

**18
SEER**



NOISELESS

**FULL DC
INVERTER**



**CVX-CXN
SERIES**
SPLIT SYSTEM
COOLING ONLY
INVERTER

CVX-CXN

CVX (Outdoor Unit) Series Technical Specifications

Model		CVX1824-CDN1	CVX1836-CDN1	CVX1848-CDN1	CVX1860-CDN1	
Electrical Data	Voltage/Phase/Hertz	V-PH-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
	Minimum Circuit Ampacity		17.7	24.2	31.9	36.5
	Max. Overcurrent Protection		30	40	50	60
	Min / Max Volts		187 / 253	187 / 253	187 / 253	187 / 253
Cooling	Capacity	Btu/h	24000	35200	48000	58000
	EER	Btu/h.W	12.5	12.2	12.5	11.7
	SEER	Btu/h	18	18	18	18
Heating	Capacity	Btu/h	-	-	-	-
	HSPF	Btu/h.W	-	-	-	-
Compressor	Type	-	Rotary	Rotary	Rotary	Rotary
	Supplier	-	Mitsubishi	Mitsubishi	GMCC	GMCC
	RLA	-	13.5	18.5	23.5	27.2
	LRA	-	45	45	52	52
Fan Motor	Type	-	PSC	PSC	DC	DC
	Rated HP	HP	1/8	1/6	1/3	1/3
	Capacitor	µF	6	6	-	-
	Rated RPM	r/min	1075	825	1050	1050
	FLA	-	0.8	1	2.5	2.5
Outdoor Fan	Material	-	Metal	Metal	Metal	Metal
	Type	-	Axial Flow	Axial Flow	Axial Flow	Axial Flow
	Diameter	in	23-5/8	23-5/8	23-5/8	23-5/8
	Height	in	2-3/4	4-1/2	4-1/2	4-1/2
	Air Flow	CFM	2400	2900	4100	4100
Condenser Coil	Number of Rows	-	1	2	2	2
	Tube Outside dia	mm/in	7 (9/32)	7 (9/32)	7 (9/32)	7 (9/32)
Outdoor sound level (sound power level)		-	75	77	79	79
Outdoor Unit	Dimension (W×H×D)	mm/in	740×633×740 / 29-1/8×24-15/16×29-1/8		740×843×740 / 29-1/8×33-3/16×29-1/8	
	Packing (W×H×D)	mm/in	768×667×768 / 30-1/5×26-1/4×30-1/5		768×877×768 / 30-1/5×34-1/2×30-1/5	
	Net / Gross weight	Kg-lb	61/65 - 134 / 143	67/71 - 148 / 157	87/82 - 192 / 203	87/82 - 192 / 203
Refrigerant System	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	78	114	152	163
	Metering Device	-	-	-	-	-
	Operating Temperatures	°F	50-118	50-118	50-118	50-118
Shipping per STD40HQ		-	180	180	135	135

CNX (Indoor Unit) Series Technical Specifications

Model		CXN1824-WN1	CXN1836-WN1	CXN1848-WN1	CXN1860-WN1
Indoor Motor	Type	-	ECM	ECM	ECM
	Rated HP	HP	1/3	1/2	3/4
	Rated RPM	r/min	1050	1050	1050
	FLA	-	2.8	4.1	6.0
Indoor Fan	Material	-	Galvanized Plate	Galvanized Plate	Galvanized Plate
	Type	-	Centrifugal	Centrifugal	Centrifugal
	Diameter	in	10-5/8	11	11
	Height	in	8	10-5/8	10-5/8
Indoor Coil	Number of rows	-	4x2	4x2	5x2
	Tube outside dia / Type	-	7mm / Innergroove tube	7mm / Innergroove tube	7mm / Innergroove tube
	Fin spacing / Thickness / Type	mm/mm	1.6 / 0.095 / Hydrophilic aluminium	1.6 / 0.095 / Hydrophilic aluminium	1.6 / 0.095 / Hydrophilic aluminium
	Tube pitch(a) × Row Pitch(b)	mm	13.37x21	13.37x21	13.37x21
Indoor Limit Value of Static Pressure and Air		Pa/ CFM	25/800	37.5/1180	50/1560
Indoor Sound Level (Sound Power Level)		dB(A)	63	65	67
Metering Device	Throttle Type	-	TXV	TXV	TXV
	Model Number	-	3TR	3TR	4TR
Electrical Data	Voltage/Phase/Hz	V-PH-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
	Minimum Circuit Ampacity	-	3.5	5.1	7.5
	Max. Overcurrent Protection	-	15	15	15
	Min / Max Volts	-	187/253	187/253	187/253
Indoor Unit	Dimension (W×H×D)	mm	500×1180×550	560×1385×610	560×1385×610
		in	19-5/8×46-1/2×21-5/8	22×54-1/2×24	22×54-1/2×24
	Packing (W×H×D)	mm	644×1205×567	704×1410×627	704×1410×627
		in	22-3/5×47-4/5×22-7/10	27-7/10×55-4/5×25	27-7/10×55-4/5×25
	Net Gross Weight	Kg	54 / 60	74 / 82	74 / 82
		lb	119 / 132	161 / 178	162 / 180
Refrigerant piping Liquid side - Gas side		in	3/8 - 3/4	3/8 - 3/4	3/8 / 7/8
Shipping per STD40HQ		-	154	104	104

Field Installed Electric Heat Kits (Optional)

MODEL	PART NUMBER	DESCRIPTION
EHK-05A	17417600000004	5 kW Electric Strip heater
EHK-08A	17417600000003	8 kW Electric Strip heater
EHK-10A	17417600000005	10 kW Electric Strip heater
EHK-15A	17417600000009	15 kW Electric Strip heater
EHK-20A	17417600000006	20 kW Electric Strip heater



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