

Technical Specifications**R410A On Off Wall mounted split type**

Parameter		Unit	Value	Value	Value	Value
Model		--	GWH09QB-K3NNB2J	GWH12QC-K3NNB2H	GWH18QD-K3NNB2D	GWH24QE-K3NNB2A
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	1.00	1.00	1.50	2.50
Recommended Power Cable(Core)		N	3	3	3	3
Min/Max. Voltage		V	198/264	185/242	185/264	198/264
Cooling Capacity		W	2650	3223	5012	6450
Cooling Capacity		Btu/h	9042	10997	17100	22007
Heating Capacity		W	2785	3250	5129	6741
Heating Capacity		Btu/h	9500	11089	17500	23000
Cooling Power Input		W	820	1001	1540	2009
Heating Power Input		W	763	867	1445	1867
Cooling Current		A	3.73	4.64	7.12	9.0
Heating Current		A	3.47	4.02	6.7	8.6
Rated Input		W	/	1500	2000	2550
Rated Current		A	5.23	7.5	11.03	13
Rated Heating Current		A	5.68	7.5	11.03	13
EER		W/W	3.23	3.22	3.25	3.21
COP		W/W	3.65	3.75	3.55	3.61
Air Flow Volume		m ³ /h	550/500/445/340	650/540/460/330	850/820/790/730	1100/1000/800/650/
Dehumidifying Volume		L/h	0.80	1.40	1.80	1.80
	Indoor Unit Model	--	GWH09QB-K3NNB2J/I	GWH12QC-K3NNB2H/I	GWH18QD-K3NNB2D/I	GWH24QE-K3NNB2A/I
	Fan Type	--	Cross-flow	Cross-flow	Cross-flow	Cross-flow
	Fan Diameter Length(D×L)	mm	98×580	φ98×633.5	φ106×706	108×830
	Cooling Speed	r/min	1300/1200/1050/800	1350/1200/1050/850	1300/1150/1000/850	1200/1100/900/800
	Heating Speed	r/min	1300/1200/1050/900	1300/1150/1000/900	1250/1150/1050/900	1150/1000/900/850
	Fan Motor Power Output	W	20	20	35	35

Indoor Unit	Fan Motor RLA	A	0.09	0.25	0.35	0.35
	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 (LxDxW)	mm	578×22.8×266.7	635×22.8×306.3	715×25.4×304.8	850×25.4×342.9
	Swing Motor Model	--	MP24AA	MP24BA	MP35CJ	MP35CJ
	Swing Motor Power Output	W	1.5	1.5	2.5	2.5
	Fuse Current	A	3.15	3.15	3.15	3.15
	Set Temperature Range	°C	16~30	16~30	16~30	16~30
	Sound Pressure Level	dB (A)	39/35/32/25	41/38/35/31	45/43/38/34	45/43/37/35
	Sound Power Level	dB (A)	49/45/42/35	51/48/45/41	55/53/48/44	55/53/47/45
	Dimension (WxHxD)	mm	790×275×200	845×289×209	970×300×224	1078×325×246
	Dimension of Carton Box (LxWxH)	mm	863×268×352	918×278×364	1038×380×305	1145×410×335
	Net Weight	kg	9	10.5	13.5	17
	Gross Weight	kg	11	12.5	16.5	20.5
	Outdoor Unit Model	--	GWH09QB-K3NNA1J/O	GWH12QC-K3NNA1D/O	GWH18QD-K3NNA1D/O	GWH24QE-K3NNA1A/O
	Compressor Trademark	--	GREE	GREE	GREE	GREE
	Compressor Model	--	QXA-B098E050	QXA-B117C050	QXA-F184F050	QXA-F232F050
	Compressor Oil	--	RB68EP, FCV68D	RB68EP	RB 68EP	RB68EP
	Compressor Type	--	Rotary	Rotary	Rotary	Rotary
	Compressor LRA.	A	18.50	21.30	32.00	44.00
	Compressor RLA	A	3.60	4.40	6.50	8.40
	Compressor Power Input	W	795	960	1490	1930
	Compressor Overload Protector	--	Internal (UP3-01)	HPA-322	UP3-06C	/
	Fan Type	--	Axial-flow	Axial-flow	Axial-flow	Axial-flow
	Fan Diameter	mm	Φ394.5	394.5	460	520
	Fan Motor Speed	rpm	850	850	780	780
	Fan Motor Power Output	W	35	35	68	68
	Fan Motor RLA	A	0.37	0.29	0.75	0,75

Outdoor Unit	Fan Motor Capacitor	μF	2.5	2.5	3	3
	Outdoor Unit Air Flow Volume	m ³ /h	1600	1600	2800	2800
	Condenser Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	φ7	φ7.94	φ7.94	φ7
	Condenser Rows-fin Gap	mm	1-1.4	1-1.4	1-1.4	2-1.4
	Condenser Coil Length (LxDxW)	mm	730×12.7×495	697×19.05×506	809×19×660	613×38.1×660
	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	5.0
	Cooling Operation Ambient Temperature Range	°C	18~48	18~48	18~48	18~48
	Heating Operation Ambient Temperature Range	°C	-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	--	IP24	IP24	IP24	IP24
	Sound Pressure Level	dB (A)	48	51	54	56
	Sound Power Level	dB (A)	58	61	64	66
	Dimension (WxHxD)	mm	776×540×320	776×540×320	913×680×378	913×680×378
	Dimension of Carton Box (LxWxH)	mm	820×355×580	820×355×580	994×428×725	994×428×725
	Net Weight	kg	29	29	46.5	52
	Gross Weight	kg	31.5	31.5	50.5	56
	Refrigerant	--	R410A	R410A	R410A	R410A
Refrigerant Charge	kg	0.76	0.77	1.2	1.55	
Connection Pipe	Length	m	5	5	5	5
	Gas Additional Charge	g/m	20	20	15	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
Loading Quantity	20GP	unit	108	105	63	55
	40GP	unit	224	212	132	120
	40HQ	unit	262	245	152	136