



New Rooftop Series

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

Completely redesigned with R32 models

✓ Comprehensive Features

The Rooftop Series provides maximum efficiency, thanks to the use of R-32 refrigerant, with inverter-controlled scroll compressors fitted to most of the range.

Four different versions are available - including fresh air, extraction and heat recovery options - for maximum flexibility in configuration. The Daikin Rooftop Series optimises installation space, delivering improved air quality and circulation. The 25mm double-skinned panels also minimise noise. The high efficiency EC plug fan is virtually maintenance free.

✓ Speed of delivery or more flexibility

A unique feature of the Daikin Rooftop Series is the freedom to choose from standard or customised systems. Made-to-stock units are directly available for fast delivery. The made-to-order option allows specifiers to customise units to fit the exact building needs.

A wide range of additional factory-mounted items is available, including auxiliary heat sources such as gas burners, a wide range of filters up to ISO ePM1 85% (F9), steam humidifiers, oversized fans for higher ESP and much more.

✓ More Choice

The Rooftop Series is available in four variants with capacities up to 190kW. The base installation option requires no additional piping and offers immediate 'plug and play' connectivity. A 2-damper version additionally comes with integrated fresh air, while the 3-damper model also provides air extraction, together with thermodynamic heat recovery.

Leading the range is the premium 4-damper version, which also features a plate heat exchanger to recover waste heat in the most efficient way. Free cooling with up to 100% fresh air delivers improved air quality plus excellent energy savings.



R-32 **BLUEEVOLUTION**



UATYA-BBAY1 - BASE



UATYA-BFC2Y1 - FC2



UATYA-BFC3Y1 - FC3



Made to order - RS4



Made to Stock Units

UATYA-BBAY1

Rooftop Packaged Unit - Base

			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	53.3	59.8	68.3	81.4	88	99.2	103.9	121.5	130.7	143	156.6	170.1
	UK Sensible Cooling	kW	18.6	23.7	27.2	32.3	40	45.2	55.9	59.1	66.1	76.1	83.2	98.2	103.9	116.2	120.8	132.1
Nominal Efficiency	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
	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	192.56	216.12	210.48	217.08	178.08	219.36	215.8	203.72	208.64	203.04	172.08	167.2	167.6	162.84	160.24
Dimensions	ηs,h	%	131	132.16	143.84	142.96	135.6	133.52	145.16	142.96	141.64	139.28	138.28	132.52	131.44	130.76	129.52	130.56
	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	300															
Air Flow Rate	Evaporator	m³/sec	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
Refrigerant			R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32
Sound Pressure	Nominal	dBA	63.9	66	68	67.3	69	68.1	72.6	68.7	69.9	70.6	74.2	68.3	68.3	68.7	69.1	70
Operation range	Cooling	°CDB	-10 - 48															
	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	47.9	65	65	68.4	68.4	98.6	107.4	116	125.2
Recommended Fuse Size	A	25	40	40	50	50	63	80	100	100	100	100	100	160	160	160	200	200

UATYA-BFC2Y1

Rooftop Packaged Unit - FC2

			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	53.3	59.8	68.3	81.4	88	99.2	103.9	121.5	130.7	143	156.6	170.1	
	UK Sensible Cooling	kW	18.6	23.7	27.2	32.2	40	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	3.51	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	192.56	216.12	210.48	217.08	178.08	219.36	215.8	203.72	208.64	203.04	172.08	167.2	167.6	162.84	160.24	
Efficiency	ηs,h	%	131	132.16	143.84	142.96	135.6	133.52	145.16	142.96	141.64	139.28	138.28	132.52	131.44	130.76	129.52	130.56	
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	4879	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	300																
Air Flow Rate		Evaporator m³/sec	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	
Refrigerant			R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	
Sound Pressure		Nominal dBA	63.9	66	68	67.3	69	68.1	72.6	68.7	69.9	70.6	74.2	68.3	68.3	68.7	69.1	70	
Operation range		Cooling °CDB	-10 - 48																
		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	47.9	65	65	68.4	68.4	98.6	107.4	116	125.2	131.2
Recommended Fuse Size		A	25	40	40	50	50	63	80	100	100	100	100	160	160	160	200	200	

UATYA-BFC3Y1

Rooftop Packaged Unit - FC3

			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	53.3	59.8	68.3	81.4	88	99.2	103.9	121.5	130.7	143	156.6	170.1
	UK Sensible Cooling	kW	18.6	23.7	27.2	32.2	40	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)		2.96	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	ηs,c	%	181.6	192.56	216.12	210.48	217.08	178.08	219.36	215.8	203.72	208.64	203.04	172.08	167.2	167.6	162.84	160.24
Efficiency	ηs,h	%	131	132.16	143.84	142.96	135.6	133.52	145.16	142.96	141.64	139.28	138.28	132.52	131.44	130.76	129.52	130.56
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	Evaporator	m³/sec	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
Refrigerant			R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32
Sound Pressure	Nominal	dBA	63.9	66	68	67.3	69	68.1	72.6	68.7	69.9	70.6	74.2	68.3	68.3	68.7	69.1	70
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	118.2	126.8	140
Recommended Fuse Size	A	25	40	40	50	50	63	80	100	100	100	100	100	160	160	200	200	200

