



► **Soft start**

Through adjusting the startup voltage and capacitor of compressor to lower its starting current, enabling the compressor to start smoothly, restraining the impact on distribution network and postponing the wastage on compressor.



► **Intelligent auto restart**

Upon power is resumed after power failure, the units in the whole building will not be restarted at the same time to avoid impact of electricity net. (Especially suitable for engineering project)



► **Adjustable memory**

Adjustable memory function is available through controlling remote controller, conduct setting flexibly according to user' s usage habit.



Lomo





System Model No			GWH09QB-K3DNA1G	GWH12QC-K3DNA1G	GWH18QD-K3DNA1G	GWH24QE-K3DNA1G
Cooling Capacity		kW	2.6	3.5	5.13	6.7
Heating Capacity		kW	2.8	3.67	5.27	7.25
Power Supply	Rated Voltage	V~	220-240 1 phase	220-240 1 phase	220-240 1 phase	220-240 1 phase
	Rated Frequency	Hz	50	50	50	50
	Recommended fuse size	A	13	13	16	20
Power Supply Connection		--	Outdoor	Outdoor	Outdoor	Outdoor
Power cable size		mm ²	1.50	1.50	1.50	2.50
Interconnecting cable		N	3 core + E (0.75mm ²)	3 core + E (0.75mm ²)	3 core + E (0.75mm ²)	3 core + E (0.75mm ²)
Min. Cooling Capacity		kW	0.45	0.6	1.26	2
Max. Cooling Capacity		kW	3.26	3.96	6.6	8.2
Min. Heating Capacity		kW	0.45	0.60	1.12	2
Max. Heating Capacity		kW	4.1	5.13	6.8	8.5
Cooling Power Input		W	805	1084	1580	1875
Min. Cooling Power Input		W	200	220	380	400
Max. Cooling Power Input		W	1420	1550	2450	3700
Heating Power Input		W	755	989	1410	1945
Min. Heating Power Input		W	200	220	350	450
Max. Heating Power Input		W	1550	1650	2600	3800
Cooling Current		A	3.7	5.2	7.0	8.32
Heating Current		A	3.4	5.0	6.3	8.63
EER		W/W	3.23	3.229	3.25	3.57
COP		W/W	3.709	3.711	3.74	3.73
SEER		--	6.10	6.10	6.10	6.30
Energy Class		--	A++ - Cooling / A+ - Average / A+++ - Warmer / B - Colder	A++ - Cooling / A+ - Average / A+++ - Warmer / B - Colder	A++ - Cooling / A+ - Average / A+++ - Warmer / B - Colder	A++ - Cooling / A+ - Average / A+++ - Warmer / C - Colder

System Model No			GWH09QB-K3DNA1G	GWH12QC-K3DNA1G	GWH18QD-K3DNA1G	GWH24QE-K3DNA1G
Air Flow Volume		m ³ /h	560/490/ /430/ /330/	660/540/ /460/ /330/	800/720/610/520	1150/1050/950/850
Indoor Unit	Indoor unit model	--	GWH09QB-K3DNA1G/I	GWH12QC-K3DNA1G/I	GWH18QD-K3DNA1G/I	GWH24QE-K3DNA1G/I
	Set Temperature Range	°C	16~30	16~30	16~30	16~30
	Sound Pressure Level	dB (A)	39/36/32/26	42/39/33/26	46/42/39/36	48/45/42/39
	Sound Power Level	dB (A)	55/52/44/38	57/53/45/42/	58/54/51/48	64/59/56/53
	Dimension (W×H×D)	mm	790×275×200	845×289×209	970×300×224	1078×325×246
	Net Weight	kg	9	10	13.5	17
Outdoor Unit	Outdoor Unit Model	--	GWH09QB-K3DNA1G/O	GWH12QC-K3DNA1G/O	GWH18QD-K3DNA1G/O	GWH24QE-K3DNA1G/O
	Cooling Operation Ambient Temperature Range	°C	-15~43	-15~43	-15~43	-15~43
	Heating Operation Ambient Temperature Range	°C	-22~24	-22~24	-22~24	-20~24
	Sound Pressure Level	dB (A)	52	53	56	60
	Sound Power Level	dB (A)	61	62/ /	63	68
	Dimension (W×H×D)	mm	776×540×320	776×540×320	955×700×396	955×700×396
	Net Weight	kg	28	29	45	53
	Refrigerant	--	R410A	R410A	R410A	R410A
Refrigerant Charge	kg	0.7	0.85	1.3	1.9	
Pipe sizing & Refrigerant	Additional Charge (R410A)	g/m	20	20	20	50
	Liquid Pipe size	inch	1/4"	1/4"	1/4"	1/4"
	Gas pipe size	inch	3/8"	3/8"	1/2"	5/8"
	Max pipe Height	m	10	10	10	10
Max pipe Length	m	20	20	25	25	
System Price			£590	£670	£825	£1,290
I/R Controller			Included	Included	Included	Included