



GW36-6DR-I



TECHNICAL SPECIFICATIONS:

INDOOR UNIT MODEL		GW09-6DR-I	GW12-6DR-I	GW18-6DR-I	GW24-6DR-I	GW28-6DR-I	GW36-6DR-I
WHOLE PART SECTION							
Rated horse power	HP	1.0	1.5	2.0	2.5	3.0	4.0
Cooling capacity	W	2638	3600	5275	7200	8000	11000
	<min/max>	<550~3100>	<1200~4200>	<1400~5800>	<1600~7600>	<1900~9800>	<1900~12100>
	kJ/h	9496.06	12958.57	18990	25917.55	28801.5	39562.5
	<min/max>	<1980.24~11158.74>	<4319.17~15118.15>	<5039.74~20878.45>	<5729.25~27357.21>	<6857.5~35237>	<6857.5~43571.5>
CSPF		4.20	4.41	4.80	5.00	6.17	5.50
Star Rating		★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
EER	(kJ/h)/W	11.16	11.16	11.52	11.88	12.96	11.63
Power supply	Volts <min/max>	230 <193/253>	230 <193/253>	230 <193/253>	220 <198/242>	220~240<185/264>	220~240<185/264>
Frequency	Hz	60	60	60	60	60	60
Phases	--	1	1	1	1	1	1
Cooling Power input	W <min/max>	850<200~1100>	1160<330~1600>	1650<390~2200>	2180<450~2450>	2222<730~3400>	3400<670~4300>
Cooling Current	A	3.8	5.3	7.5	10	10.5	16
Rated input	W	1100	1600	2200	2450	3400	4300
Rated current	A	5.8	8	10	11.4	15.5	20.5
Airflow volume (SS/H/MH/M/ML/L/SL)	m³/h	500/460/420/380/ 320/270/250	580/520/482/440/ 333/326/-	850/780/720/660/ 610/560/520	1250/1150/-/950/ -/700	1450/1100/1150/950/ 850/800/750	1600/1250/1200/1100/ 1000/900/800
Dehumidifying volume	L/h	0.80	1.40	1.80	2.50	3	3.50
Application area	m²	12-18	16-20	21-26	27-34	35-52	46-70
FAN SECTION							
Fan Diameter Length(D×L)	mm	φ93×505	φ93×580	φ106×706	φ108×830	φ108×830	φ108×522.7×2
Cooling speed	r/min	1300/1200/1120/1050/ 920/800/750	1350/1200/1120/1050/ 950/850/750	1350/1280/1200/1130/ 1050/980/900	1300/1200/1000/750	1500/1150/1100/1000/ 900/850/800	1500/1300/1200/1100/ 1000/950/850
Fan Motor Power Output	W	10	20	35	35	60	70
Fan Motor RLA	A	0.20	0.22	0.45	0.50	0.4	0.30
Fan Motor Capacitor	μF	1	1	2.5	3	-	-
EVAPORATOR SECTION							
Evaporator Pipe Diameter	mm	φ7.94	φ5	φ7	φ7	φ7	φ7
Evaporator Row-fin Gap	mm	1-1.2	2-1.4	2-1.4	2-1.4	2-1.4	2-1.3
Coil Length (L×D×W)	mm	508×19.05×254	584×22.8×266.7	715×25.4×304.8	845×25.4×381	850×25.4×342.9	1074×25.4×381
PARAMETER INFORMATION							
Swing Motor Power Output	W	1.5/1.5	1.5/1.5	1.5	1.5	1.5/1.5	1.5
Fuse Current	A	3.15	3.15	3.15	3.15	3.15	5
Set Temperature Range	°C	16~30	16~30	16~30	16~30	16~30	16~30
INTERIOR SIDE SECTION							
Sound pressure level (SS/H/MH/M/ML/L/SL)	dB(A)	40/37/35/33/ 29/25/24	41/37/35/33/ 30/27/24	47/45/43/41/ 39/36/34	50/48/-/42/-/37/-	51/45/44/41/ 38/36/34	57/51/49/47/ 43/41/37
Actual dimension (W×H×D)	mm	704×260×185	779×260×185	972×300×225	1080×325×245	1075×333×246	1350×326×253
Package dimension (L×W×H)	mm	753×332×258	828×332×258	1022×374×299	1145×400×330	1133×414×333	1441×421×367
Stacked Layers	-	8	8	7	7	7	7
Net weight	kg	7.5	8	13.5	16.5	16	20
Gross weight	kg	9	9.5	16	19.5	19	24.5

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



TECHNICAL SPECIFICATIONS:

OUTDOOR UNIT MODEL		GW09-6DR-O	GW12-6DR-O	GW18-6DR-O	GW24-6DR-O	GW28-6DR-O	GW36-6DR-O
COMPRESSOR SECTION							
Compressor RLA	A	1.95	4.40	4.80	3.80	4.3	4.90
Compressor power input	W	648	-	1000	1115	2119	2294
FAN SECTION							
Fan Diameter	mm	φ350	φ400	φ420	φ520	φ520	φ570
Fan Motor Speed	rpm	940±20	850	1000	800	850	850
Fan Motor Power Output	W	20	30	30	60	60	90
Fan Motor RLA	A	0.3	0.37	0.40	0.65	0.65	0.70
Fan Motor Capacitor	μF	1.5	2.5	-	3.5	-	-
Outdoor Unit Air Flow Volume	m³/h	1400	1950	2000	3600	3600	4500
CONDENSER SECTION							
Condenser Pipe Diameter	mm	φ5	φ5	φ7.94	φ5	φ7	φ7.94
Condenser Rows-fin Gap	mm	1-1.3	1-1.3	1-1.3	2-1.4	2-1.4	2-1.4
Coil Length (L×D×W)	mm	642×11.4×419	675×11.4×514.4	818×19.05×528	839×38.1×616	890×38.1×616	955×38.1×704
PARAMETER INFORMATION							
Permissible Excessive Operating Pressure for the Discharge Side	P.S.I	623.662	623.662	623.662	623.662	623.662	623.662
Permissible Excessive Operating Pressure for the Suction Side	P.S.I	362.594	362.594	362.594	362.594	362.594	362.594
Maximum Allowable Pressure	P.S.I	623.662	623.662	623.662	623.662	623.662	623.662
Cooling Operation Ambient Temperature Range	°C	18~43	18~43	18~43	18~43	18~43	18~43
EXTERIOR SIDE SECTION							
Sound pressure level	dB(A)	50	51	57	57	59	62
Actual dimension (W×H×D)	mm	710×450×293	732×555×330	802×555×350	958×660×402	958×660×402	1000×746×427
Package dimension (L×W×H)	mm	764×330×525	794×376×615	872×398×620	1032×456×737	1032×456×737	1080×483×810
Stacked Layers	-	5	5	5	4	4	3
Net weight	kg	19.5	23	27	39	44	56
Gross weight	kg	21.5	25.5	29.5	43.5	48.5	61
Refrigerant	-	R32	R32	R32	R32	R32	R32
Refrigerant Charge	kg	0.35	0.38	0.7	1	1.4	1.9
CONNECTION PIPE							
Length	m	5	5	5	5	5	5
Gas Additional Charge	g/m	12	12	12	12	12	40
Pipe Diameter	Liquid	mm	φ6	φ6	φ6.35	φ6.35	φ9.52
		inch	1/4	1/4	1/4	1/4	3/8
	Gas	mm	φ9.52	φ9.52	φ15.88	φ15.88	φ16
		inch	3/8	3/8	1/2	5/8	5/8
Maximum distance height	m	10	10	10	10	25	10
Maximum distance length	m	15	20	25	25	40	25
LOADING QUANTITY							
Loading Quantity 40'GP / 40'HQ	unit	318 / 359	228 / 266	171 / 200	121 / 140	121 / 140	84 / 102

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



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OUTDOOR UNIT MODEL	GW09-6DR-O	GW12-6DR-O	GW18-6DR-O	GW24-6DR-O	GW28-6DR-O	GW36-6DR-O
FUNCTION						
Automatic Operation	YES	YES	YES	YES	YES	YES
Cooling	YES	YES	YES	YES	YES	YES
Heating	NO	NO	NO	NO	NO	NO
Dehumidify	YES	YES	YES	YES	YES	YES
Fan	YES	YES	YES	YES	YES	YES
Sleep Mode	3 sleep curve	3 sleep curve	3 sleep curve	3 sleep mode	3 sleep mode	3 sleep curve
Auto Swing(Vertical Auto Swing)	YES	YES	YES	YES	YES	YES
Auto Swing(Horizontal Auto Swing)	NO	NO	NO	YES	YES	NO
Auto Fan	YES	YES	YES	YES	YES	YES
Quiet	YES	YES	YES	NO	NO	YES
Anion	NO	NO	NO	NO	NO	NO
Cold Plasma	NO	NO	NO	NO	NO	NO
Intelligent Preheating	NO	NO	NO	NO	NO	NO
Fresh Air	NO	NO	NO	NO	NO	NO
Dry Anti-Mildew Design	YES	YES	YES	YES	YES	YES
Several Optional Filters (eg:Active Carbon)	Optional	NO	NO	Optional	Optional	Optional
Auto Clean	YES	YES	YES	YES	YES	YES
Timer	YES	YES	YES	YES	YES	YES
Auto Restart	YES	YES	YES	YES	YES	YES
Turbo	YES	YES	YES	YES	YES	YES
Clock	YES	YES	YES	YES	YES	YES
Temperature	YES	YES	YES	YES	YES	YES
Soft Start	YES	YES	YES	YES	YES	YES
Self Diagnosis	YES	YES	YES	YES	YES	YES
Lock	YES	YES	YES	YES	YES	YES
CO Detection	NO	NO	NO	NO	NO	NO
CO2 Detection	NO	NO	NO	NO	NO	NO
Filter Dirty Alarm	NO	NO	NO	NO	NO	NO
Intelligent Open-Close Panel	NO	NO	NO	NO	NO	NO
Compressor Electric Heater Function	NO	NO	NO	NO	NO	NO
Chassis Electric Heater Function	NO	NO	NO	NO	NO	NO
Quick Connector	NO	NO	NO	NO	NO	NO
LCD (No Back Light)	YES	YES	YES	YES	YES	YES
LCD (Back Light)	NO	NO	NO	NO	NO	NO
LED	YES	YES	YES	YES	YES	YES
Intelligent Defrosting	NO	NO	NO	NO	NO	NO
Force Defrosting	NO	NO	NO	NO	NO	NO
Auxiliary Electrical Heater	NO	NO	NO	NO	NO	NO
Energy Saving	YES	YES	YES	YES	YES	YES
8℃ Heating Mode	NO	NO	NO	NO	NO	NO
Turbo Cooling	YES	YES	YES	YES	YES	YES
High-Voltage Electrostatic Dedust	NO	NO	NO	NO	NO	NO
Low Ambient Cooling	NO	NO	NO	NO	NO	NO
Low Ambient Heating	NO	NO	NO	NO	NO	NO
Low Voltage Startup	YES	NO	YES	YES	YES	YES
Standby	NO	NO	NO	NO	NO	NO