



ROOFTOP DAIKIN



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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 series - UATYA-BFC3Y1											
	25-30	40-50	60-70	80-120	140-190	25-30	40	50	60-70	80-190	25-30	40-50	60-70	80-120	140-190							
Air treatment	Filter ISO Coarse 75% (G4)	2x UATYAC75A + 2x UATYAC75B (Standard)	3x UATYAC75A + 3x UATYAC75B (Standard)	6x UATYAC75B (Standard)	12x UATYAC75C (Standard)	12x UATYAC75C (Standard)	2x UATYAC75A + 2x UATYAC75B (Standard)	3x UATYAC75A + 3x UATYAC75B (Standard)	3x UATYAC75A + 3x UATYAC75B (Standard)	6x UATYAC75B (Standard)	12x UATYAC75C (Standard)	2x UATYAC75A + 2x UATYAC75B (Standard)	3x UATYAC75A + 3x UATYAC75B (Standard)	6x UATYAC75B (Standard)	12x UATYAC75C (Standard)	12x UATYAC75C (Standard)						
	Filter ISO ePM10 50% (M5/F5)	2x UATY-AEPM1050A + 2x UATY-AEPM1050B	3x UATY-AEPM1050A + 3x UATY-AEPM1050B	3x UATY-AEPM1050B	12x UATY-AEPM1050C	12x UATY-AEPM1050C	2x UATY-AEPM1050A + 2x UATY-AEPM1050B	3x UATY-AEPM1050A + 3x UATY-AEPM1050B	3x UATY-AEPM1050A + 3x UATY-AEPM1050B	3x UATY-AEPM1050B	12x UATY-AEPM1050C	2x UATY-AEPM1050A + 2x UATY-AEPM1050B	3x UATY-AEPM1050A + 3x UATY-AEPM1050B	3x UATY-AEPM1050B	12x UATY-AEPM1050C	12x UATY-AEPM1050C						
	Filter ISO ePM10 70% (M6)	2x UATY-AEPM1070A + 2x UATY-AEPM1070B	3x UATY-AEPM1070A + 3x UATY-AEPM1070B	6x UATY-AEPM1070B	12x UATY-AEPM1070C	12x UATY-AEPM1070C	2x UATY-AEPM1070A + 2x UATY-AEPM1070B	3x UATY-AEPM1070A + 3x UATY-AEPM1070B	3x UATY-AEPM1070A + 3x UATY-AEPM1070B	6x UATY-AEPM1070B	12x UATY-AEPM1070C	2x UATY-AEPM1070A + 2x UATY-AEPM1070B	3x UATY-AEPM1070A + 3x UATY-AEPM1070B	6x UATY-AEPM1070B	12x UATY-AEPM1070C	12x UATY-AEPM1070C						
	Rigid bag filter ISO ePM1 50% (F7)	2x UATY-AEPM150A + 2x UATY-AEPM150B	3x UATY-AEPM150A + 3x UATY-AEPM150B	6x UATY-AEPM150B	12x UATY-AEPM150C	12x UATY-AEPM150C	2x UATY-AEPM150A + 2x UATY-AEPM150B	3x UATY-AEPM150A + 3x UATY-AEPM150B	3x UATY-AEPM150A + 3x UATY-AEPM150B	6x UATY-AEPM150B	12x UATY-AEPM150C	2x UATY-AEPM150A + 2x UATY-AEPM150B	3x UATY-AEPM150A + 3x UATY-AEPM150B	6x UATY-AEPM150B	12x UATY-AEPM150C	12x UATY-AEPM150C						
	Rigid bag filter ISO ePM1 85% (F9)	2x UATY-AEPM185A + 2x UATY-AEPM185B	3x UATY-AEPM185A + 3x UATY-AEPM185B	6x UATY-AEPM185B	12x UATY-AEPM185C	12x UATY-AEPM185C	2x UATY-AEPM185A + 2x UATY-AEPM185B	3x UATY-AEPM185A + 3x UATY-AEPM185B	3x UATY-AEPM185A + 3x UATY-AEPM185B	6x UATY-AEPM185B	12x UATY-AEPM185C	2x UATY-AEPM185A + 2x UATY-AEPM185B	3x UATY-AEPM185A + 3x UATY-AEPM185B	6x UATY-AEPM185B	12x UATY-AEPM185C	12x UATY-AEPM185C						
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 alarm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Other	Rubber antivibration mounts	2x UATYAAM1	1x UATYAAM1 + 1x UATYAAM2	2x UATYAAM1	4x UATYAAM1	2x UATYAAM1 + 2x UATYAAM2	2x UATYAAM1	2x UATYAAM1	1x UATYAAM1 + 1x UATYAAM2	3x UATYAAM1 + 1x UATYAAM2	2x UATYAAM1	1x UATYAAM1	1x UATYAAM1 + 2x UATYAAM2	2x UATYAAM1	2x UATYAAM1 + 2x UATYAAM2	2x UATYAAM1	2x UATYAAM1 + 2x UATYAAM2	2x UATYAAM1	3x UATYAAM1	3x UATYAAM1 + 2x UATYAAM2	3x UATYAAM1 + 2x UATYAAM2	
	Rainproof hood with anti-intrusion grille						UATYARPH1	UATYARPH2	UATYARPH2	UATYARPH3	UATYARPH4	2x UATYARPH1	2x UATYARPH2	2x UATYARPH3	2x UATYARPH4	2x UATYARPH4						

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)

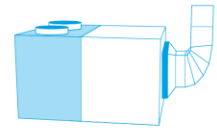
- › BMS gateway via 3-cable port:
 - › BACnet MS/TP OR Lonworks (standard Modbus RS485 connection can not be used anymore)

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

		MT0 - BASE series	MT0 - FC2 series	MT0 - FC3 series	MT0 - RS4 series
Control	UATYAC02P - 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



UATYA-BBAY1

UATYA20-30BBAY1

			UATYA-BBAY1																
			25	30	40	50	60	70	80	90	100	110	120	140	150	160	180	190	
Cooling capacity	Nom.	kW	25.8	33.4	38.7	45.7	58.8	65.3	74.8	89.8	95.8	108.9	115	133.4	144.7	154.6	171.9	187	
Heating capacity	Nom.	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	
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	3.2	3.35	3.25	3.44	3.33	3.26	3.33	3.27	
Space cooling	Capacity	Pdesign	kW	25.8	33.4	38.7	45.7	58.8	65.3	74.8	89.8	95.8	108.9	115	133.4	144.7	154.6	171.9	187
	SEER			4.62	4.89	5.48	5.34	5.5	4.53	5.56	5.47	5.17	5.29	5.15	4.38	4.26	4.27	4.15	4.08
	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
Space heating (Average climate)	Capacity	Pdesign	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
	SCOP/A			3.35	3.38	3.67	3.65	3.47	3.41	3.7	3.65	3.62	3.56	3.53	3.39	3.36	3.34	3.31	3.34
	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
Evaporator	Supply side	Air discharge direction		Frontal, Left				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
	Return side	Air intake direction		300															
		Thermodynamic heat recovery		Rear															
Condenser	Fresh air	Standard		No															
		Ratio		30															
	Air flow rate	Cooling	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
		Refrigerant	Type		R-32														
Dimensions	Unit	Height	mm	1,924				2,374				2,250				5,117			
		Width	mm	2,427				1,924				2,250				5,117			
Weight	Unit	kg	1,023	1,077	1,174	1,193	1,739	1,841	2,028	2,086	2,154	2,242	2,252	2,690	2,696	2,738	2,792	2,872	
		Colour		RAL 7035															
Sound pressure level	Cooling	dB(A)	TBC	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	
		dB(A)	TBC	84.3	86.8	86.1	88.5	87.5	92.5	88.6	89.8	90.5	94.1	88.6	88.6	89	89.3	90.2	
Operation range	Cooling	Min.	°CDB	-10															
		Max.	°CDB	48															
	Heating	Min.	°CWB	-15															
		Max.	°CDB	26															
Power supply	Phase	Frequency	Hz	50															
		Voltage	V	400															
	Recommended fuses	A	25	40	50	63	80	100	100	100	100	100	100	100	160	160	160	200	200



UATYA-BFC2Y1

UATYA60-70BFC2Y1

			UATYA-BFC2Y1																	
			25	30	40	50	60	70	80	90	100	110	120	140	150	160	180	190		
Cooling capacity	Nom.	kW	25.8	33.4	38.7	45.7	58.8	65.3	74.8	89.8	95.8	108.9	115	133.4	144.7	154.6	171.9	187		
	With 30% fresh air	kW	27.7	35.9	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	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		
	With 30% fresh air	kW	25.6	31.3	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	With 30% fresh air		2.97	3.26	3.21	3.1	3.28	3.06	3.26	3.24	3.13	3.13	3.03	3.29	3.16	3.19	3.21	3.1		
COP	With 30% fresh air		3.41	3.56	3.48	3.51	3.47	3.44	3.62	3.47	3.46	3.6	3.48	3.69	3.57	3.5	3.58	3.55		
Space cooling	Capacity	Pdesign	kW	25.8	33.4	38.7	45.7	58.8	65.3	74.8	89.8	95.8	108.9	115	133.4	144.7	154.6	171.9	187	
	SEER			4.62	4.89	5.48	5.34	5.5	4.53	5.56	5.47	5.17	5.29	5.15	4.38	4.26	4.27	4.15	4.08	
	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	
Space heating (Average climate)	Capacity	Pdesign	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	
	SCOP/A			3.35	3.38	3.67	3.65	3.47	3.41	3.7	3.65	3.62	3.56	3.53	3.39	3.36	3.34	3.31	3.34	
	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	
Evaporator	Supply side	Air discharge direction		Frontal, Left				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
	Return side	Air intake direction		Rear, Left, Right																
		Thermodynamic heat recovery		No																
Fresh air	Standard		Yes																	
	Ratio		30																	
Condenser	Air flow rate	Cooling	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	
		Refrigerant	Type		R-32															
	Dimensions	Unit	Height	mm	1,924				2,374				2,250				5,679			
			Width	mm	2,943				1,924				2,250				5,679			
Weight	Unit	kg	1,150	1,182	1,290	1,349	1,891	1,990	2,218	2,272	2,342	2,430	2,440	2,894	2,904	2,942	2,982	3,060		
		Colour		RAL 7035																
Sound pressure level	Cooling	dB(A)	TBC	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		
		dB(A)	TBC	84.3	86.8	86.1	88.5	87.5	92.5	88.6	89.8	90.5	94.1	88.6	88.6	89	89.3	90.2		
Operation range	Cooling	Min.	°CDB	-10																
		Max.	°CDB	48																
	Heating	Min.	°CWB	-15																
		Max.	°CDB	26																
Power supply	Phase	Frequency	Hz	50																
		Voltage	V	400																
	Recommended fuses	A	25	40	40	50	50	63	80	100	100	100	100	100	100	160	160	160	200	200

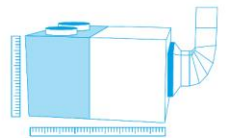


UATYA-BFC3Y1

UATYA80-120BFC3Y1

			UATYA-BFC3Y1																	
			25	30	40	50	60	70	80	90	100	110	120	140	150	160	180	190		
Cooling capacity	Nom.	kW	25.8	33.4	38.7	45.7	58.8	65.3	74.8	89.8	95.8	108.9	115	133.4	144.7	154.6	171.9	187		
	With 30% fresh air	kW	27.8	36.1	42.5	49.6	63.7	70.5	81.3	96.8	104.3	118	124.5	145.6	156.8	168.3	186.5	204.4		
Heating capacity	Nom.	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		
	With 30% fresh air	kW	26	32.4	38.3	47.7	57.1	68.6	71.6	87.2	97.9	107	112.3	132	147.5	160	173.5	191.6		
EER	With 30% fresh air		2.96	3.2	3.27	3.12	3.23	3	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	3.4	3.39	3.56	3.45	3.42	3.57	3.4	3.62	3.57	3.49	3.63	3.5		
Space cooling	Capacity	Pdesign	kW	25.8	33.4	38.7	45.7	58.8	65.3	74.8	89.8	95.8	108.9	115	133.4	144.7	154.6	171.9		
	SEER			4.62	4.89	5.48	5.34	5.5	4.53	5.56	5.47	5.17	5.29	5.35	4.38	4.26	4.27	4.15		
Space heating	Capacity	Pdesign	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		
	SCOP/A			3.35	3.38	3.67	3.65	3.47	3.41	3.7	3.65	3.62	3.56	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	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		
Return side	Fan	Nominal ESP	Pa	300																
	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		
Fresh air	Air intake direction			Rear								Right								
	Thermodynamic heat recovery			Yes																
Condenser	Air flow rate	Cooling	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		
	Refrigerant	Type		R-32																
Dimensions	Unit	Height	mm	1,924				2,374				1,924				2,250				
	Unit	Width	mm	1,334				1,367				1,516				1,536				
Weight	Unit	Depth	mm	3,514				2,184				2,284				2,568				
	Unit	kg		1,334				1,367				1,516				1,536				
Casing	Colour		RAL 7035																	
	Sound pressure level	Cooling	dBA	TBC	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	Sound power level	Cooling	dBA	TBC	84.3	86.8	86.1	88.5	87.5	92.5	88.6	89.8	90.5	94.1	88.6	88.6	89	89.3	90.2	
	Min.	°CDB		-10																
Power supply	Max.	°CDB		48																
	Min.	°CWB		-15																
Recommended fuses	Max.	°CDB		26																
	Phase			3~																
Recommended fuses	Frequency	Hz		50																
	Voltage	V		400																
Recommended fuses	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.



Select and configure your rooftop now!

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