

MGW

Dualsplit system heat pumps
DualSplit System with powers from 5 to 7 kW

R410A



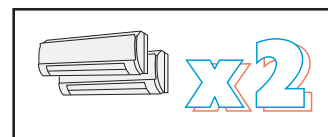
MGW_E



Remote control



MGW_C



Features

- Dualsplit MGW52C, MGW62C and MGW72C outdoor units can be coupled with 2 indoor units.
- Wall type indoor unit with remote control: MGW 025E - MGW 035E
- R410A refrigerant gas
- Heat pump functioning with reverse cooling cycle and defrost control
- Indoor unit 4 speed tangential fan: Minimum, Medium, Maximum and Turbo
- Outdoor unit with 2 rotary compressors
- Silent functioning
- Microprocessor control
- Infrared ray remote control with liquid crystal display wired control panel for checking all functions
- Possibility of emergency control (Auto/Stop key)
- Liquid crystal display on front panel
- Timer for programming hourly functioning
- Functioning mode: Cooling, Heating, Dehumidification, Automatic and Fan only
- Self-diagnostics function
- Air outlet louvered fins with horizontal adjustment facility
- Powered deflector louvers for vertical adjustment of outlet air flow direction
- Air filter with easy extraction and cleaning
- Refrigerant lines with flared connections
- Systems with multi-line refrigerant connections, where every indoor unit is connected to the outdoor unit via dedicated refrigerant lines
- Refrigerant lines up to 10 m for each individual indoor unit, maximum level distance between the indoor and outdoor unit 5m

Technical data

Outdoor unit		MGW52C	MGW62C	MGW72C
Indoor unit		MGW025E x 2	MGW025E / MGW035E	MGW035E x 2
Cooling capacity	W	5460	6340	7080
Total input power	W	1815	2107	2352
Total absorption	A	12.40	15.46	15.60
EER		3.01	3.01	3.01
Energy efficient class		B	B	B
Total humidity removed	l/h	3.5	4.2	5.0
Heating capacity	W	6240	6800	7200
Total input power	W	1830	1995	2111
Total absorption	A	11.43	12.45	14.07
COP		3.41	3.41	3.41
Energy efficient class		B	B	B
Air flow rate (MGW E)	m ³ /h (max)	450 / 450	450 / 600	600 / 600
♪ Sound Pressure (MGW E)	dB(A) (max)	37 / 37	37 / 39	39 / 39
♪ Sound Pressure(MGW C)	dB(A)	56	56	57
Refrigerant connections	Ø liquid	1/4" / 1/4"	1/4" / 1/4"	1/4" / 1/4"
	Ø gas	3/8" / 3/8"	3/8" / 1/2"	1/2" / 1/2"
Refrigerant lines	Ø liquid	6,35(1/4") / 6,35(1/4")	6,35(1/4") / 6,35(1/4")	6,35(1/4") / 6,35(1/4")
	Ø gas	9,52(3/8") / 9,52(3/8")	9,52(3/8") / 12,7(1/2")	12,7(1/2") / 12,7(1/2")

Electric power supply = 230V~ 50Hz

The performance refers to the following conditions:

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

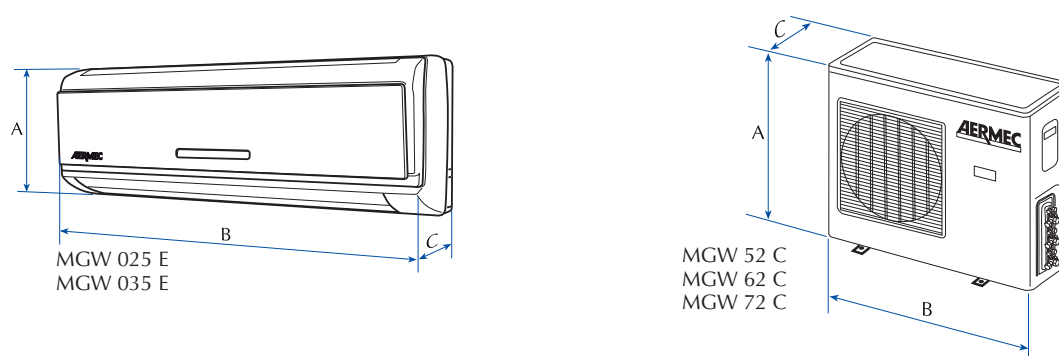
■ Cooling:

- 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)



		MGW		MGW		
		025 E	035 E	52C	62C	72C
Height	A	250	285	700	700	700
Width	B	770	830	950	950	950
Depth	C	190	190	420	420	420
Net weight	kg	8.5	11	58	65	65

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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