



22 SEER

COSMO



Technical Specifications

No.	Description	Unit	Parameter			
			GWC18AWKCD-D60N1A1	GWC18AWKCD-D60N1A1	GWC24AWKCD-D60N1A1	GWC24AWKCD-D60N1A1
1	Model	--	GWC18AWKCD-D60N1A1	GWC18AWKCD-D60N1A1	GWC24AWKCD-D60N1A1	GWC24AWKCD-D60N1A1
2	Series Name	--	Cosmo	Cosmo	Charmo	Cosmo
3	Product Type	--	Cooling Only	Cooling Only	Cooling Only	Cooling Only
4	Control Type	--	Remote	Remote	Remote	Remote
5	Rated Voltage	V~	208/230	208/230	220-240	208/230
6	Rated Frequency	Hz	60	60	60	60
7	Phases	--	1	1	1	1
8	Min./Max. Voltage	V	185/253	185/253	198/264	198/264
9	Cooling Capacity	W	3517	5275	6945	6750
10	Cooling Capacity	Btu/h	12000	18000	23600	23000
11	Min. Cooling Capacity	W	800	850	2100	800
12	Min. Cooling Capacity	Btu/h	2730	2900	7150	2730
13	Max. Cooling Capacity	W	4200	6100	11000	7800
14	Max. Cooling Capacity	Btu/h	14330	20813	37500	26610
15	Cooling Power Input	W	1062	1525	3200	1875
16	Min. Cooling Power Input	W	/	350	730	240
17	Max. Cooling Power Input	W	1550	2000	4000	2800
18	Cooling Current Input	A	5.2	7.2	13.8	8.51
19	Rated Input	W	1550	2000	4000	2800
20	Rated Cooling Current	A	7.6	10.4	20	13
21	EER	W/W	3.31	3.46	3.11	3.6
22	SEER	(Btu/h)/W	11.3	11.8	10.62	12.27
24	SEER	--	22	22	22	26
25	Air Flow Volume(S5)	m ³ /h	720	1100	1400	1400
26	Air Flow Volume(H)	m ³ /h	600	1000	1100	1100
27	Air Flow Volume(MH)	m ³ /h	550	920	1050	1000
28	Air Flow Volume(M)	m ³ /h	470	850	950	950
29	Air Flow Volume(ML)	m ³ /h	420	790	850	850
30	Air Flow Volume(L)	m ³ /h	380	680	800	800
31	Air Flow Volume(SL)	m ³ /h	310	580	750	750
32	Dehumidifying Volume	L/h	1.4	1.8	3.5	2
33	Dehumidifying Volume	Pint/h	2.96	3.8	7.4	4.227
34	Application Area	m ²	16-24	23-34	46-70	27-42
35	Indoor Unit Model	--	GWC18AWKCD-D60N1A1/I	GWC18AWKCD-D60N1A1/I	GWC24AWKCD-D60N1A1/I	GWC24AWKCD-D60N1A1/I
36	Indoor Unit Fan Type	--	Cross-flow	Cross-flow	Cross-flow	Cross-flow
37	Cooling Speed	r/min	1550/1200/1120/1050/980/920/750/500	1350/1200/1120/1050/980/860/750	1450/1150/1100/1000/950/900/850	1450/1150/1100/1000/950/900/850
38	Evaporator Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
39	Evaporator Pipe Diameter	mm	φ5	φ5	φ7	φ7
40	Evaporator Row-fin Gap	mm	2-1.3	2-1.2	2-1.2	2-1.2
41	Indoor Unit Fan Motor Power Output	W	15	45	60	60
42	Indoor Unit Sound Pressure Level (S5) Cooling mode	dB (A)	47	51	53	53
43	Indoor Unit Sound Pressure Level (H) Cooling mode	dB (A)	39	47	46	46
44	Indoor Unit Sound Pressure Level (MH) Cooling mode	dB (A)	37	45	45	44
45	Indoor Unit Sound Pressure Level (M) Cooling mode	dB (A)	35	43	42	41
46	Indoor Unit Sound Pressure Level (ML) Cooling mode	dB (A)	33	41	41	40
47	Indoor Unit Sound Pressure Level (L) Cooling mode	dB (A)	31	36	39	38
48	Indoor Unit Sound Pressure Level (SL) Cooling mode	dB (A)	26	32	36	36
49	Indoor Unit Sound Pressure Level (SM) Cooling mode	dB (A)	25	/	/	/
50	Indoor Unit Sound Power Level (S5) Cooling mode	dB (A)	57	61	63	63
51	Indoor Unit Sound Power Level (H) Cooling mode	dB (A)	49	57	56	56
52	Indoor Unit Sound Power Level (MH) Cooling mode	dB (A)	47	55	55	54
53	Indoor Unit Sound Power Level (M) Cooling mode	dB (A)	45	53	52	51
54	Indoor Unit Sound Power Level (ML) Cooling mode	dB (A)	43	51	51	50
55	Indoor Unit Sound Power Level (L) Cooling mode	dB (A)	41	46	49	48
56	Indoor Unit Sound Power Level (SL) Cooling mode	dB (A)	36	42	46	46
57	Indoor Unit Sound Power Level (SM) Cooling mode	dB (A)	35	/	/	/
58	Indoor Unit Dimension (W)	mm	867	978	1078	1116
59	Indoor Unit Dimension (H)	mm	276	333	333	333
60	Indoor Unit Dimension (D)	mm	206	248	248	248
61	Indoor Unit Dimension of Carton Box (L)	mm	920	1033	1128	1175
62	Indoor Unit Dimension of Carton Box (W)	mm	334	398	406	407
63	Indoor Unit Dimension of Carton Box (H)	mm	264	319	323	328
64	Indoor Unit Dimension of Package(L)	mm	925	1038	1133	1180
65	Indoor Unit Dimension of Package(W)	mm	350	406	414	415
66	Indoor Unit Dimension of Package(H)	mm	275	329	333	338
67	Indoor Unit Net Weight	kg	9	13.5	15	15
68	Indoor Unit Gross Weight	kg	11	16	18	33.1
69	Outdoor Unit Model	--	GWC18AWKCD-D60N1A1/O	GWC18AWKCD-D60N1A1/O	GWC24AWKCD-D60N1A1/O	GWC24AWKCD-D60N1A1/O
70	Compressor Trademark	--	GREE	GREE	GREE	GREE
71	Compressor Model	--	QXF-A09BUE170	QXF-A120H170A	QXF5-D280X2070	QXF5-A150X1705
72	Compressor Oil	--	ZE-GL5 R868GX or equivalent	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent
73	Compressor Type	--	Rotary	Rotary	Rotary	Rotary
74	Outdoor Unit Fan Type	--	Axial-flow	Axial-flow	Axial-flow	Axial-flow
75	Outdoor Unit Fan Diameter	mm	420	420	570	520
76	Outdoor Unit Fan Motor Speed	rpm	850	940	850	800
77	Outdoor Unit Fan Motor Power Output	W	30	30	90	60
78	Outdoor Unit Air Flow Volume	m ³ /h	2200	2520	4500	3200
79	Outdoor Unit Air Flow Volume	CFM	1295	1483	2648	1883
80	Condenser Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
81	Condenser Pipe Diameter	mm	φ7	φ7.94	φ7	φ7
82	Condenser Rows-fin Gap	mm	1-1.2	2-1.4	2-1.4	2-1.4
83	Cooling Operation Ambient Temperature Range	°C	18-50	18-50	18-48	18-48
84	Throttling Method	--	Electron expansion valve	Electron expansion valve	Electron expansion valve	Electron expansion valve
85	Climate Type	--	T1	T1	T1	T1
86	Outdoor Unit Sound Pressure Level (H)	dB (A)	52	56	61	58
87	Outdoor Unit Sound Power Level (H)	dB (A)	62	66	71	68
88	Outdoor Unit Dimension (W)	mm	802	802	1000	958
89	Outdoor Unit Dimension (H)	mm	555	555	746	660
90	Outdoor Unit Dimension (D)	mm	350	350	427	402
91	Outdoor Unit Dimension of Carton Box (L)	mm	869	869	1077	1029
92	Outdoor Unit Dimension of Carton Box (W)	mm	395	395	480	453
93	Outdoor Unit Dimension of Carton Box (H)	mm	594	594	785	715
94	Outdoor Unit Dimension of Package(L)	mm	872	872	1080	1032
95	Outdoor Unit Dimension of Package(W)	mm	398	398	483	456
96	Outdoor Unit Dimension of Package(H)	mm	620	620	810	737
97	Outdoor Unit Net Weight	kg	26.5	31	52.5	41
98	Outdoor Unit Gross Weight	kg	29	34	57.5	45.5
99	Refrigerant	--	R32	R32	R32	R32
100	Refrigerant Charge	kg	0.72	1	1.7	1.3
102	Connection Pipe Length	m	7.5	7.5	7.5	7.5
103	Connection Pipe Length	ft	24.6	24.6	24.6	24.6
104	Connection Pipe Gas Additional Charge	g/m	12	12	12	12
105	Outer Diameter of Liquid Pipe	inch	1/4"	1/4"	1/4"	1/4"
106	Outer Diameter of Gas Pipe	inch	3/8"	1/2"	5/8"	5/8"
107	Max Distance Height	m	10	10	10	10
108	Max Distance Length	m	20	25	25	25
109	Loading Quantity (20' Container)	unit	86	75	48	58
110	Loading Quantity (40' Container)	unit	181	160	96	121
111	Loading Quantity (40' High Cube Container)	unit	216	189	114	140



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