



Ducted *INVERTER* AC System



UP TO
16 SEER





➔ **Expansion device**
Reliable TXV expansion device

➔ **Coil**
High efficient "A" shape coils, constructed with copper tubing and enhanced aluminum fins.

➔ **Motor**
Direct drive, ECM motors, 3-speed, provide selections of air flow to meet desired applications.

➔ **Drainage design**
Primary and secondary drain connections. Non-corrosive, composite drain pans.

➔ **Blower**
Φ10.8" large fan for proper airflow. Slide out blower assembly for easy maintenance.

➔ **Multi-position installation**
Versatile multi-prise design for up-flow, downflow, horizontal right, or horizontal left, airflow.

CIAC MODEL			CB418B-T036EM3G1C	CB418B-T060EM3G1C
Power supply		V/Ph/Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
Indoor coil	Number of rows		4x2	5x2
	Tube outside dia. / Type		7mm / Rifled tube	
	Fin spacing / Thickness / Type	mm / mm	1.6 / 0.095 / Non-hydrophilic louvered fin	
Indoor motor	Type		ECM	
	Rated output	HP	1/2	3/4
	Rated RPM	r/min	1050	1050
	FLA		1.4	4.4
Indoor fan	material		Galvanized plate	
	Type		Centrifugal	
	Diameter	inch	11	11
	Height	inch	10-5/8	10-5/8
Indoor air flow		CFM	1100	1600
ESP		Pa	37.5	50
Indoor noise level		dB(A)	48	57
Metering device	Expansion device		TXV	
Electrical Data	Voltage-Phase-Hz	V-Ph-Hz	208/230V 1Ph 60Hz	
	Minimum Circuit Ampacity		2	6
	Max. Overcurrent Protection		3	6
	Min / Max Volts	V	187 / 253	187 / 253
Indoor unit	Dimension (WxHxD)	mm	500x1162x560	560x1350x620
		in.	19-5/8x45-3/4x22	22x53-1/8x24-1/2
	Packing (WxHxD)	mm	580x1210x650	640x1390x710
		in.	22-5/6x47-5/8x25-3/5	25-1/5x54-3/4x28
	Net / Gross weight	kg	59 / 65	80 / 86
		lbs	130 / 143	176 / 189
Refrigerant piping Liquid side / Gas side		in.	3/8 / 3/4	3/8 / 7/8
Shipping per STD40HQ			120	54



- R-410A environmentally friendly refrigerant.
- Painted galvanized steel cabinet.
- Louvered steel coil guard
- 24VAC low voltage control
- Wide operation temperature range
- Golden Anticorrosion Protection

CIAC MODEL		CA416A-X036-V3G1C	CA416A-X060-V3G1C	
Power supply		V/Ph/Hz	208~230-1-60	
Cooling	Capacity	Btu/h	36000	
	Capacity	W	10550	
	Input	W	4000	
	Rated current	A	19	
	SEER			16
	EER	Btu/h.W	9.00	10.00
	EER	W/W	2.64	
Input consumption		W	600-4000	
Current		A	2.5-19	
Outdoor coil	Number of row		1	
	Fin spacing	mm	1.4	
	Fin material		Unhydrophilic aluminum	
	Tube outside diameter	mm	φ7	
	Tube type /material		Copper / Inner grooved	
	Coil length x height x width	mm	2148x588x13.37	2136x798x26.76
	Number of circuit		4	8
Compressor	Brand		GMCC	
	Model		ATM240D57UFT	
	Type		Twin-rotary	
	Capacity	W/h	7190	12900
	Input	W	1935	3960
	Rated current(RLA)	A	8.85	14.8
	Refrigerant oil	ml	670	1100
Outdoor fan motor	Brand		lvzhi	
	Qty		1	
	Model		YDK-110-8P2	
	Output	W	110.00	230.00
	Output	W	38	200
	Capacitor	μF	6μF/450V	12μF/450V
	Speed	r/min	850	1100
Outdoor air flow		m ³ /h	4500	
Outdoor noise level		dB(A)	57	
Outdoor dimension	Unit (WxHxD)	mm	740x740x635	
	Packing (WxHxD)	mm	760x760x660	
Net/Gross weight		kg	66/70	
Refrigerant	Type		R410A	
	Charge	kg	2.2	
Refrigerant pipe	Liquid side/ Gas side	mm(inch)	3/8" / 3/4"	
	Max. refrigerant pipe length	m	25	
	Max. difference in level	m	20	
Operation temperature range		°C	16 32	
Ambient temperature range		°C	16! 50	