

Technical Specifications
R410A T3 Onoff Split

Model		--	GWH09AGBXB-K3NNA1C	GWH12AQCXB-K3NNA1C	GWH18AGD-K3NNA1C	GWH24AGEXF-K3NNA1B
Product Code		--	CA385013200	CA545000200	CA385007302	CA385012900
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	2.50
Recommended Power Cable(Core)		N	3	3	3	3
Min/Max. Voltage		V	187/264	185/264	185/264	198/264
Cooling Capacity		W	2700	3600	4950	7200
Heating Capacity		W	2800	3517	5220	7200
Cooling Power Input		W	841	990	1570	2000
Heating Power Input		W	818	810	1530	1800
Cooling Current		A	3.9	4.4	7.2	9.2
Heating Current		A	3.7	3.6	7.2	8.2
Rated Input		W	1180	1400	2050	2920
Rated Current		A	6.5	7.7	10.5	18.5
EER		W/W	3.21	3.64	3.15	3.60
COP		W/W	3.42	4.34	3.41	4.00
Air Flow Volume		m ³ /h	570/520/440/330/310	650/600/490/420/390	900/850/750/630/600	1250/1100/950/850/800
Dehumidifying Volume		L/h	0.80	1.40	1.80	4.23
Application Area		m ²	12-18	16-24	23-34	27-42
Indoor Unit	Indoor Unit Model	--	GWH09AGBXB-K3NNA1C/I	GWH12AQCXB-K3NNA1C/I	GWH18AGD-K3NNA1C/I	GWH24AGEXF-K3NNA1B/I
	Fan Type	--	Cross-flow	Cross-flow	Cross-flow	Cross-flow
	Fan Diameter Length(D×L)	mm	φ93×580	φ98×630	φ106×739	φ108×830
	Cooling Speed	r/min	1300/1200/1150/1100/1000/900/850	1300/1150/1100/1000/950/850/800	1250/1150/1100/1050/950/850/800	1300/1150/1070/1000/950/900/850
	Heating Speed	r/min	1250/1150/1100/1050/1000/950/900	1300/1100/1050/1000/970/950/900	1200/1150/1050/1000/950/850/800	1300/1150/1070/1000/950/900/850
	Fan Motor Power Output	W	20	20	25	35
	Fan Motor RLA	A	0.22	0.30	0.35	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	φ7	φ5	φ7
	Evaporator Row-fin Gap	mm	2-1.4	2-1.4	2-1.3	2-1.4
	Evaporator Coil Length (L×D×W)	mm	584×22.8×266.7	634×25.4×304.8	745×22.8×342.9	845×25.4×381
	Swing Motor Model	--	MP24BA/MP24AK	MP24BA	MP24BA/MP24AK	MP24AK/MP24HF
	Swing Motor Power Output	W	1.5/1.5	1.5	1.5/1.5	1.5/1.5
	Fuse Current	A	3.15	3.15	3.15	3.15
	Set Temperature Range		16~30	16~30	16~30	16~30
	Sound Pressure Level	dB (A)	40/37/34/28/26	41/37/32/28/27	44/42/39/32/31	47/43/39/37/36
	Sound Power Level	dB (A)	50/47/44/38/36	51/47/42/38/37	54/52/49/42/41	57/53/49/47/46
	Dimension (W×H×D)	mm	779×260×185	825×293×196	982×311×221	1075×333×246
	Dimension of Carton Box (L×W×H)	mm	823×316×247	870×349×257	1039×377×287	1128×406×323

	Net Weight	kg	8	10	13.5	17
	Gross Weight	kg	9.5	12	16.0	20
Outdoor Unit	Outdoor Unit Model	--	GWH09AGBXB-K3NNA1C/O	GWH12AQCXB-K3NNA1C/O	GWH18AGD-K3NNA1C/O	GWH24AGEXF-K3NNA1B/O
	Compressor Trademark	--	GREE	GREE	GREE	GREE
	Compressor Model	--	QXA-B100T170	QXA-B115C170	QXA-D19F070	QXA-D24F070
	Compressor Oil	--	RB 68EP or equivalent	RB 68EP or equivalent	ATMOS-RB68EP or equivalent	FW68DA or equivalent
	Compressor Type	--	Rotary	Rotary	Rotary	Rotary
	Compressor LRA	A	22	27.00	42.00	59.00
	Compressor RLA	A	3.8	4.30	7.00	9.30
	Compressor Power Input	W	817	933	1510	2000
	Compressor Overload Protector	--	HPA-420	HPA-322	UP3-06	HPD-445H
	Fan Type	--	Axial-flow	Axial-flow	Axial-flow	Axial-flow
	Fan Diameter	mm	φ400	φ400	φ420	φ520
	Fan Motor Speed	rpm	820	900	880	720
	Fan Motor Power Output	W	30	35	45	50
	Fan Motor RLA	A	0.33	0.33	0.44	0.45
	Fan Motor Capacitor	μF	2.5	2.5	3	3.5
	Outdoor Unit Air Flow Volume	m ³ /h	1600	1950	2300	3800
	Condenser Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	φ7.94	φ7.94	φ7	φ7
	Condenser Rows-fin Gap	mm	1-1.3	1-1.3	2-1.4	2-1.4
	Condenser Coil Length (L×D×W)	mm	677×19.05×528	677×19.05×528	780×23×514	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	53	56
	Sound Power Level	dB (A)	61	62	63	66
	Dimension (W×H×D)	mm	732×555×330	732×555×330	802×555×350	958×660×402
Dimension of Carton Box (L×W×H)	mm	791×373×590	791×373×590	869×395×594	1029×453×715	
Net Weight	kg	28.5	29.5	38.5	49	
Gross Weight	kg	31	32	41	53.5	
Refrigerant	--	R410A	R410A	R410A	R410A	
Refrigerant Charge	kg	0.75	0.9	1.15	1.45	
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	φ6	φ6
	Outer Diameter of Gas Pipe(GREE Allocation)(Metric)	mm	φ9.52	φ12	φ12	φ16
	Max Distance Height	m	10	10	10	10
	Max Distance Length	m	15	20	25	25