

# Rooftop

UATYQ-CY1



- › 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
- › Free cooling and fresh air intake possible with optional economiser
- › Factory pre-charged refrigerant ensures clean and efficient operation
- › Belt driven fan enables air volume and static pressure to be adjusted as required.

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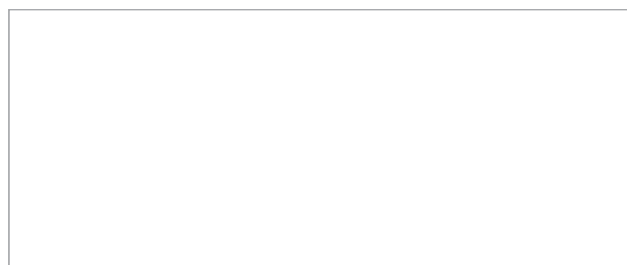
Indoor unit		UATYQ	250CY1	350CY1	450CY1	550CY1	600CY1	700CY1	900CY1	
Cooling capacity	Nom.	kW	27.340	35.580	44.720	55.690	66.820	72.600	90.000	
Heating capacity	Nom.	kW	24.910	34.790	41.790	53.930	61.690	69.610	87.896	
Power input	Cooling	Nom.	kW	8.140	10.780	13.040	16.740	19.650	21.610	28.5
	Heating	Nom.	kW	7.330	10.840	12.860	15.540	18.580	21.420	27.9
EER			3.36	3.30	3.43	3.33	3.40	3.36	3.16	
COP			3.40	3.21	3.25	3.47	3.32	3.25	3.15	
Evaporator	Air flow rate	Cooling	m <sup>3</sup> /min	93.6	121.8	160.2	189.6	206.7	235.02	271.86
	External static pressure		Pa	147			206			
	Casing	Colour					Light grey			
Evaporator piping connections	Condensation drain size	OD	mm	25.4						
Condenser	Dimensions	Unit	Height	mm	1,150	1,028	1,130	1,048	1,302	1,454
			Width	mm	1,638	2,209				
			Depth	mm	2,063	2,113		2,670		
Weight	Unit	kg	445	580	610	830	880	1,020		
Casing	Colour		Ivory white							
Air flow rate	Cooling	cfm	8,230	12,000	12,100	12,900	20,200	21,200		
Operation range	Cooling	Min.-Max.	°CDB	0~52						
	Heating	Min.-Max.	°CWB	-15~18						
Sound pressure level	Nom.	dBA	68	64	65	68	70			
Sound power level	Nom.	dBA	82	83		87	90			
Refrigerant	Type		R-410A							
	GWP		2,087.5							
	Charge	TCO <sub>2</sub> eq	12.7	12.1	15	18.2	21.7	24.2		
		kg	6.1	5.8	7.2	8.7	10.4	11.6		
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/380-415							

Contains fluorinated greenhouse gases

## Economiser option

Indoor unit		ECONO	250AY1	350AY1	450AY1	550AY1	600AY1	700AY1	900AY1		
Dimensions	Packed unit	Height	mm								
		Width	mm	1,440	1,430		1,458		1,460		
		Depth	mm	1,144	1,124		1,564		1,682		
Weight	Unit	kg	51	42	43	53	54	69	78		
Packing	Weight	kg	152	140	141	165	166	181	190		
Fan	Air flow rate	Cooling	Nom.	l/s	1,560	2,030	2,670	3,160	3,445	3,917	4,533
				cfm	3,300	4,300	5,650	6,700	7,300	8,300	9,604.5
Power supply	Voltage	V	24 DC								
Option for			UATYQ250CY1	UATYQ350CY1	UATYQ450CY1	UATYQ550CY1	UATYQ600CY1	UATYQ700CY1	UATYQ900CY1		
Test Standard			ISO 13253								

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