

GW

Split system room air conditioners and heat pumps
Wall installation with capacities from 2.7 to 6.4 kW

R410A



Energy Efficiency

Please consult technical data in the table

GW_E



GW 090 C
GW 120 C

Features

- Available in 4 sizes with different potential
- Realised for use with R410A refrigerant gas
- Heat pump model with cooling cycle inversion and defrost control
- Four speed cross flow fan
- Rotary compressor
- Low noise operation
- Microprocessor control
- Infra Red remote control panel with LCD display
- Local control facility
- Front Panel display
- Timer for programming hourly functioning (Start/Stop)
- Programs: cooling, heating, dehumidifier only and automatic
- Nightmode
- Auto-restart
- Self diagnostics function
- Easily removable air filter
- Horizontal air delivery louver
- Motor driven deflector louver worked from a remote control for vertical delivery of output air
- Refrigerators with flared-type connections
- Easy installation and maintenance
- Additional pressure connection (1/2"UNF for R410A) on the refrigerant circuit (only for GW180C and GW240C), available to connect fan speed control

Technical data

Indoor unit		GW090E	GW120E	GW180E	GW240E
Outdoor unit		GW090C	GW120C	GW180C	GW240C
Cooling capacity	W	2700	3500	5300	6400
Energy Efficiency		A	A	A	B
EER		3.21	3.21	3.23	3.02
Moisture removed	l/h	1.2	1.4	2	2.7
Total input power	W	840	1092	1640	2120
Total input current	A	3.9	5.1	10.9	13
Heating capacity	W	2790	3940	5700	6800
Energy Efficiency		A	A	B	C
COP		3.67	3.61	3.41	3.21
Total input power	W	760	1092	1670	2120
Total input current	A	3.6	5.1	11.1	13
Air flow rate (GW E)	m ³ /h (min)	330	373	600	620
	m ³ /h (med)	390	435	670	670
	m ³ /h (max)	450	495	830	830
♪ Sound pressure (GW E)	dB(A) (min)	30	33.5	39	39
	dB(A) (med)	34	37	42	42
	dB(A) (max)	38	40	45	45
Air flow rate (GW C)	m ³ /h	1800	1800	2790	3400
♪ Sound pressure (GW C)	dB(A)	52	52	56	56
Compressor		Rotary			
Lines max length	m (total)	10	10	10	10
Max level difference (Indoor - outdoor unit)	m	5	5	5	5
Refrigerant connections	Ø liquid	1/4"	1/4"	1/4"	3/8"
	Ø gas	3/8"	1/2"	1/2"	5/8"
Refrigerant lines	Ø liquid	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Ø gas	9.52(3/8")	12.7(1/2")	12.7(1/2")	15.9(5/8")

Power supply = 230V ~ 50Hz.

Performance values refer to the following conditions:

♪ Sound pressure measures in a semianechoic chamber at 1m from the front

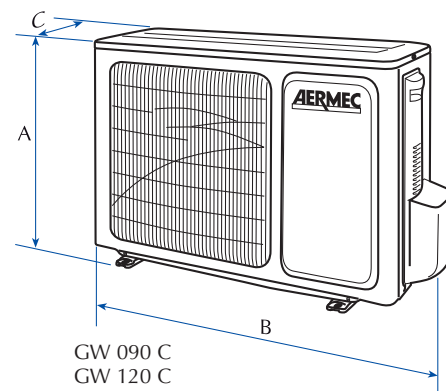
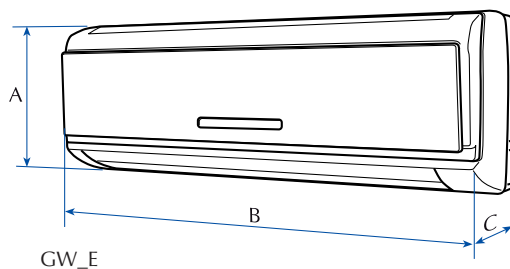
■ Cooling:

- room air temperature 27 °C D.B., 19 °C W.B.
- ambient air temperature 35 °C; maximum speed
- Refrigerant lines length 5m

■ Heating:

- room air temperature 20 °C
- ambient air temp. 7 °C D.B., 6 °C W.B.; max. speed
- Refrigerant lines length 5m

Dimensions (mm)



		GW				GW			
		090 E	120 E	180 E	240 E	090 C	120 C	180 C	240 C
Height	A	250	285	319	319	540	540	680	700
Width	B	770	830	1020	1020	848	848	913	950
Depth	C	220	225	234	234	320	320	378	412
Weight	kg	8	11	14	15	36	36	46	59

The technical data in this document are not binding. Aermec S.p.A. reserves the right to make whatever modifications it deems necessary to improve the product at any time.

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