

Outdoor Unit

1 drive 2 Suggested Combination Table G AM2-H18/4DR3C

1 UNIT	2 UNIT	
9	7+7	9+12
12	7+9	-
18	7+12	-
-	9+9	-

1 drive 3 Suggested Combination Table G-AM3-H27/4DR3C

1 UNIT	2 UNIT		3 UNIT	
18	7+7	9+12	7+7+7	-
24	7+9	9+18	7+7+9	-
-	7+12	12+12	7+7+12	-
-	7+18	-	7+9+9	-
-	9+9	-	9+9+9	-

1 UNIT	2 UNIT		3 UNIT	
18	7+7	9+12	7+7+7	7+9+18
24	7+9	9+18	7+7+9	7+12+12
-	7+12	9+24	7+7+12	9+9+9
-	7+18	12+12	7+7+18	9+9+12
-	7+24	12+18	7+9+9	9+12+12
-	9+9	-	7+9+12	-

1 drive 4 Suggested Combination Table G-AM4-H36/4DR3

1 UNIT	2 UNIT		3 UNIT				4 UNIT		
18	7+12	12+12	7+7+7	7+9+18	9+9+12	12+12+12	7+7+7+7	7+7+9+18	7+9+12+18
24	7+18	12+18	7+7+9	7+9+24	9+9+18	12+12+18	7+7+7+9	7+7+12+12	7+12+12+12
-	7+24	12+24	7+7+12	7+12+12	9+9+24	-	7+7+7+12	7+7+12+18	9+9+9+9
-	9+9	18+18	7+7+18	7+12+18	9+12+12	-	7+7+7+18	7+9+9+9	9+9+9+12
-	9+12	18+24	7+7+24	7+12+24	9+12+18	-	7+7+7+24	7+9+9+12	9+9+9+18
-	9+18	-	7+9+9	7+18+18	9+12+24	-	7+7+9+9	7+9+9+18	9+9+12+12
-	9+24	-	7+9+12	9+9+9	9+18+18	-	7+7+9+12	7+9+12+12	9+12+12+12

1 drive 5 Suggested Combination Table G-AM5-H42/4DR3C

1 UNIT	2 UNIT		3 UNIT			4 UNIT				5 UNIT				
18	7+18	18+18	7+7+7	7+9+24	9+9+18	12+12+18	7+7+7+7	7+7+12+12	7+9+12+24	12+12+12+12	7+7+7+7+7	7+7+7+9+24	7+7+12+12+12	9+9+9+9+18
24	7+24	18+24	7+7+9	7+12+12	9+9+24	12+12+24	7+7+7+9	7+7+12+18	7+12+12+12	12+12+12+18	7+7+7+7+9	7+7+7+12+12	7+9+9+9+9	9+9+9+12+12
-	9+12	24+24	7+7+12	7+12+18	9+12+12	12+18+18	7+7+7+12	7+7+12+24	9+9+9+9	-	7+7+7+7+12	7+7+7+12+18	7+9+9+9+12	9+9+12+12+12
-	9+18	-	7+7+18	7+12+24	9+12+18	12+18+24	7+7+7+18	7+9+9+9	9+9+9+12	-	7+7+7+7+18	7+7+9+9+9	7+9+9+9+18	-
-	9+24	-	7+7+24	7+18+18	9+12+24	18+18+18	7+7+7+24	7+9+9+12	9+9+9+18	-	7+7+7+7+24	7+7+9+9+12	7+9+9+12+12	-
-	12+12	-	7+9+9	7+18+24	9+18+18	-	7+7+9+9	7+9+9+18	9+9+12+12	-	7+7+7+9+9	7+7+9+9+18	7+9+12+12+12	-
-	12+18	-	7+9+12	9+9+9	9+18+24	-	7+7+9+12	7+9+12+12	9+12+12+12	-	7+7+7+9+12	7+7+9+12+12	9+9+9+9+9	-
-	12+24	-	7+9+18	9+9+12	12+12+12	-	7+7+9+18	7+9+12+18	9+12+12+18	-	7+7+7+9+18	7+7+9+12+18	9+9+9+9+12	-



Outdoor Unit

Specifications

	G-AM2-H14	G-AM2-H18/	G-AM3-H21	G-AM3-H27	G-AM4-H36	G-AM5-H42
System Format	1 drive 2	1 drive 2	1 drive 3	1 drive 3	1 drive 4	1 drive 5
Cooling Capacity (BTU/h)	13989(6142-15388)	18084(6824-19892)	21154(7506~22895)	26955(7848~29650)	35826(8530~37532)	40944(9451~43332)
Cooling Capacity (Kw)	4.1(1.8-4.51)	5.3(2.0-5.83)	6.2(2.2~6.71)	7.9(2.3~8.69)	10.50(2.5~11.0)	12(2.77~12.7)
Heating Capacity (BTU/h)	16378(6995-18015)	19107(7541-21017)	22519(8155~24771)	27978(8359~30776)	37532(9110~38214)	44356(10100~44800)
Heating Capacity (Kw)	4.5(2.05-5.28)	5.6(2.21-6.16)	6.6(2.39~7.26)	8.2(2.45~9.02)	11.00(2.67~11.2)	13(2.96~13.1)
Power Supply V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
Cooling Power Input (W)	1240(198-2100)	1640(280-2300)	1920(350-2800)	2440(560-3400)	3950(680~4930)	4450(750~5450)
Heating Power Input (W)	1150(198-2100)	1480(280-2300)	1780(350-2800)	2210(560-3400)	3150(530~3850)	3750(600~4350)
Rated Current (cooling&heating) (A)	5.4/5	7.13/6.43	8.35/7.74	10.61/9.61	17.5/13.96	19.72/16.62
Max current (A)	12	13	14	16.5	23.5	24.5
Max power (Kw)	2.76	3	3	3.8	5.3	5.6
SEER/SCOP (W/W)	6.18/4.13(J)	6.18/4.05(J)	6.13/4.2(J)	6.15/4.16(J)	6.15/4.12(J)	6.14/4.14(J)
Energy Rate	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
DC Inv.Compressor - Quantity	1	1	1	1	1	1
DC Inv.Compressor - Type	Rotary	Rotary	Twin Rotary	Twin Rotary	Rotary	Rotary
DC Inv.Compressor - Brand	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
DC Inv.Compressor - Capacity	3470	4345	4345	7555	10010	10010
DC Inv.Compressor - Input	758	1100	1100	2050	2765	2765
DC Inv.Compressor - Rated Current	4.65	6.75	6.75	9.35	5.38	5.38
DC Inv.Compressor - Operating Frequency	60	60	60	60	60	60
Outdoor DC Inverter Fan Motor - Type	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter
Outdoor DC Inverter Fan Motor - Brand	WELLING	WELLING	WOLONG	WOLONG	WOLONG	WOLONG



Outdoor Unit

Specifications

Outdoor DC Inverter Fan Motor - Quantities	1	1	1	1	1	1
Outdoor DC Inverter Fan Motor - Input Power (W)	60	60	85	85	150	150
Outdoor DC Inverter Fan Motor - Output Power (W)	40	40	65	65	120	120
Outdoor DC Inverter Fan Motor - Speed (r/min)	900	900	850	850	940	940
Fan Quantity	1	1	1	1	1	1
Air Flow Volume (CFM)	1529	1529	2412	2412	2353	2471
Air Flow Volume (m3/h)	2600	2600	4100	4100	4000	4200
Sound Pressure Noise Level (dB(A))	53	54	56	57	61	61
Sound Power Noise Level (dB(A))	63	64	66	67	68	68
Net Dimension (W*D*H) (mm)	785x300x55	785×300×555	900×350×700	900×350×700	985×395×808	985×395×808
Net (kg)	30	30	41.5	44.5	74	75
Refrigerant - Type	R32	R32	R32	R32	R32	R32
Refrigerant - Charged Volume (kg)	1.00	1.03	1.15	1.45	2.3	2.3
Refrigerant - Additional charge	25	25	25	25	25	25
Piping - Liquid Side	2×6.35(1/4)	2×6.35(1/4)	3×6.35(1/4)	3×6.35(1/4)	4×6.35(1/4)	5×6.35(1/4)
Piping - Gas Side	2×9.52(3/8)	2×9.52(3/8)	3×9.52(3/8)	3×9.52(3/8)	4×9.52(3/8)	5×9.52(3/8)
Piping - Max. length for all rooms (m)	40	40	60	60	80	80
Piping - Max. length for one IU (m)	25	25	30	30	35	35
Piping - Max. height difference between IU and OU (m)	15	15	15	15	15	15
Piping - Max. height difference between IUs (m)	10	10	10	10	10	10
Ambient Temp (Cooling/Heating) (°C)	-15~-52°C/-15~-24°C	-15~-52°C/-15~-24°C	-15~-52°C/-15~-24°C	-15~-52°C/-15~-24°C	-15~-52°C/-15~-24°C	-15~-52°C/-15~-24°C

