



FULL DC INVERTER **R32**
REFRIGERANT

TECHNICAL SPECIFICATIONS:

INDOOR UNIT MODEL		GW09-6DCR-I	GW12-6DCR-I	GW18-6DCR-I
WHOLE PART SECTION				
Rated horse power	HP	1.0	1.5	2.0
	W	2900	3600	5000
Cooling capacity	<min/max>	<300~3650>	<600~4300>	<1350~5750>
	kJ/h	10439.23	12955.4	17998.3
	<min/max>	<1080.32~13138.97>	<2159.8~15478.54>	<4859.33~20699.1>
CSPF		7.01	6.50	7.30
Star Rating		★★★★★	★★★★★	★★★★★
EER	(kJ/h)/W	15.2	14.76	13.79
Power supply	Volts <min/max>	220 <198/242>	220 <198/242>	220 <198/242>
Frequency	Hz	60	60	60
Phases	--	1	1	1
Cooling Power input	W <min/max>	688 <130~1100>	878 <220~1500>	1305 <300~2200>
Cooling Current	A	3.7	4.0	6.25
Rated input	W	1100	1500	2200
Rated current	A	5.6	6.8	10
Airflow volume (SS/H/MH/M/ML/L/SL)	m³/h	700/630/560/490/420/390/360	720/620/490/390	950/850/810/750/680/610/520
Dehumidifying volume	L/h	0.80	1.40	1.80
Application area	m²	12-18	16-20	21-26
FAN SECTION				
Fan Diameter Length(D×L)	mm	φ98×630	φ98×630	φ106×706
Cooling speed	r/min	1350/1200/1000/650	1450/1200/1050/750	11400/1300/1200/1100/1000/ 900/800/550
Fan Motor Power Output	W	15	15	50
Fan Motor RLA	A	0.22	0.22	0.24
Fan Motor Capacitor	μF	-	-	-
EVAPORATOR SECTION				
Evaporator Pipe Diameter	mm	φ5	φ5	φ7
Evaporator Row-fin Gap	mm	2-1.4	2-1.4	2-1.4
Coil Length (L×D×W)	mm	634×22.8×304.8	635×22.8×304.8	715×25.4×304.8
PARAMETER INFORMATION				
Swing Motor Power Output	W	1.5/1.5/1.5	1.5/1.5/1.5	2.5/1.5
Fuse Current	A	3.15	3.15	3.15
Set Temperature Range	°C	16~30	16~30	16~30
INTERIOR SIDE SECTION				
Sound pressure level (SS/H/MH/M/ML/L/SL)	dB(A)	42/38/36/33/28/24/20	45/39/35/25	48/45/43/40/38/36/34
Actual dimension (W×H×D)	mm	825×293×196	825×293×196	972×300×225
Package dimension (L×W×H)	mm	875×365×268	875×365×268	1022×374×299
Stacked Layers	-	8	8	7
Net weight	kg	9.5	9.5	13
Gross weight	kg	11.5	11.5	15.5

PRODUCT WARRANTY: 12 years on compressor, 3 years on parts and 1 year on service.



TECHNICAL SPECIFICATIONS:

OUTDOOR UNIT MODEL		GW09-6DCR-O	GW12-6DCR-O	GW18-6DCR-O
COMPRESSOR SECTION				
Compressor RLA	A	2.56	4.40	4.00
Compressor power input	W	756.6	-	870
FAN SECTION				
Fan Diameter	mm	400	420	445
Fan Motor Speed	rpm	900	900	1000
Fan Motor Power Output	W	30	30	40
Fan Motor RLA	A	0.40	0.40	0.7
Fan Motor Capacitor	μF	-	-	-
Outdoor Unit Air Flow Volume	m³/h	1950	2200	3000
CONDENSER SECTION				
Condenser Pipe Diameter	mm	φ7.94	φ7	φ7
Condenser Rows-fin Gap	mm	1-1.2	2-1.4	2-1.4
Coil Length (L×D×W)	mm	666×19.05×527	761.5×38.1×528	865×38.1×528
PARAMETER INFORMATION				
Permissible Excessive Operating Pressure for the Discharge Side	P.S.I	623.662	623.662	623.662
Permissible Excessive Operating Pressure for the Suction Side	P.S.I	362.594	362.594	362.594
Maximum Allowable Pressure	P.S.I	623.662	623.662	623.662
Cooling Operation Ambient Temperature Range	°C	18~43	18~43	18~43
EXTERIOR SIDE SECTION				
Sound pressure level	dB(A)	50	54	57
Actual dimension (W×H×D)	mm	732×555×330	802×555×350	873×555×376
Package dimension (L×W×H)	mm	794×376×615	872×398×620	951×431×620
Stacked Layers	-	5	5	4
Net weight	kg	24	28.5	35
Gross weight	kg	26.5	31	38
Refrigerant	-	R32	R32	R32
Refrigerant Charge	kg	0.57	0.8	1
CONNECTION PIPE				
Length	m	5	5	5
Gas Additional Charge	g/m	12	12	12
Pipe Diameter	Liquid	mm	φ6.35	φ6.35
		inch	1/4	1/4
	Gas	mm	φ9.52	φ12.7
		inch	3/8	1/2
Maximum distance height	m	10	10	10
Maximum distance length	m	20	20	25
LOADING QUANTITY				
Loading Quantity 40'GP / 40'HQ	unit	213 / 259	182 / 219	159 / 183

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FUNCTION			
Automatic Operation	YES	YES	YES
Cooling	YES	YES	YES
Heating	NO	NO	NO
Dehumidify	YES	YES	YES
Fan	YES	YES	YES
Sleep Mode	Normal sleep mode	Normal sleep mode	Three kinds of sleep curve
Auto Swing(Vertical Auto Swing)	YES	YES	YES
Auto Swing(Horizontal Auto Swing)	YES	YES	YES
Auto Fan	YES	YES	YES
Quiet	NO	NO	YES
Anion	NO	NO	NO
Cold Plasma	YES	YES	YES
Intelligent Preheating	NO	NO	NO
Fresh Air	NO	NO	NO
Dry Anti-Mildew Design	YES	YES	YES
Several Optional Filters (eg:Active Carbon)	Optional	Optional	Optional
Auto Clean	YES	YES	YES
Timer	YES	YES	YES
Auto Restart	YES	YES	YES
Turbo	YES	YES	YES
Clock	YES	YES	YES
Temperature	YES	YES	YES
Soft Start	YES	YES	YES
Self Diagnosis	YES	YES	YES
Lock	YES	YES	YES
CO Detection	NO	NO	NO
CO2 Detection	NO	NO	NO
Filter Dirty Alarm	NO	NO	NO
Intelligent Open-Close Panel	NO	NO	NO
Compressor Electric Heater Function	NO	NO	NO
Chassis Electric Heater Function	NO	NO	NO
Quick Connector	NO	NO	NO
LCD (No Back Light)	YES	YES	YES
LCD (Back Light)	NO	NO	NO
LED	YES	YES	YES
Intelligent Defrosting	NO	NO	NO
Force Defrosting	NO	NO	NO
Auxiliary Electrical Heater	NO	NO	NO
Energy Saving	YES	YES	YES
8°C Heating Mode	NO	NO	NO
Turbo Cooling	YES	YES	YES
High-Voltage Electrostatic Dedust	NO	NO	NO
Low Ambient Cooling	NO	NO	NO
Low Ambient Heating	NO	NO	NO
Low Voltage Startup	YES	YES	YES
Standby	NO	NO	NO