

Technical Specifications
R410A T3 Inverter Split

Model		--	GWH09ALBXB-K3DNA1B	GWH12ALC-K3DNA1O	GWH18AGD-K3DNA2B	GWH24ALEXF-K3DNA1C
Product Code		--	CB513004900	CB513002500	CB543002100	CB513005001
Power Supply	Rated Voltage	V~	220-240	220-240	220-240	220-240
	Rated Frequency	Hz	50	50	50	50
	Phases	--	1	1	1	1
Power Supply Mode		--	Indoor	Indoor	Indoor	Indoor
Cross-sectional Area of Power Cable Conductor		mm ²	1	1	1.5	2.5
Recommended Power Cable(Core)		N	3	3	3	3
Min/Max. Voltage		V	185/264	185/264	185/264	198/264
Cooling Capacity		W	2668	3200	5275	7034
Min. Cooling Capacity		W	600	300	1200	1600
Max. Cooling Capacity		W	3000	3800	5700	8300
Heating Capacity		W	2725	3600	5300	7034
Min. Heating Capacity		W	750	700	1200	1600
Max. Heating Capacity		W	3500	4200	5700	7900
Cooling Power Input		W	784	1066	1600	2191
Min. Cooling Power Input		W	220		320	550
Max. Cooling Power Input		W	1150	1600	1900	2950
Heating Power Input		W	698	1000	1450	1954
Min. Heating Power Input		W	210		350	450
Max. Heating Power Input		W	1350	1650	1900	2900
Cooling Current		A	3.6	5.3	7.27	9.77
Heating Current		A	3.3	4.5	6.6	8.9
Rated Input		W	1350	1650	1900	2950
Rated Current		A	6.3	7	8.64	12.92
Rated Heating Current		A	7.4	8	8.64	10.03
EER		W/W	3.40	3.00	3.3	3.21
COP		W/W	3.90	3.60	3.66	3.60
Air Flow Volume		m ³ /h	570/520/480/430/380/355/330	680/620/560/490/450/420/390	910/850/780/740/700/650/610	1250/1150/950/700
Dehumidifying Volume		L/h	0.80	1.60	1.8	2.50
Application Area		m ²	12-18	16-24	23-34	27-42
Indoor Unit	Indoor Unit Model	--	GWH09AGBXB-K3DNA1B/I	GWH12AGC-K3DNA1O/I	GWH18AGD-K3DNA1B/I	GWH24AGEXF-K3DNA1C/I
	Fan Type	--	Cross-flow	Cross-flow	Cross-flow	Cross-flow
	Fan Diameter Length(D×L)	mm	φ93×580	φ98	φ106×739	φ108×830
	Cooling Speed	r/min	1300/1200/1120/1050/920/800/750	1300/1150/1100/1000/950/850/750	1230/1050/980/900/850/800/750	1300/1200/1000/750
	Heating Speed	r/min	1300/1200/1120/1050/950/850/800	1250/1100/1050/1000/950/850/800	1200/1050/980/900/850/800/750	1300/1200/1000/800
	Fan Motor Power Output	W	20	20	35	35
	Fan Motor RLA	A	0.22	0.30	0.45	0.45
	Fan Motor Capacitor	μF	1	1.5	2.5	3
	Evaporator Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Evaporator Pipe Diameter	mm	φ5	φ5	φ7	φ7
	Evaporator Row-fin Gap	mm	2-1.4	2-1.4	2-1.4	2-1.4
	Evaporator Coil Length (L×D×W)	mm	584×22.8×266.7	634×22.8×304.8	745×22.8×342.9	845×25.4×342.9
	Swing Motor Model	--	MP24AN	MP24AK/MP24BA	MP24BA/MP24AK	MP35CP
	Swing Motor Power Output	W	1.5	1.5/1.5	1.5/1.5	2.5

	Fuse Current	A	3.15	3.15	3.15A	3.15
	Set Temperature Range		16~30	16~30	16~30	16~30
	Sound Pressure Level	dB (A)	40/38/36/34/30/25/23	41/37/36/33/31/30/28	42/38/36/33/31/30/27	51/48/43
	Sound Power Level	dB (A)	50/48/46/44/40/35/33	51/47/46/43/41/40/38	52/48/46/43/41/40/37	61/58/53
	Dimension (W×H×D)	mm	770×251×190	825×293×196	982×311×221	1081×325×248
	Dimension of Carton Box (L×W×H)	mm	817×308×251	870×349×257	1039×377×287	1127×397×324
	Net Weight	kg	8.5	10.5	14	17
	Gross Weight	kg	10	12.5	16.5	20
Outdoor Unit	Outdoor Unit Model	--	GWH09ALBXB-K3DNA1B/O	GWH12AGC-K3DNA1O/O	GWH18AGD-K3DNA1B/O	GWH24QEXF-K3DNC8C/O
	Compressor Trademark		GREE	GREE	GREE	GREE
	Compressor Model	--	QXF-A082zC170	FTz-AN108ACBD	FTz-AN108ACBD	QXFS-M180zX170
	Compressor Oil	--	ZE-G;ES RB68GX or equivalent	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent
	Compressor Type	--	Rotary	Rotary	Rotary	Rotary
	Compressor RLA	A	2.56	4.40	4.40	3.50
	Fan Type	--	Axial-flow	Axial-flow	Axial-flow	Axial-flow
	Fan Diameter	mm	φ400	φ400	φ400	φ520
	Fan Motor Speed	rpm	850	850	900	720
	Fan Motor Power Output	W	35	35	30.00	50
	Fan Motor RLA	A	0.33	0.36	0.4	0.45
	Outdoor Unit Air Flow Volume	m ³ /h	1950	1950	1950	3800
	Condenser Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	φ7	φ7	φ7	φ7
	Condenser Rows-fin Gap	mm	1-1.2	1-1.2	2-1.4	2-1.4
	Condenser Coil Length (L×D×W)	mm	666×19.05×527	677×19.05×528	700×38.1×528	804×38.1×616
	Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3	4.3	4.3	4.3
	Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5	2.5	2.5	2.5
	Maximum Allowable Pressure	MPa	4.3	4.3	4.3	4.3
	Cooling Operation Ambient Temperature Range		18~50	18~50	18~50	18~50
	Heating Operation Ambient Temperature Range		-7~24	-7~24	-7~24	-7~24
	Throttling Method	--	Capillary	Capillary	Capillary	Capillary
	Defrosting Method	--	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
	Isolation	--	I	I	I	I
	Moisture Protection	--	IPX4	IPX4	IPX4	IPX4
	Sound Pressure Level	dB (A)	51	52	55	56
	Sound Power Level	dB (A)	61	62	65	66
	Dimension (W×H×D)	mm	732×555×330	732×555×330	732×550×330	958×660×402
	Dimension of Carton Box (L×W×H)	mm	791×373×590	791×373×590	791×373×590	1029×453×715
	Net Weight	kg	24.5	24.5	26.5	43
Gross Weight	kg	27	27	29	47.5	
Refrigerant	--	R410A	R410A	R410A	R410A	
Refrigerant Charge	kg	0.64	0.7	1.05	1.5	
Connection Pipe	Length	m	5	5	5	5
	Gas Additional Charge	g/m	20	20	20	50
	Outer Diameter of Liquid Pipe(GREE Allocation)(Metric)	mm	φ6	φ6	6	φ6
	Outer Diameter of Gas Pipe(GREE Allocation)(Metric)	mm	φ9.52	φ9.52	φ12	φ16
	Max Distance Height	m	10	10	10	10
	Max Distance Length	m	15	20	25	25