

# 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.

# UATYQ-CY1



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				
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			2,670		
			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		
Power supply	Phase/Frequency/Voltage		Hz/V	3~/50/380-415							
				kg	6.1	5.8	7.2	8.7	10.4	11.6	

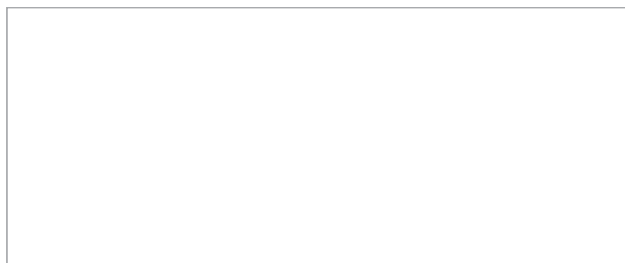
Contains fluorinated greenhouse gases

## Economiser option

Indoor unit				ECONO	250AY1	350AY1	450AY1	550AY1	600AY1	700AY1	900AY1
Dimensions	Packed unit	Height	mm	534							-
		Width	mm	1,440	1,430		1,458			-	
		Depth	mm	1,144	1,124		1,564			-	
Weight	Unit		kg	51	42	43	53	54	69		
Packing	Weight		kg	152	140	141	165	166	181		
Fan	Air flow rate	Cooling	Nom.	l/s	1,560	2,030	2,670	3,160	3,445	3,917	
				cfm	3,300	4,300	5,650	6,700	7,300	8,300	
Power supply	Voltage		V	24 DC							
Option for				UATYQ250CY1	UATYQ350CY1	UATYQ450CY1	UATYQ550CY1	UATYQ600CY1	UATYQ700CY1	UATYQ900CY1	
Test Standard				ISO 13253							

\*Note: blue cells contain preliminary data

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