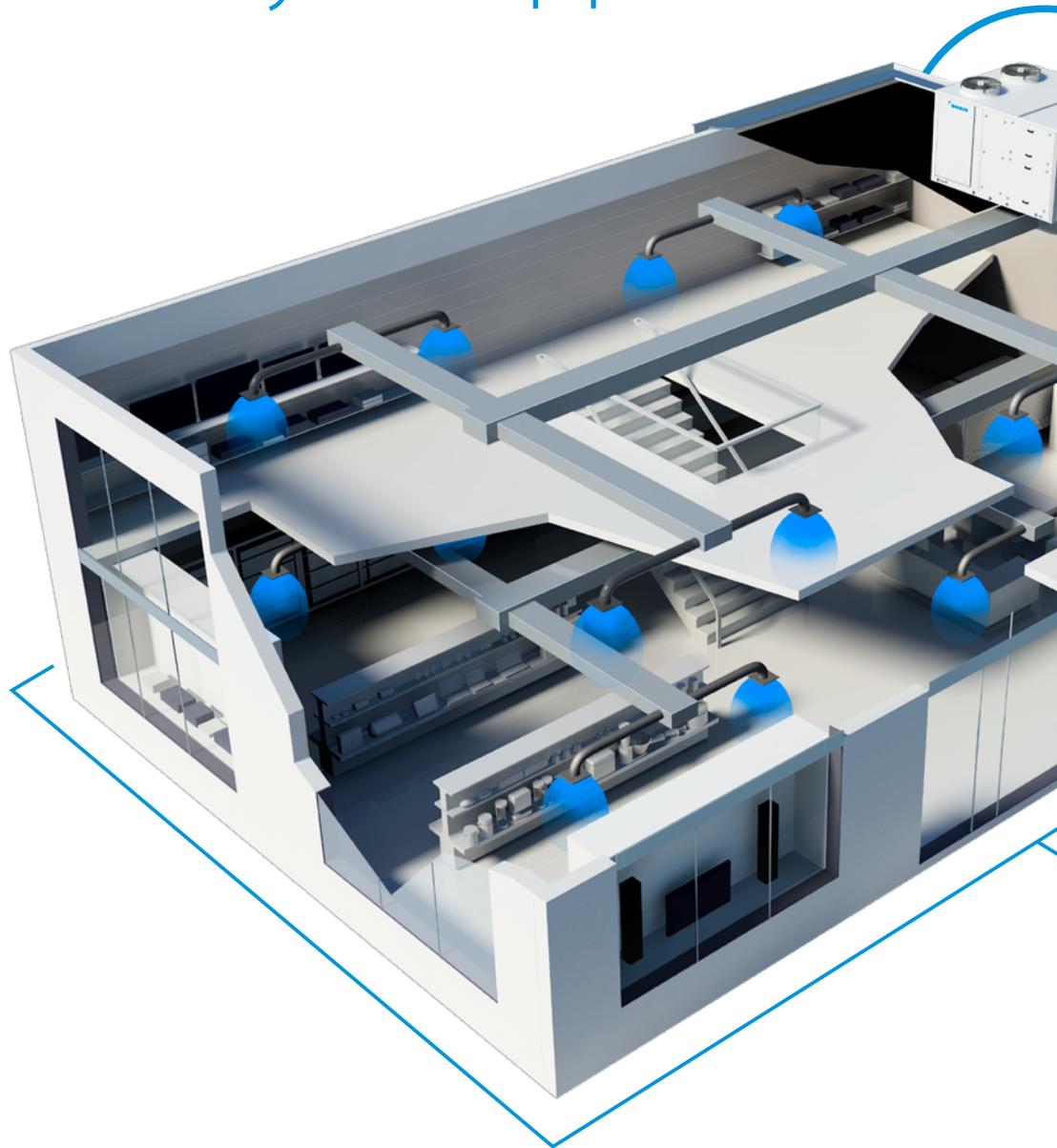
Daikin has the ambition to bring you:

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



Daikin rooftops

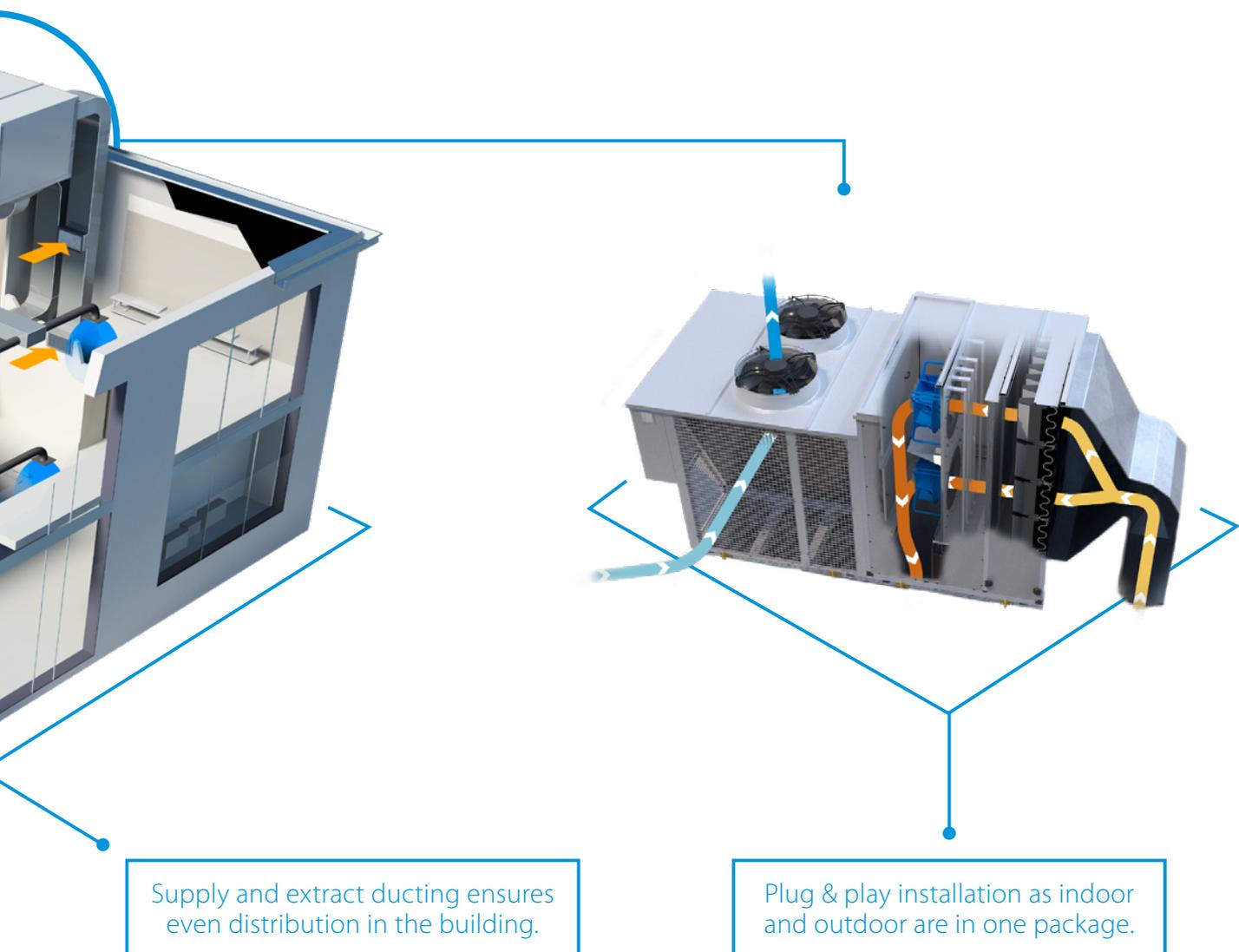
Flexible to suit your application



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.



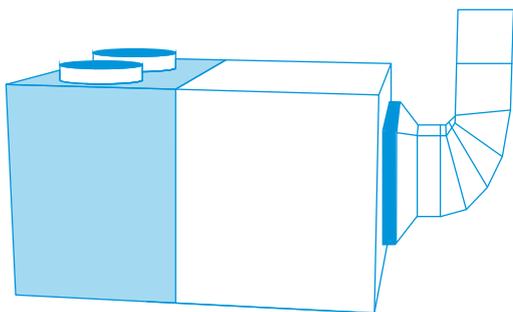
Rooftop for Warehouses & Industry

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.



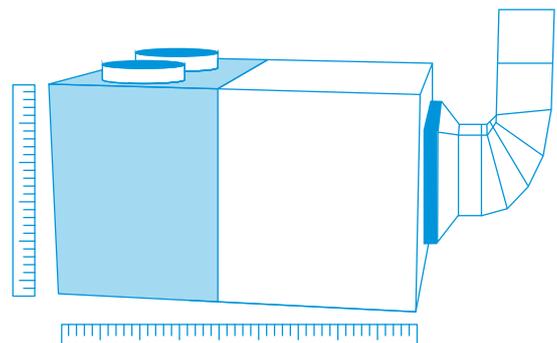
Made-To-Stock units (MTS)



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



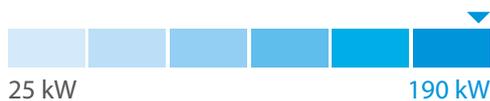
BLUEEVOLUTION

2 Inverter driven compressors

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

3 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

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

5 Full color touch display

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



6 Integrated connectivity

- › Integration into Daikin intelligent Touch Manager BMS (via BACNET protocol)
- › 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



8 BIM objects

- › All made to stock units available as Revit, IFC, Archicad and AutoCAD files
- › All made to order units available as Revit



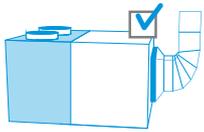
Download our objects now!
bim.daikin.eu

4 versions to choose from

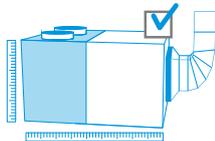
UATYA-BBAY1

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

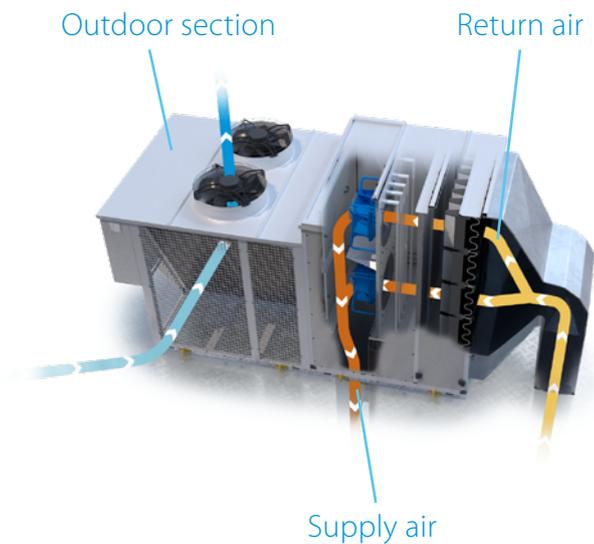


Made-To-Stock units (MTS)



Made-To-Order units (MTO)

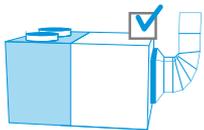
HEATING OPERATION EXAMPLE



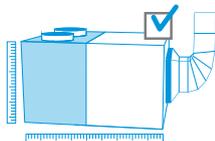
UATYA-BFC2Y1

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

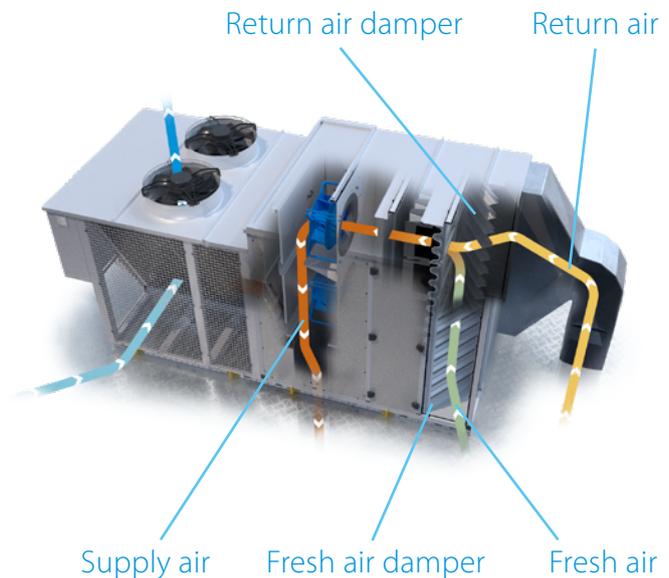


Made-To-Stock units (MTS)



Made-To-Order units (MTO)

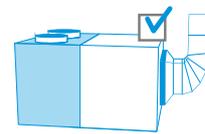
HEATING OPERATION EXAMPLE



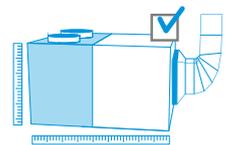
UATYA-BFC3Y1

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

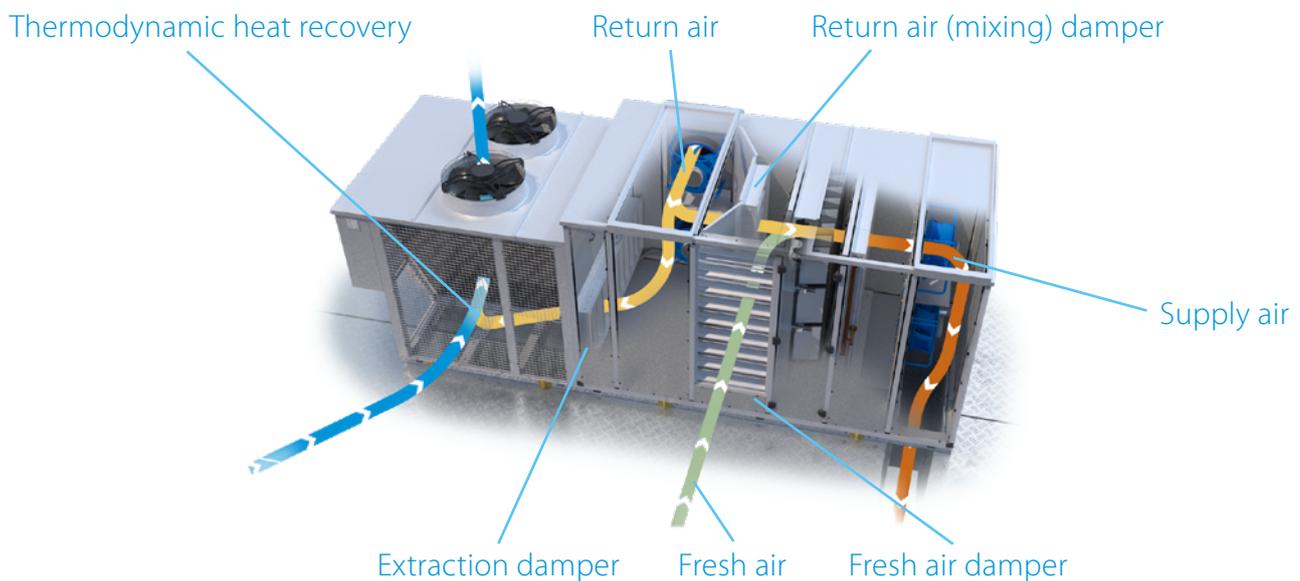


Made-To-Stock units (MTS)



Made-To-Order units (MTO)

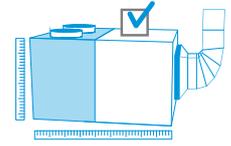
HEATING OPERATION EXAMPLE



UATYA-BRS4*

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

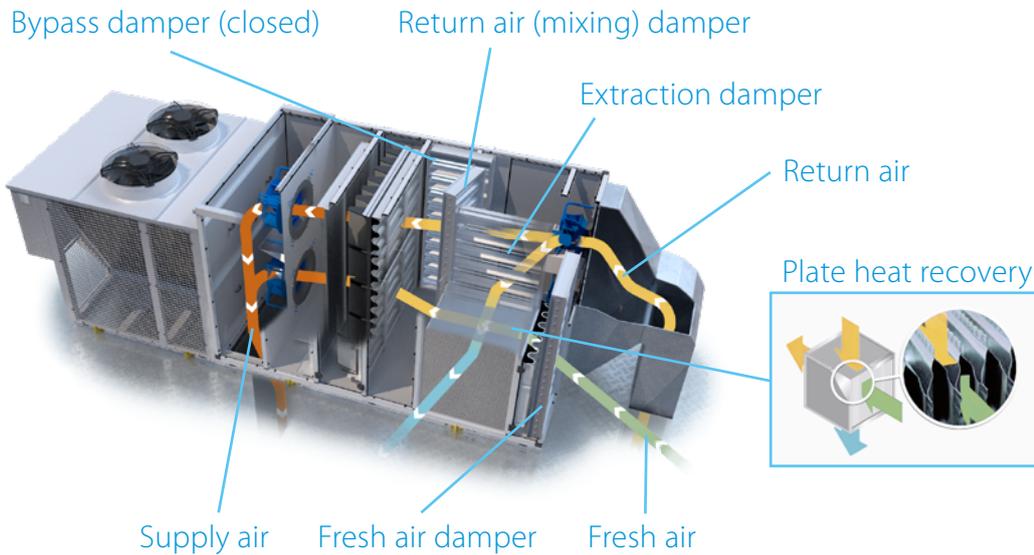
- › Premium efficiency counter flow plate heat exchanger
 - › Recovers up to 58% waste heat from the return air
 - › Available in 50% and 100% return air heat recovery
- › Bypass damper to allow plate heat exchange or free cooling
- › Additional thermodynamic heat recovery available up to 50kW models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



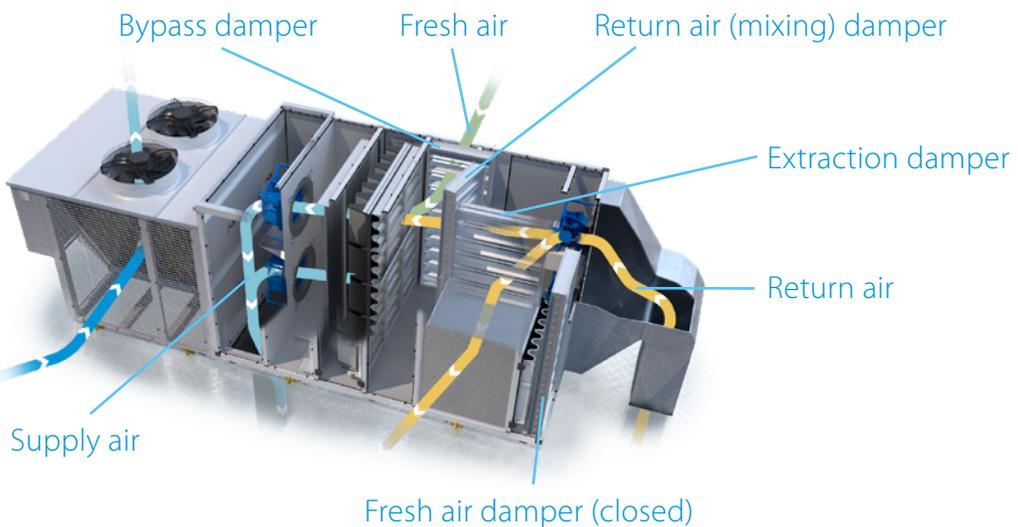
Made-To-Order units (MTO) only

* 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

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-BR54*		MTO	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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

Field applied accessories for Made-To-Stock units

	BASE series (UATYA-BBAY1)				FC2 series (UATYA-BFC2Y1)						FC3 series (UATYA-BFC3Y1)									
	25-30	40-50	60-70	80-120	25-30	40-50	60-70	80-90	100-120	140-190	25-30	40-50	60-70	80-100	110-120	140-180	190			
Air treatment	Filter ISO Coarse 75% (G4)	2x UATYAC7SA + 2x UATYAC7SB (Standard for MTS)	3x UATYAC7SA + 3x UATYAC7SB (Standard for MTS)	6x UATYAC7SB (Standard for MTS)	12x UATYAC7SC (Standard for MTS)	12x UATYAC7SC (Standard for MTS)	2x UATYAC7SA + 2x UATYAC7SB (Standard for MTS)	3x UATYAC7SA + 3x UATYAC7SB (Standard for MTS)	6x UATYAC7SB (Standard for MTS)	12x UATYAC7SC (Standard for MTS)	12x UATYAC7SC (Standard for MTS)	12x UATYAC7SC (Standard for MTS)	2x UATYAC7SA + 2x UATYAC7SB (Standard for MTS)	3x UATYAC7SA + 3x UATYAC7SB (Standard for MTS)	6x UATYAC7SB (Standard for MTS)	12x UATYAC7SC (Standard for MTS)				
	Filter ISO ePM10 50% (M5/F5)	2x UATYAEPM1050A + 2x UATYAEPM1050B	3x UATYAEPM1050A + 3x UATYAEPM1050B	3x UATYAEPM1050B	12x UATYAEPM1050C	12x UATYAEPM1050C	2x UATYAEPM1050A + 2x UATYAEPM1050B	3x UATYAEPM1050A + 3x UATYAEPM1050B	3x UATYAEPM1050B	12x UATYAEPM1050C	12x UATYAEPM1050C	12x UATYAEPM1050C	2x UATYAEPM1050A + 2x UATYAEPM1050B	3x UATYAEPM1050A + 3x UATYAEPM1050B	3x UATYAEPM1050B	12x UATYAEPM1050C				
	Filter ISO ePM10 70% (M6)	2x UATYAEPM1070A + 2x UATYAEPM1070B	3x UATYAEPM1070A + 3x UATYAEPM1070B	6x UATYAEPM1070B	12x UATYAEPM1070C	12x UATYAEPM1070C	2x UATYAEPM1070A + 2x UATYAEPM1070B	3x UATYAEPM1070A + 3x UATYAEPM1070B	6x UATYAEPM1070B	12x UATYAEPM1070C	12x UATYAEPM1070C	12x UATYAEPM1070C	2x UATYAEPM1070A + 2x UATYAEPM1070B	3x UATYAEPM1070A + 3x UATYAEPM1070B	6x UATYAEPM1070B	12x UATYAEPM1070C				
	Rigid bag filter ISO ePM1 50% (F7)	2x UATYAEPM150A + 2x UATYAEPM150B	3x UATYAEPM150A + 3x UATYAEPM150B	6x UATYAEPM150B	12x UATYAEPM150C	12x UATYAEPM150C	2x UATYAEPM150A + 2x UATYAEPM150B	3x UATYAEPM150A + 3x UATYAEPM150B	6x UATYAEPM150B	12x UATYAEPM150C	12x UATYAEPM150C	12x UATYAEPM150C	2x UATYAEPM150A + 2x UATYAEPM150B	3x UATYAEPM150A + 3x UATYAEPM150B	6x UATYAEPM150B	12x UATYAEPM150C				
	Rigid bag filter ISO ePM1 85% (F9)	2x UATYAEPM185A + 2x UATYAEPM185B	3x UATYAEPM185A + 3x UATYAEPM185B	6x UATYAEPM185B	12x UATYAEPM185C	12x UATYAEPM185C	2x UATYAEPM185A + 2x UATYAEPM185B	3x UATYAEPM185A + 3x UATYAEPM185B	6x UATYAEPM185B	12x UATYAEPM185C	12x UATYAEPM185C	12x UATYAEPM185C	2x UATYAEPM185A + 2x UATYAEPM185B	3x UATYAEPM185A + 3x UATYAEPM185B	6x UATYAEPM185B	12x UATYAEPM185C				
Control	UATYAC02P - Duct air quality CO ₂ 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 alarm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Other	Rainproof hood with anti-intrusion grille	not possible	not possible	not possible	not possible	not possible	UATYARPH3	UATYARPH4	UATYARPH5	UATYARPH6	UATYARPH6	UATYARPH6	UATYARPH6	UATYARPH1	UATYARPH2	UATYARPH8	UATYARPH7	UATYARPH7	UATYARPH7	UATYARPH7
	Rubber antivibration mounts	2x UATYAAM1	2x UATYAAM1	2x UATYAAM1 + 1x UATYAAM2	4x UATYAAM1	2x UATYAAM1 + 2x UATYAAM2	2x UATYAAM1	2x UATYAAM1	3x UATYAAM1 + 1x UATYAAM2	4x UATYAAM1	3x UATYAAM1 + 1x UATYAAM2	2x UATYAAM1 + 2x UATYAAM2	1x UATYAAM1 + 1x UATYAAM2	3x UATYAAM1 + 1x UATYAAM2	2x UATYAAM1 + 2x UATYAAM2	2x UATYAAM1 + 2x UATYAAM2	4x UATYAAM1 + 1x UATYAAM2	3x UATYAAM1 + 2x UATYAAM2	3x UATYAAM1 + 2x UATYAAM2	3x UATYAAM1 + 2x UATYAAM2
	Rubber antivibration mounts when gas heater is used	1x UATYAAM1 + 1x UATYAAM2	1x UATYAAM1 + 1x UATYAAM2	1x UATYAAM1 + 2x UATYAAM2	5x UATYAAM1	5x UATYAAM1	2x UATYAAM1	1x UATYAAM1 + 1x UATYAAM2	4x UATYAAM1	5x UATYAAM1	5x UATYAAM1	5x UATYAAM1	1x UATYAAM1 + 1x UATYAAM2	2x UATYAAM1 + 1x UATYAAM2	4x UATYAAM1	5x UATYAAM1	4x UATYAAM1 + 1x UATYAAM2	3x UATYAAM1 + 2x UATYAAM2	3x UATYAAM1 + 2x UATYAAM2	3x UATYAAM1 + 2x UATYAAM2

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

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



- › 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

Outdoor air treatment

- › Anticorrosion treatment on heat exchanger

- › Standard or EC axial fan

- › Softstarter on compressor for units $\geq 140\text{kW}$



- › Soundproof compartment on compressor

Control options

- › BMS gateway via Ethernet:
 - › SNMP & Modbus TCP/IP (standard BACnet TCP/IP connection can not be used anymore)

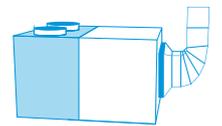
- › BMS gateway via 3-cable port:
 - › BACnet MS/TP OR Lonworks (standard Modbus RS485 connection can not be used anymore)

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 CO ₂ 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)
	Rainproof hood with anti-intrusion grille	• (1)	• (1)	• (1)

⁽¹⁾ Reference code to be selected in selection software

Specifications Made-To-Stock units



UATYA-BBAY1

More details and final information can be found by scanning or clicking the QR codes.



UATYA-BBAY1

UATYA20-30BBAY1



Indoor Unit		UATYA	25	30	40	50	60	70	80	90	100	110	120	140	150	160	180	190			
Cooling capacity	Nom.	kW	24.1	31.3	38.7	45.7	58.8	65.3	74.8	89.8	95.8	108.9	115.0	133.4	144.7	154.6	171.9	187.0			
Heating capacity	Nom.	kW	24.0	29.5	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			
EER			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			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			
Space cooling	Capacity	Pdesign	kW	24.1	31.3	38.7	45.7	58.8	65.3	74.8	89.8	95.8	108.9	115.0	133.4	144.7	154.6	171.9	187.0		
	SEER		%	4.52	4.79	5.39	5.26	5.50	4.53	5.56	5.47	5.17	5.29	5.15	4.38	4.26	4.27	4.15	4.08		
Space heating (Average climate)	Capacity	Pdesign	kW	24.0	29.5	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		
	SCOP/A		%	3.35	3.38	3.67	3.65	3.47	3.41	3.70	3.65	3.62	3.56	3.53	3.39	3.36	3.34	3.31	3.34		
Evaporator	Supply side	Air discharge direction	Bottom, Right, Left																		
		Fan	Air flow rate	m ³ /h	4,500	5,800	7,500	9,000	11,000	13,000	14,500	16,500	18,000	19,800	21,600	25,000	26,500	28,000	30,500	31,500	
			Nominal ESP	Pa	300																
	Return side	Air intake direction	Air discharge direction	Rear																	
	Supply side	Thermodynamic heat recovery	Air discharge direction	No																	
	Fresh air - Supply side	Standard	Air discharge direction	No																	
Condenser	Air flow rate	Cooling	m ³ /h	17,275	16,038	16,374	16,341	31,183	32,203	35,774	37,285	36,195	38,143	36,865	70,704	72,395	67,733	70,200	72,005		
	Refrigerant	GWP		675																	
Dimensions	Unit	Charge	kg	7.0	10.0	12.0	15.0	18.0	23.0	24.0	28.0	30.0	36.0	38.0	46.0	50.0					
		Height	mm	1,924			2,374			1,924			2,374								
		Width	mm							2,250											
		Depth	mm	2,427						4,317						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			
Casing	Colour		RAL 7035																		
Sound pressure level	Cooling	dBA	63.9	66.0	68.0	67.3	69.0	68.1	72.6	68.7	69.9	70.6	74.2	68.3	68.7	69.1	70.0				
Sound power level	Cooling	dBA	82.2	84.3	86.8	86.1	88.5	87.5	92.5	88.6	89.8	90.5	94.1	88.6	89.0	89.3	90.2				
Operation range	Cooling	Min. ~ Max.	°CDB						-10 ~ 48												
	Heating	Min. ~ Max.	°CWB						-15 ~ 26												
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/400																		
Current	Recommended fuses	A	25	40	50	63	80	100						160			200				

UATYA-BFC2Y1

More details and final information can be found by scanning or clicking the QR codes.



UATYA-BFC2Y1

UATYA60-70BFC2Y1



Indoor Unit		UATYA	25	30	40	50	60	70	80	90	100	110	120	140	150	160	180	190			
Cooling capacity	Nom.	kW	24.1	31.3	38.7	45.7	58.8	65.3	74.8	89.8	95.8	108.9	115.0	133.4	144.7	154.6	171.9	187.0			
	With 30% fresh air	kW	25.8	33.6	41.5	48.9	63.0	69.9	80.7	96.6	102.7	117.0	122.7	143.1	154.9	165.7	184.2	200.5			
Heating capacity	Nom.	kW	24.0	29.5	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			
	With 30% fresh air	kW	24.3	29.6	36.5	46.3	55.1	65.1	69.2	84.7	94.8	102.1	108.7	124.2	137.5	148.4	158.7	180.2			
EER			2.83/2.96	3.09/3.26	3.06/3.21	2.96/3.10	3.12/3.28	2.92/3.06	3.09/3.26	3.06/3.24	2.97/3.13	2.99/3.13	2.91/3.03	3.14/3.29	3.02/3.16	3.05/3.19	3.07/3.21	2.97/3.10			
COP			3.22/3.43	3.31/3.53	3.26/3.48	3.24/3.51	3.25/3.47	3.21/3.44	3.37/3.62	3.22/3.47	3.20/3.46	3.35/3.60	3.25/3.48	3.44/3.69	3.33/3.57	3.26/3.50	3.33/3.58	3.27/3.55			
Space cooling	Capacity	Pdesign	kW	24.1	31.3	38.7	45.7	58.8	65.3	74.8	89.8	95.8	108.9	115.0	133.4	144.7	154.6	171.9	187.0		
	SEER		%	4.52	4.79	5.39	5.26	5.50	4.53	5.56	5.47	5.17	5.29	5.15	4.38	4.26	4.27	4.15	4.08		
Space heating (Average climate)	Capacity	Pdesign	kW	24.0	29.5	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		
	SCOP/A		%	3.35	3.38	3.67	3.65	3.47	3.41	3.70	3.65	3.62	3.56	3.53	3.39	3.36	3.34	3.31	3.34		
Evaporator	Supply side	Air discharge direction	Frontal, Left																		
		Fan	Air flow rate	m ³ /h	4,500	5,800	7,500	9,000	11,000	13,000	14,500	16,500	18,000	19,800	21,600	25,000	26,500	28,000	30,500	31,500	
			Nominal ESP	Pa	300																
	Return side	Air intake direction	Air discharge direction	Rear, Left, Right																	
	Supply side	Thermodynamic heat recovery	Air discharge direction	No																	
	Fresh air - Supply side	Standard	Air discharge direction	Yes																	
Fresh air	Ratio	Standard	%																		
	In free cooling		%																		
Condenser	Air flow rate	Cooling	m ³ /h	17,275	16,038	16,374	16,341	31,183	32,203	35,774	37,285	36,195	38,143	36,865	70,704	72,395	67,733	70,200	72,005		
	Refrigerant	GWP		675																	
Dimensions	Unit	Charge	kg	7.0	10.0	12.0	15.0	18.0	23.0	24.0	28.0	30.0	36.0	38.0	46.0	50.0					
		Height	mm	1,924			2,374			1,924			2,374								
		Width	mm							2,250											
		Depth	mm	2,943						4,879						5,679					
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			
Casing	Colour		RAL 7035																		
Sound pressure level	Cooling	dBA	63.9	66.0	68.0	67.3	69.0	68.1	72.6	68.7	69.9	70.6	74.2	68.3	68.7	69.1	70.0				
Sound power level	Cooling	dBA	82.2	84.3	86.8	86.1	88.5	87.5	92.5	88.6	89.8	90.5	94.1	88.6	89.0	89.3	90.2				
Operation range	Cooling	Min. ~ Max.	°CDB						-10 ~ 48												
	Heating	Min. ~ Max.	°CWB						-15 ~ 26												
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/400																		
Current	Recommended fuses	A	25	40	50	63	80	100						160			200				

UATYA-BFC3Y1



UATYA80-120BFC3Y1

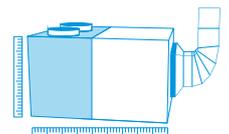
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UATYA-BFC3Y1

Indoor Unit		UATYA	25	30	40	50	60	70	80	90	100	110	120	140	150	160	180	190		
Cooling capacity	Nom.	kW	24.1	31.3	38.7	45.7	58.8	65.3	74.8	89.8	95.8	108.9	115.0	133.4	144.7	154.6	171.9	187.0		
	With 30% fresh air	kW	26.0	33.9	42.5	49.6	63.7	70.5	81.3	96.8	104.3	118.0	124.5	145.6	156.8	168.3	186.5	204.4		
Heating capacity	Nom.	kW	24.0	29.5	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		
	With 30% fresh air	kW	25.0	31.0	38.3	47.7	57.1	68.6	71.6	87.2	97.9	107.0	112.3	132.0	147.5	160.0	173.5	191.6		
EER			2.83/2.96	3.09/3.20	3.06/3.27	2.96/3.12	3.12/3.23	2.92/3.00	3.09/3.21	3.06/3.22	2.97/3.14	2.99/3.11	2.91/3.01	3.14/3.26	3.02/3.14	3.05/3.18	3.07/3.21	2.97/3.14		
COP			3.22/3.41	3.31/3.50	3.26/3.51	3.24/3.46	3.25/3.40	3.21/3.39	3.37/3.56	3.22/3.45	3.20/3.42	3.35/3.57	3.25/3.40	3.44/3.62	3.33/3.57	3.26/3.49	3.33/3.63	3.27/3.50		
Space cooling	Capacity Pdesign	kW	24.1	31.3	38.7	45.7	58.8	65.3	74.8	89.8	95.8	108.9	115.0	133.4	144.7	154.6	171.9	187.0		
	SEER		4.52	4.79	5.39	5.26	5.50	4.53	5.56	5.47	5.17	5.29	5.15	4.38	4.26	4.27	4.15	4.08		
Space heating	Capacity Pdesign	kW	24.0	29.5	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		
	SCOP/A		3.35	3.38	3.67	3.65	3.47	3.41	3.70	3.65	3.62	3.56	3.53	3.39	3.36	3.34	3.31	3.34		
Evaporator	Supply side	Air discharge direction	Frontal, Left						Bottom, Right, Left, Frontal											
	Fan	Air flow rate	4,500	5,800	7,500	9,000	11,000	13,000	14,500	16,500	18,000	19,800	21,600	25,000	26,500	28,000	30,500	31,500		
Return side	Air intake direction	Air discharge direction	Rear						Right											
	Fan	Air flow rate	4,500	5,800	7,500	9,000	11,000	13,000	14,500	16,500	18,000	19,800	21,600	25,000	26,500	28,000	30,500	31,500		
Supply side	Nominal ESP	Pa	300																	
	Thermodynamic heat recovery - Air discharge direction		Yes																	
Fresh air	Standard - Air discharge direction		Yes																	
	Ratio	Standard	30																	
Condenser	In free cooling	%	100																	
	Air flow rate Cooling Refrigerant	m ³ /h	15,725	16,038	16,374	16,341	31,183	32,203	35,774	37,285	36,195	38,143	36,865	70,704	72,395	67,733	70,200	72,005		
Dimensions	Unit	Charge	kg	7.0	10.0	12.0	15.0	18.0	23.0	24.0	28.0	30.0	36.0	38.0	46.0	50.0				
	Height	mm	1,924			2,374			1,924			2,250								
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		
	Colour		RAL 7035																	
Sound pressure level	Cooling	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	68.7	69.1	70.0			
	Heating	dB(A)	82.2	84.3	86.8	86.1	88.5	87.5	92.5	88.6	89.8	90.5	94.1	88.6	89.0	89.3	90.2			
Operation range	Min. ~ Max.	°CDB	-10 ~ 48																	
	Min. ~ Max.	°CWB	-15 ~ 26																	
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50 /400																	
Current	Recommended fuses	A	25	40	50	63	80	100						160			200			

Specifications Made-To-Order units

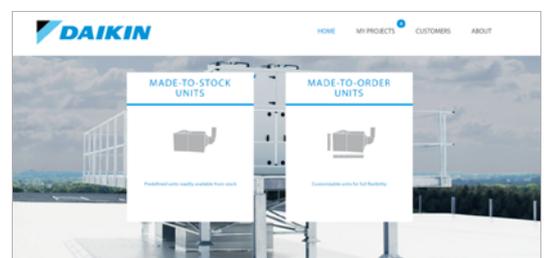


All naming in the tables above is valid for Made-To-Stock units only.

For specifications and configuration of Made-To-Order units refer to our selection software.



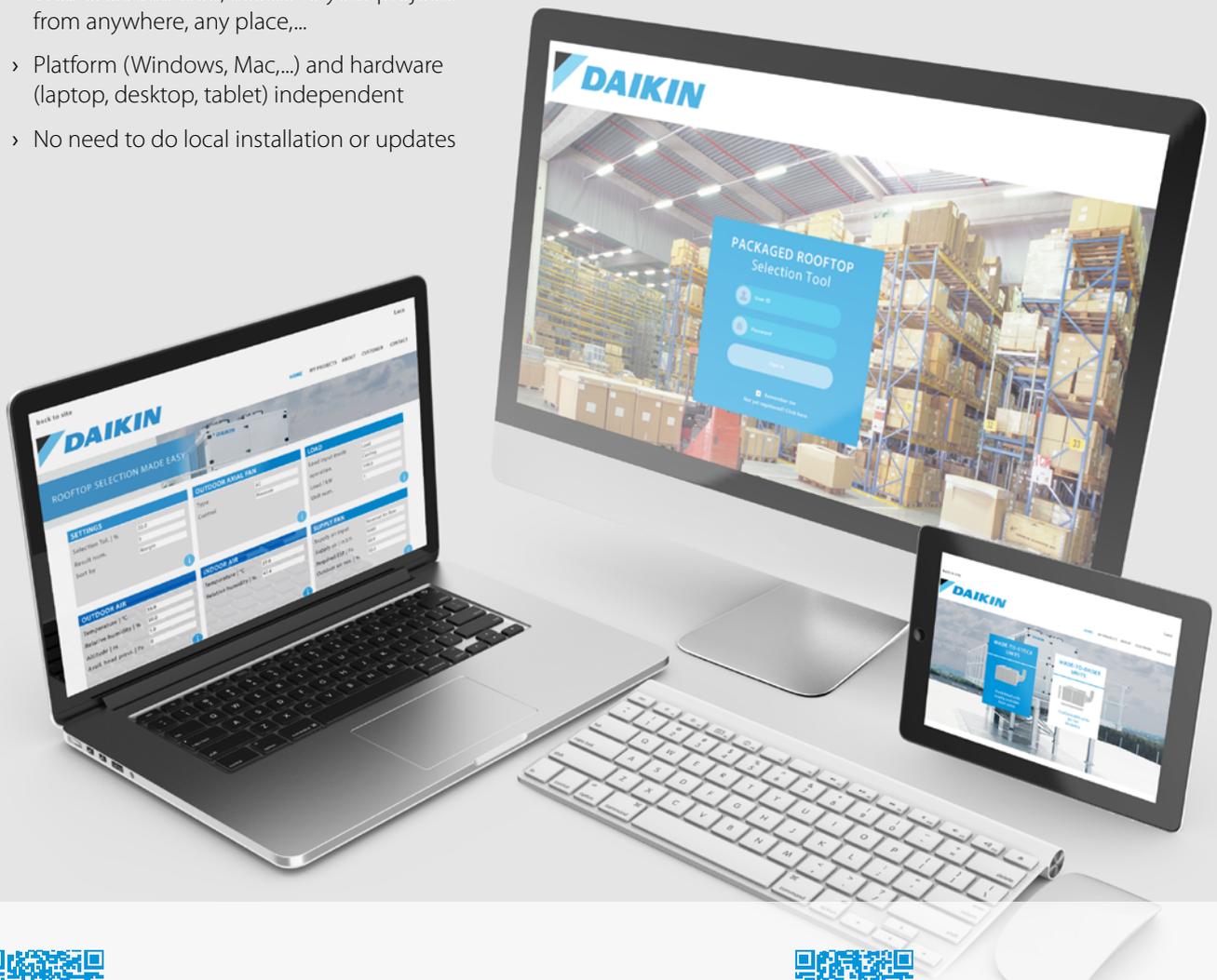
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