

Rooftop Package Unit – **Standard Efficiency**



- ➔ R410A refrigerant.
- ➔ Easy Access service panels.
- ➔ Conventional 24V controls.
- ➔ On board diagnostics with LED display board
- ➔ Compact design.
- ➔ Cooling temperature range from 17C to 48C.
- ➔ High and Low pressure protection.

Model			CP410A-S036AH3G1C	CP410A-S048AH3G1C	CP410A-S055AH3G1C	CP410A-S055AH5G1C
Nominal		Tons	3	4	5	5
Electrical	Power supply	V-Ph-Hz	208-230V 1N-60HZ			208-230V 3N-60HZ
	Applicable voltage range	Min-Max	187 to 253 Volts			
	MCA	A	21	26	31	24
	MOP	A	30	40	50	40
Gross Cooling capacities @ 95 F, 80 F EDB, 67 F EWB.	Rated Gross Capacity	BTUH	31100	41400	47600	48200
		W	9115	12134	13951	14127
	Rated Sensible Capacity	BTUH	23600	31500	36200	36600
		W	6917	9232	10610	10727
	Rated CFM	CFM	1410	1530	1530	1410
	Rated Input	W	3440	4349	5659	5500
	Rated EER	BTUH/W	9.1	9.5	8.4	8.8
Compressor	Model		GVS295KAA	ABT042KTA	ABT054KAA	ABT054RMA
	Type / Brand		Rotary / LG	Scroll / LG		
	Rated current(RLA)	A	13.6	17.6	21.5	16.2
	Locked rotor Amp(LRA)	A	66.5	120	120	135
	Capacitor	uF	60	70	80	15
Indoor fan motor	Model		YDK-350F-6P3			
	Input	W	527			
	Output	W	350			
	Rated current	A	2.4			
	Capacitor	uF	15			
	Speed(hi/mi/lo)	r/min	1045/970			
	Max.input	W	611			
Indoor fan	Type / Material		FC centrifugal / metal			
	Diameter / Height	mm	273 / 272			
	Indoor Airflow	m3/h / (CFM)	2600 / (1530)			
	Indoor ESP, (Hi)	Pa	50			
Indoor coil	Number of rows		3	4	4	4
	Tube pitch(a)x row pitch(b)	mm	21*13.37			
	Fin spacing	mm	1.5			
	Fin type (code)		Hydrophilic aluminum foil			
	Tube outside dia. / type	mm	7 / Copper			
	Coil length x height	mm	420*714			
	Number of circuits		7	12	12	12
Outdoor fan motor	Model		S.TB-DQ-YDK-230-6P2			
	Type		Asynchronous motor			
	Input	W	452			
	Output	W	230			
	Rated current	A	1.9			
	Capacitor	uF	12			
	Speed	r/min	1110			
Outdoor fan	Type / material		Axial flow / metal			
	Diameter / Height	mm	560 / 125			
	Outdoor air flow	m3/h / (CFM)	5600 / (3296)			
Outdoor coil	Number of rows		2			
	Tube pitch(a)x row pitch(b)	mm	14.5*12.56		21*13.37	
	Fin spacing	mm	1.4		1.5	
	Fin type (code)		Hydrophilic aluminum foil			
	Tube outside dia. / type	mm	5 / Copper		7 / Copper	
	Coil length x height	mm	1410*725		1408*714	
	Number of circuits		6			
Outdoor sound level (sound pressure level)		dB(A)	65			
Outdoor unit	Dimension(W*H*D)	mm	1146*846*754			
	Packing (W*H*D)	mm	1150*845*775			
	Net / Gross weight	Kg	135/137			
Refrigerant	Refrigerant charge	g	2300	2200	2300	2300
	Refrigerant type		R-410A			
Throttle type			Capillary			
Design pressure		MPa	4.5			
Drainage pipe outside diameter		mm2	25			
Controller			24V thermostat			
Cooling Operation range		°F	63-118			