



Specifications and data listed are subjected to change without notice due to constant product and engineering improvements. Always refer to equipment nameplate for applicable exact information.

GLACIER SPECIFICATION SHEET FOR INVERTER AIR CONDITIONER

Model type	Normal Cassette	Cassette	Cassette	Ceiling floor	Cassette	Ceiling floor	Cassette	Ceiling floor	
Size	R32 9K	R32 9K	R32 9K	R32 9K	R32 42K	R32 42K	R32 55K	R32 55K	
Model Number	GRL-18C4RH4DV(02)	GRL-36C4RH4DV(02)	GRL-36C4RH4DV(02)	GRL-36C4RH4DV(02)	GRL-42C4RH4DV(02)	GRL-42C4RH4DV(02)	GRL-55C4RH4DV(02)	GRL-55C4RH4DV(02)	
Indoor unit	GRL-18C4RH4DV(02)	GRL-36C4RH4DV(02)	GRL-36C4RH4DV(02)	GRL-36C4RH4DV(02)	GRL-42C4RH4DV(02)	GRL-42C4RH4DV(02)	GRL-55C4RH4DV(02)	GRL-55C4RH4DV(02)	
Outdoor unit	GRL-36RH4DV(02)	GRL-36RH4DV(02)	GRL-36RH4DV(02)	GRL-36RH4DV(02)	GRL-42RH4DV(02)	GRL-42RH4DV(02)	GRL-55RH4DV(02)	GRL-55RH4DV(02)	
Outdoor unit	7850W 1.5(1)HP/20A 7-3	8450W 1.5(1)HP/20A 7-3	8100W 1.5(1)HP/20A 7-3	8100W 1.5(1)HP/20A 7-3	9100W 1.5(1)HP/20A 7-3	9100W 1.5(1)HP/20A 7-3	10100W 1.5(1)HP/20A 7-3	10100W 1.5(1)HP/20A 7-3	
Type	heating pump	heating pump	heating pump	heating pump	heating pump	heating pump	remote controller	remote controller	
Control type	remote controller	remote controller	remote controller	remote controller	remote controller	remote controller	remote controller	remote controller	
Declared cooling capacity	18000(2115~19050)	24000(2500~2500)	36000(1000~4200)	36000(1000~4200)	42000(1200~4000)	42000(1200~4000)	55000(1400~4700)	55000(1400~4700)	
Declared heating capacity	18000(2600~2600)	26000(2600~2600)	40000(1200~4600)	40000(1200~4600)	46000(1300~5100)	46000(1300~5100)	60000(4100~16710)	60000(4100~16710)	
Declared cooling capacity	W	W	W	W	W	W	W	W	
Declared heating capacity	W	W	W	W	W	W	W	W	
Power/Inch	W	W	W	W	W	W	W	W	
SEER declared	6.3	6.2	6.2	6.1	6.1	6.1	6.1	6.1	
Energy class	A++	A++	A++	A++	A++	A++	A++	A++	
SEER/Power Average	W	W	W	W	W	W	W	W	
SEER/Average declared	W	W	W	W	W	W	W	W	
Energy Class (Average)	A+	A+	A+	A+	A+	A+	A+	A+	
Declare capacity (10°C)	W	W	W	W	W	W	W	W	
Back-up heating capacity (10°C)	W	W	W	W	W	W	W	W	
Annual energy consumption	W/kWh	W/kWh	W/kWh	W/kWh	W/kWh	W/kWh	W/kWh	W/kWh	
Average	294	402	596	605	700	694	923	931	
Misture removal	Liters/h	1.5	2.0	3.0	4.0	4.0	5.4	5.4	
Indoor sound power (SHM/LMA)	dB(A)	55(24/24/44)	59(24/24/44)	63(24/24/44)	63(24/24/44)	63(24/24/44)	64(24/24/44)	64(24/24/44)	
Indoor sound power (Standard rating condition)	dB(A)	52	56	60	61	61	63	63	
Outdoor sound power (Standard rating condition)	dB(A)	62	67	67	67	68	68	68	
Indoor sound pressure (SHM/LMA)	dB(A)	45(24/24/36)	49(24/24/37)	53(24/24/43)	53(24/24/43)	53(24/24/43)	54(24/24/44)	54(24/24/44)	
Indoor sound pressure (Standard rating condition)	dB(A)	42	46	50	51	51	53	53	
Outdoor sound pressure (Standard rating condition)	dB(A)	57	62	62	62	63	63	63	
Outdoor sound pressure (Standard rating condition)	dB(A)	57	62	62	62	63	63	63	
Power or supply	Indoor : 220-240V~60Hz/1P Outdoor : 220-240V~60Hz/1P	Indoor : 220-240V~60Hz/1P Outdoor : 220-240V~60Hz/1P	Indoor : 220-240V~60Hz/1P Outdoor : 220-240V~60Hz/1P	Indoor : 220-240V~60Hz/1P Outdoor : 220-240V~60Hz/1P	Indoor : 220-240V~60Hz/1P Outdoor : 220-240V~60Hz/1P	Indoor : 220-240V~60Hz/1P Outdoor : 220-240V~60Hz/1P	Indoor : 220-240V~60Hz/1P Outdoor : 220-240V~60Hz/1P	Indoor : 220-240V~60Hz/1P Outdoor : 220-240V~60Hz/1P	Indoor : 220-240V~60Hz/1P Outdoor : 220-240V~60Hz/1P
Power or supply side	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	
Voltage range	V	V	V	V	V	V	V	V	
Declared Operating current	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	
Heating Operating current	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	
Cooling Power consumption	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	
Heating Power consumption	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	
Max. power consumption	W	W	W	W	W	W	W	W	
Max. current	A	A	A	A	A	A	A	A	
Refrigerating System									
Number of row	2	2	2	2	2	2	2	2	
Fin spacing	mm	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
Fin material	aluminum	aluminum	aluminum	aluminum	aluminum	aluminum	aluminum	aluminum	
Tube outside diameter	mm	7	7	7	7	7	7	7	
Tube material	copper	copper	copper	copper	copper	copper	copper	copper	
Cat length x height x width	mm	200(2)127x14	200(2)127x14	200(2)127x14	200(2)127x14	200(2)127x14	200(2)127x14	200(2)127x14	
Brand	Katburg	Katburg	Katburg	Katburg	Katburg	Katburg	Katburg	Katburg	
Model	ZVW6E-ES1	ZVW6E-ES1	RD10H-E1	RD10H-E1	RD10H-E1	RD10H-E1	RD10H-E1	RD10H-E1	
Output	W	80	100	100	100	100	100	100	
Indoor fan type	Propeller fan	Propeller fan	Propeller fan	Propeller fan	centrifugal fan	centrifugal fan	centrifugal fan	centrifugal fan	
Indoor air circulation	heating/cooling	heating/cooling	heating/cooling	heating/cooling	heating/cooling	heating/cooling	heating/cooling	heating/cooling	
Speed SHM/Max	rpm	600/1000/1500	600/1000/1500	600/1000/1500	600/1000/1500	600/1000/1500	600/1000/1500	600/1000/1500	
Number of row	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Fin spacing	mm	1.3	1.4	1.4	1.4	1.4	1.4	1.4	
Fin material	aluminum	aluminum	aluminum	aluminum	aluminum	aluminum	aluminum	aluminum	
Tube outside diameter	mm	9.5	9.5	9.5	9.5	9.5	9.5	9.5	
Tube material	copper	copper	copper	copper	copper	copper	copper	copper	
Cat length x height x width	mm	842(97)136.4	920(97)136.4	920(97)136.1	920(97)136.1	920(97)136.1	1112(97)136.4	1112(97)136.4	
Brand	ZVW6E-ES1	ZVW6E-ES1	ZVW6E-ES1	ZVW6E-ES1	ZVW6E-ES1	ZVW6E-ES1	ZVW6E-ES1	ZVW6E-ES1	
Model	ZVW6E-ES1	ZVW6E-ES1	ZVW6E-ES1	ZVW6E-ES1	ZVW6E-ES1	ZVW6E-ES1	ZVW6E-ES1	ZVW6E-ES1	
Output	W	80	100	100	100	100	100	100	
Indoor fan type	Propeller fan	Propeller fan	Propeller fan	Propeller fan	Propeller fan	Propeller fan	Propeller fan	Propeller fan	
Indoor air circulation	heating/cooling	heating/cooling	heating/cooling	heating/cooling	heating/cooling	heating/cooling	heating/cooling	heating/cooling	
Speed	rpm	770	880	930	930	930	930	930	
Refrigerating System									
Refrigerant type/Charge/GWP/CO2 equivalent	R32/0.95kg/675/0.64tonnes	R32/1.35kg/675/0.91tonnes	R32/1.0kg/675/1.41tonnes	R32/1.0kg/675/1.41tonnes	R32/2.0kg/675/1.48tonnes	R32/2.0kg/675/1.48tonnes	R32/2.0kg/675/1.48tonnes	R32/2.0kg/675/1.48tonnes	
Type	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	
Model	KRM44023J-FZ3	C-GR1280AANF	KTR24024JUMT	KTR24024JUMT	KTR24024JUMT	KTR24024JUMT	GTH42024JRED	GTH42024JRED	
External Static Pressure(Rated)	Pa	0	0	0	0	0	0	0	
External Static Pressure(Range)	Pa	0	0	0	0	0	0	0	
Connections									
Connecting Wiring	Cone x Size	outside : 3*2.5mm/ outside to indoor : 5*1.5mm	outside : 3*2.5mm/ outside to indoor : 5*1.5mm	outside : 3*2.5mm/ outside to indoor : 5*1.5mm	outside : 3*2.5mm/ outside to indoor : 5*1.5mm	outside : 3*2.5mm/ outside to indoor : 5*1.5mm	outside : 3*2.5mm/ outside to indoor : 5*1.5mm	outside : 3*2.5mm/ outside to indoor : 5*1.5mm	
Expansion device	Gas	Capillary +DSV	Capillary +DSV	Capillary +DSV	Capillary +DSV	Capillary +DSV	Capillary +DSV	Capillary +DSV	
Connecting Pipe	Gas	3/8"	1/2"	3/8"	3/8"	3/8"	3/8"	3/8"	
Others	Liquid	inches	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	
Application area	sq ft	20-35	27-45	39-71	39-71	50-95	50-95	55-105	
Max. refrigerant pipe length	m	30	30	50	50	50	60	60	
Max. difference in wall	m	15	15	25	25	25	30	30	
Operation temperature range	°C	15-31	15-31	15-31	15-31	15-31	15-31	15-31	
Ambient temperature range	°C	Indoor : Cooling : 15-52/Heating : 15-24	Cooling : 15-52/Heating : 15-24	Cooling : 15-52/Heating : 15-24	Cooling : 15-52/Heating : 15-24	Cooling : 15-52/Heating : 15-24	Cooling : 15-52/Heating : 15-24	Cooling : 15-52/Heating : 15-24	
Indoor	°C	Cooling : 17-30/Heating : 0-30	Cooling : 17-30/Heating : 0-30	Cooling : 17-30/Heating : 0-30	Cooling : 17-30/Heating : 0-30	Cooling : 17-30/Heating : 0-30	Cooling : 17-30/Heating : 0-30	Cooling : 17-30/Heating : 0-30	
Outdoor	°C	8-40/40-24.5	8-40/40-24.5	8-40/40-24.5	8-40/40-24.5	8-40/40-24.5	8-40/40-24.5	8-40/40-24.5	
Net dimensions (W x H x D)	mm	780x950x327	840x950x342	910x804x378	910x804x378	910x804x378	1010x804x378	1010x804x378	
Indoor	mm	950x950x45	950x950x45	950x950x45	950x950x45	950x950x45	950x950x45	950x950x45	
Outdoor	mm	23	24	26	26	26	28	28	
Net weight	kg	30	35	35	35	35	35	35	
Packing dimensions (W x H x D)	mm	935x935x305	935x935x305	935x935x305	935x935x305	935x935x305	1170x748x305	1170x748x305	
Indoor	mm	950x950x45	950x950x45	950x950x45	950x950x45	950x950x45	950x950x45	950x950x45	
Outdoor	mm	1055x1055x90	1055x1055x90	1055x1055x90	1055x1055x90	1055x1055x90	1055x1055x90	1055x1055x90	
# of pipe	mm	/	/	/	/	/	/	/	
Gross weight	kg	27	31	31	31	31	31	31	
Indoor	kg	43	43	43	43	43	43	43	
Outdoor	kg	0	0	0	0	0	0	0	
Leading Capacity w. pipe	40% (COEFFICIENT)	192	192	192	192	192	192	192	
Leading capacity w. pipe	40% (COEFFICIENT)	178	190	190	190	190	190	190	