



UATYQ-C

Rooftop R-410A with economiser

UATYP-A

Rooftop R-407C



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- High efficiency
- **Economizer optional kit:** can be installed on all new UATYQ-C Rooftop series. No additional wiring is needed as the rooftop units have as standard the economizer PCB
- R-410A refrigerant is factory pre-charged to ensure clean and efficient operation
- 'Plug and Play' installation: single unit configuration

- Extended operating range:
 - Cooling:** 0°C to 52°C as standard (no field setting or low ambient kit required).
 - Heating:** -15°C to 20°C as standard
- All range with convertible return and supply air: fan can be mounted in two directions
- Belt driven fan enables air volume and static pressure to be adjusted as required
- New unified wired LCD control panel with extended control length up to 100m

- 7 days programmable timer
- Integration to bigger Daikin control system via option
- Smoke detector contact
- Electric heater connection
- The flat top design allows for maximum utilisation of warehouse/container space
- Coil with anti-corrosion treatment
- Combination of **free cooling** and **fresh air application** is possible

HEAT PUMP				NON-INVERTER					
Outdoor Units				UATYQ250CY1	UATYQ350CY1	UATYQ450CY1	UATYQ550CY1	UATYQ600CY1	UATYQ700CY1
Capacity	Cooling	Nominal	kW	27.34	35.58	44.72	55.69	66.82	72.6
	Heating	Nominal	kW	24.91	34.79	41.79	53.93	61.69	69.6
Power input	Cooling	Nominal	kW	8.14	10.78	13.04	16.72	19.65	21.61
	Heating	Nominal	kW	7.33	10.84	12.86	15.54	18.58	21.42
EER	Cooling			3.36	3.30	3.43	3.33	3.40	3.36
COP	Heating			3.40	3.21	3.25	3.47	3.32	3.25
Air flow rate evaporator	Cooling		l/s	1,560	2,030	2,670	3,170	3,445	3,917
Sound power level	Standard ESP		dB(A)	82		83	87		90
External static pressure			Pa		147			206	
Condensation drain size	Diameter	OD	mm				25.4		
Dimensions	(Height x Width x Depth)		mm	1,150 x 1,638 x 2,063	1,028 x 2,209 x 2,113	1,130 x 2,209 x 2,113	1,048 x 2,209 x 2,670	1,302 x 2,209 x 2,670	1,454 x 2,209 x 2,670
Weight			kg	490	660	690	780	830	970
Air flow rate condenser	Cooling		l/s	3,884	5,664	5,710	6,090		--
Operation Range	Cooling	Min~Max	°CDB				0~52		
	Heating	Min~Max	°CWB				-15~-20		
Condenser	Sound power level	Nominal	dB(A)	82		83	87		90
Refrigerant	Type						R-410A		
Power Supply							3~/380-415V/50Hz		
Optional Economizer				ECONO250AY1	ECONO350AY1	ECONO450AY1	ECONO550AY1	ECONO600AY1	ECONO700AY1

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- 'Plug and Play' installation: single unit configuration
- R-407C refrigerant is factory pre-charged to ensure clean and efficient operation

- Air volume/static pressure can be adjusted because of the use of a belt driven fan
- The flat top design allows for maximum utilisation of warehouse/ container space

- High efficiency and reliable scroll compressor
- Coil with anti-corrosion treatment

HEAT PUMP				NON-INVERTER		
Outdoor Units				UATYP850AY1	UATYPC10AY1	UATYPC12AY1
Capacity	Cooling	Nominal	kW	82.939	101.110	109.609
	Heating	Nominal	kW	92.317	102.290	126.314
Power input	Cooling	Nominal	kW	38.16	43.17	48.20
	Heating	Nominal	kW	34.78	41.67	46.80
EER	Cooling			2.17	2.34	2.27
COP	Heating			2.65	2.45	2.70
Air flow rate evaporator	Cooling		m³/min	263	312	354
External static pressure			Pa		294	
Condensation drain size	Diameter	OD	mm		25.4	
Casing	Colour				Light grey	
	Material				Electro galvanised mild steel	
Dimensions	(Height x Width x Depth)		mm	1,735 x 2,250 x 2,800		1,974 x 2,252 x 3,180
Weight			kg	1,350	1,510	1,600
Air flow rate condenser	Cooling		m³/min		566	
Operation Range	Cooling	Min~Max	°CDB		20°C - 46°C	
	Heating	Min~Max	°CWB		-15°C - 20°C	
Sound level	Sound power		dB(A)	74		80
Refrigerant	Type				R-407C	
Power Supply					3~/380-415V/50Hz	