



Ducted *INVERTER* System



R-410A
REFRIGERANT



INVERTER
Technology



- ➔ **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-poise design for up-flow, downflow, horizontal right, or horizontal left, airflow.

Indoor Unit Model			CB418B-T024EM3G1C	CB418B-T036EM3G1C	CB418B-T048EM3G1C	CB418B-T060EM3G1C
Electrical Data	Voltage-Phase-Hz	V-Ph-Hz	208/230V 1Ph 60Hz			
	Minimum Circuit Ampacity		1.7	2	5	6
	Max. Overcurrent Protection		3	3	6	6
	Min / Max Volts	V	187 / 253	187 / 253	187 / 253	187 / 253
Nominal cooling		Btu/h	24000	36000	48000	60000
Indoor coil	Number of rows		4x2	4x2	5x2	5x2
	Tube outside dia. / Type		7mm / Rifled tube			
	Fin spacing / Thickness / Type	mm / mm	1.6 / 0.095 / Non-hydrophilic window slice			
Indoor motor	Type		ECM			
	Rated output	HP	1/3	1/2	3/4	3/4
	Rated RPM	r/min	1050	1050	1050	1050
	FLA		1.2	1.4	3.6	4.4
Indoor fan	Type		Galvanized / Centrifugal			
	Diameter	inch	11			
Indoor air flow		CFM	830	1100	1600	1600
ESP		Pa	25	37.5	50	50
Indoor noise level		dB(A)	46	48	55	57
Metering device	Type		TXV			
	Model		3TR	3TR	5TR	5TR
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	59 / 65	80 / 86	80 / 86
		lbs	130 / 143	130 / 143	176 / 189	176 / 189
Refrigerant piping Liquid side / Gas side		in.	3/8 / 3/4	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8
Shipping per STD40HQ			120	120	54	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

Outdoor Unit Model			CA418A-X024-V3G1C	CA418A-X036-V3G1C	CA418A-X048-V3G1C	CA418A-X060-V3G1C
Electrical Data	Voltage-Phase-Hz	V-Ph-Hz	208/230V-1Ph-60Hz			
	Minimum Circuit Ampacity	A	14	19	25	29
	Max. Overcurrent Protection	A	20	30	40	50
	Min / Max Volts	V	187 / 253	187 / 253	187 / 253	187 / 253
Cooling	Capacity	Btu/h	23400	34000	45500	54000
	EER2	Btu/h.W	12.2	10.6	10.8	10
	SEER2	Btu/h.W	16	16	16	16
	EER	Btu/h.W	13.7	11.3	12.1	10.7
	SEER	Btu/h.W	18	18	18	18
Compressor	Model		ATM240D57UFT	ATM240D57UFT	MNB42FCKMC-L	MNB42FCKMC-L
	Brand		GMCC	GMCC	Mitsubishi	Mitsubishi
	Type		Twin-rotary DC			
	Thermal protector	uf	internal			
	Input	W	2200±5%	2200±5%	4040±5%	4040±5%
	Refrigerant oil	ml	870	870	1400	1400
	Rated current(RLA)	A	13.5	18.5	27.2	27.2
Locked rotor Amp(LRA)	A	45	45	58.1	58.1	
Outdoor motor	Model		YDK-110-8P2-AL	YDK-110-8P2-AL	WZDK200-310G	WZDK200-310G
	Brand		Chigo	Chigo	Panasonic	Panasonic
	Type		AC	AC	DC	DC
	Rated HP	W	1/7	1/7	2/7	2/7
	Capacitor	µF	6	6	/	/
	Speed	rpm	850	850	1050	1050
	FLA	A	1	1.1	1.2	1.2
Outdoor Fan	Type		Axial flow			
	Diameter	In.	23	23	23-5/8	23-5/8
	Air flow	CFM	2950	2950	4100	4100
Outdoor coil	Number of row		2			
	Tube outside dia	mm (in.)	7 (9/32)			
Outdoor noise level						
Outdoor unit	Dimension (WxHxD)	mm	740x633x740		740x835x740	
		inch	29-1/8x25x29-1/8		29-1/8x32-7/8x29-1/8	
	Packing (WxHxD)	mm	760x660x760		760x875x760	
		in.	30x26x30		30/16x34-4/9x3	
	Net / Gross weight	kg	68/ 72	68/ 72	80/ 85	80/ 85
		lbs	150 / 159	150 / 159	176 / 187	176 / 187
Piping / Refrigerant	Liquid side / Gas side	in.	3/8 / 3/4	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8
	Factory charge R410A	oz	114	114	166	166
Operating temperature range			64-118			
Shipping per STD40HQ			180	180	135	135