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CVX Series (Outdoor Unit) Technical Specifications						
Model		CVX1824-CDN2	CVX1836-CDN2	CVX1848-CDN2	CVX1860-CDN2	
Electrical Data	Voltage/Phase/Hz	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	24,000	34,600	47,000	57,000
	Power Input	W	2,069	2,983	3,917	5,135
	Rated Current	A	9.6	13.8	18.1	23.8
	EER	Btu/h.W	11.6	11.6	12.0	11.1
	SEER	Btu/h.W	17.5	17.5	17.5	17.5
Heating	Capacity	Btu/h	23,800	33,600	46,500	55,000
	Power Input	W	2,505	3,537	4,895	5,789
	Rated Current	A	11.6	16.4	22.6	26.8
	HSPF	Btu/h.W	9.5	9.5	9.5	9.5
Compressor	Model	-	TNB220FLHMC-L	TNB220FLHMC-L	ATQ420D1UMU	ATQ420D1UMU
	Capacity	Btu/h	24,328	24,328	44,356	44,356
	Input	W	2,200	2,200	3,505	3,505
	Brand	-	Mitsubishi	Mitsubishi	GMCC	GMCC
Fan Motor	Model/Type	-	YDK85-6M/AC	YDK110-8M/AC	WZDK200-310G/DC	WZDK200-310G/DC
	Capacitor	µF	6	6	-	-
Outdoor Coil	Number of Rows	-	1	2	2	2
	Number of U Tube	-	14	28	38	38
	Tube Outside Dia	mm/in	7 / ¼	7 / ¼	7 / ¼	7 / ¼
	Tube Outside Type	-	Innergroove Tube	Innergroove Tube	Innergroove Tube	Innergroove Tube
	Fin Spacing	mm/in	1.3 / 3/64	1.5 / 1/16	1.3 / 3/64	1.3 / 3/64
	Tube Pitch(a) x Row Pitch(b)	mm	19.4/21	13.37/21	13.37/21	13.37/21
	Reversing valve	Model	STF-02BN1(JL)	STF-02BN1(JL)	STF-03N1(JL)	STF-03N1(JL)
Sound Level	dB	66dB	66dB	68dB	69dB	
Sound Pressure Level	dB	76dB	77dB	79dB	79dB	
Operating Temperatures	°C/°F	-15-47.77 °C / 5-118 °F	-15-47.77 °C / 5-48.88 °F	-15-47.77 °C / 5-48.88 °F	-15-47.77 °C / 5-48.88 °F	
Maximum Line Length	Feet	100	100	100	100	
Maximum Elevation Difference	Feet	50	50	50	50	
Charged Refrigerant Type	Type	R410a	R410a	R410a	R410a	
	g	2600	3420	4520	4720	
Dimension (W x H x D)	in	29-1/8x24-15/16x29-1/8	29-1/8x24-15/16x29-1/8	29-1/8x33-3/16x29-1/8	29-1/8x33-3/16x29-1/8	
	mm	739.77x633.41x739.77	739.77x633.41x739.77	739.77x842.96x739.77	739.77x842.96x739.77	
Packing (WxHxD)	in	30-1/5x26-1/4x30-1/5	30-1/5x26-1/4x30-1/5	30-1/5x34-1/2x30-1/5	30-1/5x34-1/2x30-1/5	
	mm	767.08x666.75x767.08	767.08x666.75x767.08	767.08x876.3x767.08	767.08x876.3x767.08	
Packing (WxHxD)	Liquid side / Gas side	3/8 / 3/4	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8	
Shipping per STD40HQ	-	180	180	135	135	

CXN Series (Indoor Unit) Technical Specifications						
Model		CXN1824-WN1	CXN1836-WN1	CXN1848-WN1	CXN1860-WN1	
Indoor Motor	Type	-	ECM	ECM	ECM	ECM
	Rated HP	HP	1/3	1/2	3/4	3/4
	Rated RPM	r/min	1050	1050	1050	1050
	FLA	-	2.8	4.1	6.0	6.0
Indoor Fan	Material	-	Galvanized Plate	Galvanized Plate	Galvanized Plate	Galvanized Plate
	Type	-	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Diameter	in	10-5/8	11	11	11
	Heigh	in	8	10-5/8	10-5/8	10-5/8
Indoor Coil	Number of rows	-	4x2	4x2	4x2	5x2
	Tube outside dia / Type	-	7mm / Innergroove tube	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	1.6 / 0.095 / Hydrophilic aluminium
	Tube pitch(a) x Row Pitch(b)	mm	13.37x21	13.37x21	13.37x21	13.37x21
Indoor Limit Value of Static Pressure and Air	Pa/ CFM	25/800	37.5/1180	50/1560	50/1700	
Indoor Sound Level (Sound Power Level)	dB(A)	63	65	67	68	
Metering Device	Throttle Type	-	TXV	TXV	TXV	TXV
	Model Number	-	3TR	3TR	4TR	5TR
Electrical Data	Voltage/Phase/Hz	V-PH-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
	Minimum Circuit Ampacity	-	3.5	5.1	7.5	7.5
	Max. Overcurrent Protection	-	15	15	15	15
	Min / Max Volts	-	187/253	187/253	187/253	187/253
Indoor Unit	Dimension (WxHxD)	mm	500x1180x550	560x1385x610	560x1385x610	560x1385x610
		in	19-5/8x46-1/2x21-5/8	22x54-1/2x24	22x54-1/2x24	22x54-1/2x24
	Packing (WxHxD)	mm	644x1205x567	704x1410x627	704x1410x627	704x1410x627
		in	22-3/5x47-4/5x22-7/10	27-7/10x55-4/5x25	27-7/10x55-4/5x25	27-7/10x55-4/5x25
	Net Gross Weight	Kg	54 / 60	74 / 82	74 / 82	77 / 85
lb		119 / 132	161 / 178	162 / 180	170 / 188	
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	-	154	104	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

