

## GWI

Air conditioners and split system heat pumps  
Wall installation with power from 2.5 to 6.8 kW with Inverter



GWI\_E



GWI\_C

### Features

- Available in 4 sizes with different potentiality
- R410A refrigerant gas
- Inverter device for large energy saving and optimisation of environment conditions
- Heat pump functioning with reverse cooling cycle and defrost control
- 3 speed tangential fan: Minimum, Medium, Maximum
- Variable speed rotary compressor
- Silent functioning
- Microprocessor control
- Infrared ray remote control with liquid crystal display for checking all functions
- Possibility of emergency control (Auto/Stop key)
- Liquid crystal display on front panel
- Timer for programming hourly functioning (Start/Stop)
- Functioning mode: Cooling, Heating, Dehumidification, Automatic and Fan only
- Nightmode
- Auto-restart
- Self-diagnostics function
- Air filter with easy extraction and cleaning
- Air flow louvered fins with horizontal adjustment facility
- Powered deflector louvers, which can be activated by remote control to direct the flow air vertically
- Refrigerant lines with flared connections
- Easy installation and maintenance
- Cooling mode with ambient temperature down to 5°C

## Technical data

Indoor unit		GW1090E	GW1120E	GW1180E	GW1240E
Outdoor unit		GW1090C	GW1120C	GW1180C	GW1240C
Cooling capacity	W (nominal)	2500	3500	5000	6500
	W (min - max)	900/3000	1220/4000	2500/5800	2000/6800
Energy efficient class		A	A	A	A
EER		3.21	3.21	3.21	3.22
Total input power	W (nominal)	780	1090	1560	2020
	W (min - max)	220/1350	295/1500	620/2200	520/2450
Total absorption	A (max)	6.2	7.0	10.5	14
Humidity removed	l/h	1.2	1.6	2	2.4
Heating capacity	W (nominal)	2750	4000	5800	6500
	W (min - max)	1000/3200	1130/4300	2300/6400	1600/8200
Energy efficient class		A	A	A	A
COP		3.62	3.61	3.63	3.61
Total input power	W (nominal)	760	1108	1600	1800
	W (min - max)	210/1400	330/1420	550/2250	470/3250
Total absorption	A (max)	6.3	7.2	10.7	14.2
Air flow rate (GWI E)	m <sup>3</sup> /h (max)	490	550	900	850
♪ Sound pressure (GWI E)	dB(A) (min)	32	36	40	40
	dB(A) (med)	35	39	43	43
	dB(A) (max)	39	42	48	48
♪ Sound pressure (GWI C)	dB(A)	53	55	56	58
Compressor		Rotary Inverter			
Lines max length	m (total)	10	10	30	30
Max level difference (Indoor - outdoor unit)	m	5	5	8	8
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")

Electric power supply = 230V~ 50Hz.

The performance refers to the following conditions:

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

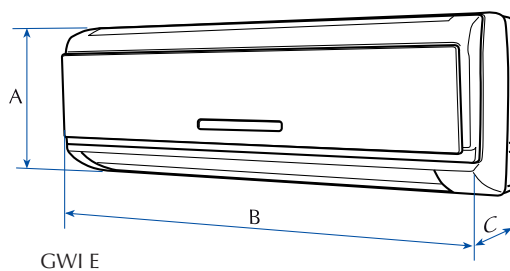
■ Cooling:

- Room air temperature 27 °C D.B. ; 19 °C W.B.
- External air temperature 35 °C
- Maximum speed
- Refrigerant lines length 5m

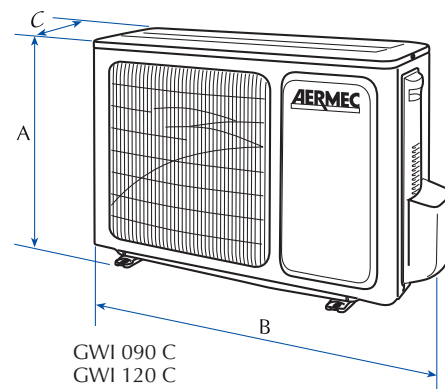
■ Heating:

- Room air temperature 20 °C
- External air temperature 7 °C D.B. ; 6 °C W.B.
- Maximum speed
- Refrigerant lines length 5m

## Dimensional data (mm)



GWI E



GWI 090 C  
GWI 120 C

		GWI				GWI			
		090 E	120 E	180 E	240 E	090 C	120 C	180 C	240 C
Height	A	250	285	319	319	540	540	685	840
Width	B	770	830	1020	1020	848	848	848	950
Depth	C	220	225	234	234	320	320	378	420
Net weight	kg	8.5	11	13	13	35	38	52	68

The technical data given on this documentation is not binding. Aermec S.p.A. reserves the right to apply at any time all the modifications deemed necessary for improving the product.

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