

DAIZUKI®



**FULL DC
INVERTER**

18 SEER
R410A
REFRIGERANT

**AIR CONDITIONING
CERTIFIED**
www.aircdirectory.org
Unitary Small AC
AHRI Standard 210/240
Certification requires units and controls to be tested and listed with AHRI.



UL US
LISTED 23NU

NOISELESS

Condensing Unit & Air Handler System



Model			CXN1824-070BY	CXN1836-105BY	CXN1848-120BY	CXN1860-140BY		
Indoor Unit	Type		Air Handler	Air Handler	Air Handler	Air Handler		
	Total Capacity	Cooling Nominal (Min-Max)	Btu/h	24000 (11770-26500)	35000 (15200-39900)	41000 (17810-46400)	48000 (25100-54500)	
	SEER		Btu/h.W	18.00	17.50	17.50	17.50	
	Electrical Data	Power Supply	V/Ph/Hz	208-230V/1/60Hz	208-230V/1/60Hz	208-230V/1/60Hz	208-230V/1/60Hz	
		Min/Max Voltage	V	187/254	187/254	187/254	187/254	
	Fuse		A	3.15	3.15	3.15	3.15	
	Sound Pressure Level (H/M/L)*		dB (A)	44	52	52	52	
	Sound Power Level (H/M/L)*		dB (A)	54	62	63	63	
	Air Flow Volume		m ³ /h	1200	1954	2209	2400	
	Fan Motor	Drive Type		-	Direct	Direct	Direct	
		Speed		rpm	570/460	900	1050	1050
		Power Output		W	0.059	0.5	0.75	0.75
		Full Load Amp (FLA)		A	0.52	3.60	4.60	4.60
	Fan	Type		-	Centrifugal	Centrifugal	Centrifugal	
		Diameter-Height		Inch	9.53-8.11	10.24-9.69	10.87-11.26	10.87-11.26
	Evaporator	Material		-	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	
		Length×Height×Width		mm	413×66×457.2	413×66×588.8	413×88×609.6	413×88×609.6
	Operation Temp	Cooling		°C	19.4-46.1	19.4-46.1	19.4-46.1	
Drain Connection Size		Inch	3/4	3/4	3/4			
System Operation Control		-	Wired Control	Wired Control	Wired Control	Wired Control		
Dimension	Outline Dimension (W×D×H)		mm	532×540×1105	532×540×1224	621×540×1224		
	Package Dimension (L×W×H)		mm	572×597×1160	572×607×1280	656×622×1280		
Weight	Net Weight		Kg	57.0	63.0	74.0		
	Gross Weight		Kg	61.0	69.0	81.0		
Outdoor Unit	Model		CVX1824-070BY	CVX1836-105BY	CVX1848-120BY	CVX1860-140BY		
	Total Capacity	Cooling Nominal (Min-Max)	Btu/h	24000 (11770-26500)	35000 (15200-39900)	41000 (17810-46400)	48000 (25100-54500)	
	SEER		Btu/h.W	18.00	17.50	17.50	17.50	
	Electrical Data	Power Supply	V/Ph/Hz	208-230V/1/60Hz	208-230V/1/60Hz	208-230V/1/60Hz	208-230V/1/60Hz	
		Max. Overcurrent Protection	A	16.9	30.0	40.0	40.0	
		Min/Max Voltage	V	187/254V	187/254V	187/254V	187/254V	
	Sound Pressure Level (H/M/L)*		dB (A)	57	62	63	63	
	Sound Power Level (H/M/L)*		dB (A)	67	72	73	73	
	Refrigerant	Type		-	9.26 R410A	13.67 R410A	16.36 R410A	
		Power Input	W	2200	3010	3010	4580	
	Compressor	Rated Load Amp (RLA)		A	9.7	13.2	21.0	
		Thermal Protector		-	Internal	Internal	Internal	
		Drive Type		-	Direct	Direct	Direct	
	Fan Motor	Speed (H/M/L)*		rpm	1015/790	845/690	1080/900	
		Power Output		HP	1/9	1/7	1/4	
		Full Load Amp (FLA)		A	0.65	0.74	1.25	
		Insulation Class		-	B	B	A	
		Safe Class		-	IP44	IP44	IP44	
		Type		-	Direct	Direct	Direct	
	Fan	Type		-	Direct	Direct	Direct	
		Quantity		-	3	3	3	
		Diameter-Height		Inch	18.11	22.04	22.04	
	Condenser	Material		-	0.8	0.8	0.8	
		Face Area		sq.ft	720×515×255	795×525×290	890×670×320	
				m ²	835×382×600	907×382×600	1020×430×760	
	Permissible Excessive Operating Pressure for Discharge Side		Mpa	3.17	3.17	3.17		
	Permissible Excessive Operating Pressure for Suction Side		Mpa	1.66	1.66	1.66		
	Operation Temp	Cooling		°C	19.4-46.1	19.4-46.1	19.4-46.1	
Moisture Protection		-	IP24	IP24	IP24			
Dimension	Outline Dimension (W×D×H)		mm	610×610×620	710×710×735	710×710×850		
	Package Dimension (L×W×H)		mm	651×651×620	773×773×755	773×773×1005		
Weight	Net Weight		Kg	52	71	96		
	Gross Weight		Kg	56	75	110		
Connection Pipe	Valve Connection Type		-	Brazing	Brazing	Brazing		
	Length		m	7.5	7.5	7.5		
	Gas Additional Charge		g/m	30	30	60		
	Outer Diameter	Liquid Pipe	Inch	3/8	3/8	1/2		
		Gas Pipe	Inch	5/8	3/4	7/8		
	Max Distance	Height	m	15	15	15		
		Length	m	30	30	30		



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