

Multi Split Air Conditioner Outdoor Unit					
Model	Unit	GWHD42NK3AO	GWHD36NK3BO	GWHD28NK3KO	GWHD24NK3MO
Cooling Capacity	kW	12.10	10.50	8.00	7.10
Min. Cooling Capacity	kW	2.1	2.1	2.2	2.2
Max. Cooling Capacity	kW	13.6	11	10.2	8.5
Heating Capacity	kW	13.00	12	9.30	8.50
Min. Heating Capacity	kW	2.6	2.6	3.6	3.6
Max. Heating Capacity	kW	14	13	10.2	8.8
EER	W/W	3.37	3.00	3.15	3.26
COP	W/W	3.66	3.20	3.735	3.72
Air Flow Volume	m ³ /h	5500	5200	4000	4000
Sound Pressure Level	dB(A)	54	57	58	58
Sound Power Level	dB(A)	64	67	65	65
Rated Voltage	V	220-240	220-240	220-240	220-240
Rated Frequency	Hz	50	50	50	50
Phases	—	1	1	1	1
Cross-sectional Area of Power Cable Conductor	mm ²	4.00	4.00	2.50	2.50
Recommended Power Cable(Core)	N	3	3	3	3
Circuit Breaker	A	30	32	30	30
Cooling Power Input	kW	3.59	3.50	2.54	2.18
Heating Power Input	kW	3.55	3.75	2.49	2.28
Rated Power Input	kW	5.30	4.88	3.58	2.87
Cooling Current Input	A	16.43	15.42	11.27	9.67
Heating Current Input	A	16.22	15.20	11.04	10.11
Rated Current	A	23.50	21.65	15.88	12.73
Compressor Type1	—	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary
Compressor Capacity	W	9880	10100	7150	7150
Compressor Power Input	W	3010	3300	2550	2550
Compressor Rated Load Amp (RLA)	A	13.50	14	11.5	11.5
Compressor Crankcase	W	40	40	25	25
Compressor Refrigerant Oil Type	—	PVE<FV50S>	RB68ER	RB68EP	RB68EP
Compressor Refrigerant Oil Charge Volume	L	0.87	0.95	0.95	0.950
Cooling Operation Ambient Temperature Range	°C	-5~48	-5~48	-15~43	-15~43
Heating Operation Ambient Temperature Range	°C	-15~27	-15~27	-20~24	-20~24
Maximum drive IDU NO.	unit	4	4	4	3
Refrigerant	—	R410A	R410A	R410A	R410A
Refrigerant Charge	kg	4.8	4.3	2.4	2.2
Throttling Method	—	Electronic Expansion Valve	Electronic Expansion Valve	Electronic expansion valve	Electron expansion valve
Dimension of Outline(WxDxH)	mm	1015x440x1103	1015x440x1103	980x427x790	980x427x790
Net Weight	kg	102.0	94.0	69.0	68.0
Connection Pipe Connection Method	—	Flare Connection	Flare Connection	Flare Connection	Flare Connection
Not Additional Gas Connection Pipe Length	m	50	40	40	30
Connection Pipe Gas Additional Charge	g/m	22	22	20	20
Liquid Connection pipe 1	mm	1/4"	1/4"	1/4"	1/4"
Liquid Connection pipe 2	mm	1/4"	1/4"	1/4"	1/4"
Liquid Connection pipe 3	mm	1/4"	1/4"	1/4"	1/4"
Liquid Connection pipe 4	mm	1/4"	1/4"	1/4"	/
Liquid Connection pipe 5	mm	3/8"	--	/	/
Gas Connection pipe 1	mm	3/8"	3/8"	3/8"	3/8"
Gas Connection pipe 2	mm	3/8"	3/8"	3/8"	3/8"
Gas Connection pipe 3	mm	1/2"	1/2"	3/8"	3/8"
Gas Connection pipe 4	mm	1/2"	5/8"	3/8"	/
Gas Connection pipe 5	mm	5/8"	--	/	/
Max. Height Difference between indoor units	m	7.5	7.5	10	10
Max. Height Difference between Indoor and outdoor unit	m	15	15	10	10
Max. pipe length from outdoor to furthest indoor unit	m	25	20	20	20
Max. Total Pipe Length	m	80	70	70	60