

Rooftop

- › 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
- › Wide operating range
- › Flat top unit design allows maximum use of warehouse and container space
- › Free cooling and fresh air intake possible with optional economiser
- › Convertible return and supply air: fan can be mounted in two directions
- › Factory pre-charged refrigerant ensures clean and efficient operation
- › Belt driven fan enables air volume and static pressure to be adjusted as required.
- › Adjustable fan pulley as standard to meet a wide range of supply air volumes and external static pressures
- › Anti-corrosion treated coil



Indoor unit				UATYQ	250CY1	350CY1	450CY1	550CY1	600CY1	700CY1
Cooling capacity	Nom.			kW	27.340	35.580	44.720	55,690.000	66.820	72.600
Heating capacity	Nom.			kW	24.910	34.790	41.790	53.930	61.690	69.610
Power input	Cooling	Nom.		kW	8.140	10.780	13.040	16.740	19.650	21.610
	Heating	Nom.		kW	7.330	10.840	12.860	15.540	18.580	21.420
EER					3.36	3.30	3.43	3.33	3.40	3.36
COP					3.40	3.21	3.25	3.47	3.32	3.25
Evaporator	Air flow rate	Cooling		m ³ /min	93.6	121.8	160.2	189.6	206.7	235.02
	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		
			Depth	mm	2,063		2,113		2,670	
	Weight	Unit		kg	445	580	610	830	880	1,020
Casing	Colour				Light grey					
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 / GWP				R-410A / 2,087.5					
	Charge			kg	6.1	5.8	7.2	8.7	10.4	11.6
	Charge			TCO _{Eq}	12.7	12.1	15.0	18.2	21.7	24.2
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415					

Economiser option

Indoor unit				ECONO	250AY1	350AY1	450AY1	550AY1	600AY1	700AY1
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
Test Standard					ISO 13253					