

FK

Monobloc window

Cooling capacity 2,7 ÷ 3,6 kW



- New R32 ecological refrigerant gas.
- Flush-mounting installation on the window.
- Plug & Play.



DESCRIPTION

The packed air-conditioners of the FK range, for flush-mounting window installation, are ideal for use in commercial contexts such as shops, hotels, offices, laboratories and prefabricated garages.

FEATURES



Inner and outer side

- Remote control and holder standard supply with each unit.
- Fans with DC inverter technology.
- Regenerable air filter easy to remove and clean.
- Clean filter signal function.
- Timer for programming switch-off and switch-on.
- Auxiliary emergency command integrated into the unit.
- Indoor unit front panel with LED display and indicator lights.
- Inner side 3-speed fan, to meet every possible need.
- **Auto** function for a continuous speed variation.
- **Sleep** night time function well-being program.
- DC inverter rotary compressor.

General features

- New R32 ecological refrigerant gas with low GWP.
- Monobloc **Plug & Play** unit equipped with power supply with schuko plug.
- Operating mode: cooling, dehumidification and fan only.
- Condensate discharge tub included.
- Particularly quiet operation.
- Microprocessor control.
- Auto-restart function.
- Self-diagnosis function.

INSTALLATION TYPE



PERFORMANCE SPECIFICATIONS

		FK260	FK360
Nominal cooling performances			
Cooling capacity (1)	kW	2,70	3,65
Cooling input power (1)	kW	0,78	1,03
EER (2)	W/W	3,45	3,54
Moisture removed	l/h	1,0	1,6
Maximum cooling performances			
Cooling input current	A	3,5	4,6
Seasonal efficiency			
SEER	W/W	5,20	5,40
Efficiency energy class (3)		A	A
P _{design,c}	kW	2,7	3,7
Annual power consumption	kWh/annum	182	240

(1) Cooling (EN-14511 and EN-14825) ambient air temperature 27 °C D.B. / 19 °C W.B.; outside air temperature 35 °C; max speed; length of refrigerant lines 5 m.

(2) EER/COP in accordance with the Standard (EN-14511), only declared for the purposes of the tax deductions in force at the time of this publication.

(3) Data in accordance with Delegated Regulation (EU) No. 626/2011.

GENERAL DATA

		FK260	FK360
Electric data			
Rated power input (1)	kW	1,1	1,3
Rated current input (1)	A	5,5	6,5
Power supply			
Power supply		220-240V ~ 50Hz	220-240V ~ 50Hz

(1) The rated power input (rated current input) is the maximum input electrical power (maximum current input) from the system, in accordance with the Standards EN-60335-1 and EN-60335-2-40.

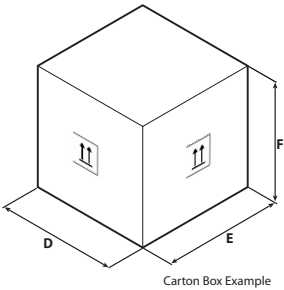
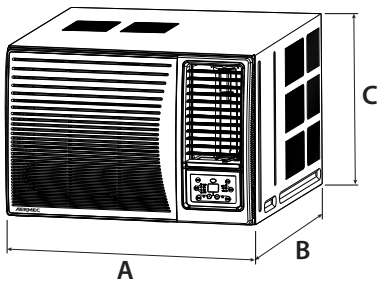
INNER SIDE

		FK260	FK360
Inner side			
Type of fan	Type	Inverter centrifugal	Inverter centrifugal
Inner side air flow rate			
Maximum	m³/h	400	480
Average	m³/h	360	430
Minimum	m³/h	320	380
Inner side sound pressure			
Maximum	dB(A)	50,0	50,0
Average	dB(A)	48,0	48,0
Minimum	dB(A)	46,0	46,0
Inner side sound power			
Maximum	dB(A)	59,0	59,0
Average	dB(A)	57,0	57,0
Minimum	dB(A)	55,0	55,0

OUTER SIDE

		FK260	FK360
Outer side			
Type of fan	Type	Inverter axial	Inverter axial
Outer side air flow rate			
Maximum	m³/h	800	1200
Outer side sound power			
Maximum	dB(A)	65,0	65,0
Average	dB(A)	63,0	63,0
Minimum	dB(A)	61,0	61,0
Outer side sound pressure			
Maximum	dB(A)	56,0	56,0
Average	dB(A)	54,0	54,0
Minimum	dB(A)	52,0	52,0
Compressor			
Type	type	Inverter rotary	Inverter rotary
Compressor			
Refrigerant	type	R32	R32
Refrigerant charge	kg	0,5	0,6
Compressor			
Potential global heating	GWP	675kgCO ₂ eq	675kgCO ₂ eq
Equivalent CO ₂	t	0,34	0,43
Outer side			
Protection rating		IPX4	IPX4

DIMENSIONS AND WEIGHTS



		FK260	FK360
Dimensions and weights			
A	mm	560	660
B	mm	710	700
C	mm	375	428
D	mm	623	739
E	mm	806	793
F	mm	425	505
Net weight	kg	43	50
Weight for transport	kg	47	54

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responsibility or liability for errors or omissions.

Aermec S.p.A.
Via Roma, 996 - 37040 Bevilacqua (VR) - Italia
Tel. 0442633111 - Telefax 044293577
www.aermec.com

CMP

Monobloc without outdoor unit

Cooling capacity 2,35 kW
Heating capacity 2,36 kW



- Two holes, no outdoor units.
- Modern design to blend with all furnishing styles.
- Extremely thin, with a depth of just 165 mm.



DESCRIPTION

The air-conditioners of the CMP range are of the single-block type and are ideal for heating, cooling, dehumidification or ventilation only, whether in the home or the office.

The absence of an outdoor unit permits installation in all those cases where architectural restraints prevent the positioning of a split air-conditioner.

The unit boasts a compressor and a fan with inverter technology.

FEATURES

Unit

Indoor unit designed for installation on internal walls.

- No need for an outdoor unit just make two 162 mm holes in the outer wall so the air-conditioner can exchange heat with the external environment.
- Folding grilles included.
- On-board control panel with display and soft-touch keys.
- Included remote control.

Cooling operation with outside temperatures up to 35 °C.

Heating operation with outdoor temperatures down to 7 °C.



Folding grilles

With two folding grilles which, activated by the inlet and outlet air, open when the machine is working and close when the machine is switched off.

In this way they guarantee enhanced indoor comfort, less dust, noise and pollution, reduced maintenance and are even less visible from the outside.

Control panel

The on-board control panel with display and soft-touch keys allows you to set the required temperature set-point easily and accurately.

The "heating" function is deactivated by a simple intervention on the control panel: the device then works in "cooling only" mode, without requiring the condensate discharge tube.

The air delivery fin is easily orientated by means of the relative key.

Remote control

Handy remote control that's not too bulky.

Fitted with a practical magnet so it can be fixed to the unit.

All the control panel functions are available via the remote control too.

GENERAL FEATURES

- Condensate drip tray constantly pre-heated in the winter during heat pump operation, without any risk of the water freezing.
- Operating mode: cooling, dehumidification and fan only.
- Particularly quiet operation.
- Microprocessor control.

ACCESSORIES AS STANDARD

- Condensate drip.
- Two folding grilles.
- Remote control.

PERFORMANCE SPECIFICATIONS

CMP23I		
Nominal cooling performances		
Cooling capacity (1)	kW	2,35
Cooling input power (1)	kW	0,73
EER (2)	W/W	3,22
Maximum cooling performances		
Cooling capacity	kW	3,10
Nominal cooling performances		
Moisture removed	l/h	1,1
Seasonal efficiency		
Efficiency energy class (3)		A+
Annual power consumption	kWh/annum	425
Nominal heating performances		
Heating capacity (4)	kW	2,36
Heating input power (4)	kW	0,72
COP (2)	W/W	3,28
Maximum heating performances		
Heating capacity	kW	3,05
Seasonal efficiency (temperate climate)		
Efficiency energy class (3)		A

(1) Cooling (EN-14511 and EN-14825) ambient air temperature 27 °C D.B. / 19 °C W.B.; outside air temperature 35 °C; max speed; length of refrigerant lines 5 m.

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(3) Data in accordance with Delegated Regulation (EU) No. 626/2011.

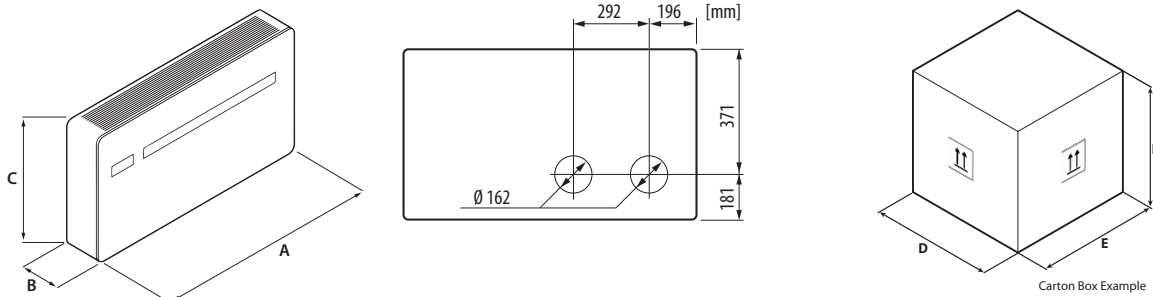
(4) Heating (EN-14511 and EN-14825) ambient air temperature 20 °C D.B.; outside air temperature 7 °C D.B. / 6 °C W.B.; max speed; length of refrigerant lines 5 m.

GENERAL DATA

CMP23I		
Fan		
Type	type	Inverter centrifugal
Number	no.	1
Inner side air flow rate		
Maximum	m³/h	400
Average	m³/h	320
Minimum	m³/h	270
Outer side air flow rate		
Maximum	m³/h	480
Average	m³/h	390
Minimum	m³/h	340
Compressor		
Number	no.	1
Refrigerant	type	R410A
Refrigerant charge	kg	0,6
Potential global heating	GWP	2088kgCO ₂ eq
Sound data calculated in cooling mode (1)		
Sound power level	dB(A)	58,0
Sound pressure level (1,5 m)	dB(A)	46,0

(1) Sound power calculated on the basis of measurements made in accordance with UNI EN ISO 9614-2, as required for Eurovent certification. Sound pressure (cold functioning) measured in free field, 10m away from the unit external surface (in compliance with UNI EN ISO 3744).

DIMENSIONS AND WEIGHTS



CMP231		
Dimensions and weights		
A	mm	1030
B	mm	170
C	mm	555
D	mm	1100
E	mm	260
F	mm	660
Net weight	kg	48
Weight for transport	kg	49

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www.aermec.com

PSL

Portable air conditioner

Cooling capacity 2,6 ÷ 3,4 kW
Heating capacity 2,3 ÷ 2,7 kW



- New R290 natural refrigerant gas.
- Reversible heat pump.
- Compact, manoeuvrable and silent.
- Modern design to blend with all furnishing styles.
- Special coil with fin blue coating.



DESCRIPTION

PSL portable air conditioner, ideal for heating, cooling, dehumidification or ventilation only both at home and at the office.

Adapts to any kind of decor, thanks to its compact and elegant design; it is mounted on wheels and can be used in multiple rooms, and is easily transportable and installable.

Equipped with a specific tank to collect the moisture removed from the environment during cooling, heating or dehumidification.

The on-board control panel with display, allows to easily and precisely set the desired temperature set-points.

FEATURES



Operation

The cooled, heated and/or dehumidified air exits the front grille and directed vertically by movable fins. The air to be treated is drawn through filters from the rear. The hot air is expelled through a hose that is attached by means of a special flange on the rear of the portable air conditioner unit.

The air filters are easy to remove and wash.

Special blue fin coil

Unlike normal batteries, this special blue epoxy coating is able to protect the heat exchanger against rust and corrosion, in areas where the air has a high salt content.



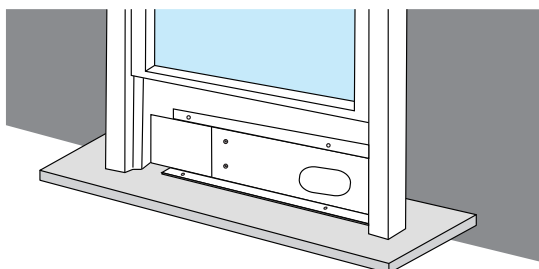
GENERAL FEATURES

- Remote control standard supply with each indoor unit.
- New R290 natural refrigerant gas.
- Operating mode: cooling, heating, dehumidification, automatic and fan only.
- Regenerable air filter easy to remove and clean.
- Particularly quiet operation.
- Timer for programming switch-off and switch-on.
- Indoor unit front panel with LED display and indicator lights.
- 3-speed fan, to meet every possible need.
- **Auto** function for a continuous speed variation.
- **Turbo** function to attain the desired temperature as quickly as possible.
- **Sleep** night time function well-being program.
- **iFeel** function for activating the ambient temperature probe inside the remote control, for improved comfort.
- Auto-restart function.

ACCESSORIES AS STANDARD

- Hot air expulsion hose with special joints and collectors.
- Condensate discharge hose, discharge tap and relative fixing accessories.
- Window kit and protection mesh to connect the hot air expulsion hose.
- Cap for the wall and connection for the hot air expulsion hose.
- Remote control.

WINDOW KIT



FLEXIBLE PIPE

		PSL250	PSL350
Flexible pipe			
Minimum length	mm	270	270
Maximum length	mm	1500	1500
Size (out)	Ø	145	145

Out diameter: external diameter air discharge hose.

PERFORMANCE SPECIFICATIONS

		PSL250	PSL350
Nominal cooling performances			
Cooling capacity (1)	kW	2,60	3,40
EER (2)	W/W	3,10	2,60
Seasonal efficiency			
Efficiency energy class (3)		A	A
Nominal heating performances			
Heating capacity (4)	kW	2,30	2,70
COP (2)	W/W	3,10	2,80
Seasonal efficiency (temperate climate)			
Efficiency energy class (3)		A+	A+

(1) Cooling (EN-14511 and EN-14825) ambient air temperature 27 °C D.B. / 19 °C W.B.; outside air temperature 35 °C; max speed; length of refrigerant lines 5 m.

(2) EER/COP in accordance with the Standard (EN-14511), only declared for the purposes of the tax deductions in force at the time of this publication.

(3) Data in accordance with Delegated Regulation (EU) No. 626/2011.

(4) Heating (EN-14511 and EN-14825) ambient air temperature 20 °C D.B.; outside air temperature 7 °C D.B. / 6 °C W.B.; max speed; length of refrigerant lines 5 m.

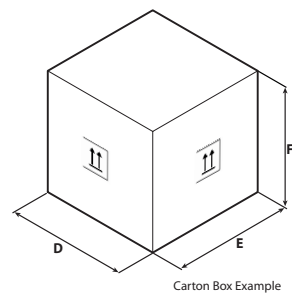
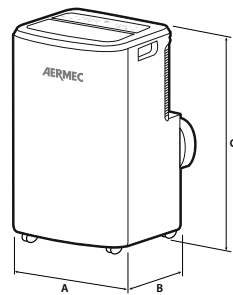
GENERAL DATA

		PSL250	PSL350
Electric data			
Rated power input (1)	kW	1,0	1,5
Rated current input (1)	A	4,6	8,0
Fan			
Type	type	Centrifugal on/off	Centrifugal on/off
Air flow rate			
Maximum	m³/h	390	390
Average	m³/h	360	360
Minimum	m³/h	330	330
Sound power			
Maximum	dB(A)	64,0	64,0
Average	dB(A)	63,5	63,5
Minimum	dB(A)	63,0	63,0
Sound pressure (2)			
Maximum	dB(A)	35,0	35,0
Average	dB(A)	33,0	33,0
Minimum	dB(A)	31,0	31,0
Compressor			
Type	type	Rotary on/off	Rotary on/off
Number	no.	1	1
Refrigerant	type	R290	R290
Refrigerant charge	kg	0,2	0,2
Power supply cable			
Type of power supply cable	Type	3G1,0 mm²/L= 2,85 m/Schuko plug	3G1,0 mm²/L= 2,85 m/Schuko plug
Power supply			
Power supply		220-240V ~ 50Hz	220-240V ~ 50Hz
Indoor unit			
Condensate discharge diameter	mm	13,5	13,5

(1) The rated power input (rated current input) is the maximum input electrical power (maximum current input) from the system, in accordance with the Standards EN-60335-1 and EN-60335-2-40.

(2) Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.

DIMENSIONS AND WEIGHTS



		PSL250	PSL350
Dimensions and weights			
A	mm	476	476
B	mm	385	385
C	mm	710	710
D	mm	545	545
E	mm	435	435
F	mm	885	885
Net weight	kg	33	34
Weight for transport	kg	38	39

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SMG

Universal

Cooling capacity 2,7 ÷ 3,5 kW
Heating capacity 3,2 ÷ 4,0 kW

- New R32 ecological refrigerant gas.
- Standard Wi-Fi module.
- Innovative design sleek curved lines.
- Special coil with fin blue coating.



DESCRIPTION

The monosplit air conditioners of the SMG range are combined with SMG_W (Wall) indoor units for wall installation.

Universal indoor units: all indoor units can be combined with both multisplit outdoor units of the series MLG and monosplit outdoor units of the series SMG.

The outdoor unit features a compressor with inverter technology, an electronic valve and electric heater to ensure proper winter operation and prevent ice formation on the coil.

FEATURES

Innovative design

SMG has an elegant and essential design. The curved lines form a structure that has an innovative and functional style. The operating parameters display is elegantly integrated in the satin-finish cover. The motorised horizontal and vertical fins direct the air flow in the desired direction, guaranteeing total comfort in the environment.



Indoor unit

Wall indoor unit designed to be installed on indoor walls.

- Every indoor unit comes with a remote control and a remote control holder.
- Fan with DC inverter technology.
- Regenerable air filter easy to remove and clean.
- Timer for programming switch-off and switch-on.
- Auxiliary emergency command integrated into the unit.
- Indoor unit front panel with LED display and indicator lights.
- 3-speed fan, to meet every possible need.

- **Auto** function for a continuous speed variation.
- **Turbo** function to attain the desired temperature as quickly as possible.
- **Sleep** night time function well-being program.
- **X-fan** prolonged ventilation function, in order to perfectly dry the coil and avoid the formation and proliferation of pathogens.
- **Anti-freeze** function that allows you to keep an inside minimum temperature of 8 °C in winter.
- **iFeel** function for activating the ambient temperature probe inside the remote control, for improved comfort.

Outdoor unit

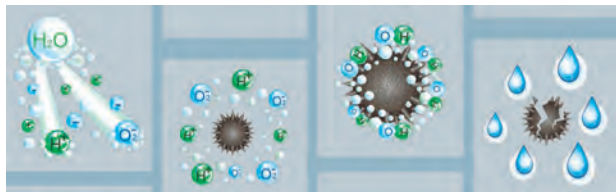
Monosplit air conditioner.

Reversible air/air heat pump with DC inverter technology.

- Fitted with a electrical anti-freeze heater (in unit base) to avoid the formation of ice and encourage the drainage of condensate during heating operation.
- Compressor and fan with DC inverter technology.
- Fitted with an electronic expansion valve.

Air Purifiers (Cold Plasma)

Capable of reducing pollutants breaking down their molecules using electric discharges, causing the splitting of the water molecules in the air into positive and negative ions. These ions neutralise the molecules of the gaseous pollutants obtaining products that are normally present in clean air. The device can eliminate 90% of bacteria. The result is clean, ionised air that has no bad odours.



X-fan function

This self-cleaning system foresees that the fan of the indoor unit continues its operation for a few minutes after the unit is turned off, in order to perfectly dry the coil and avoid the formation and proliferation of pathogens.



Smart APP Ewpe

This system is fitted **standard** with a wi-fi module that can be used, along with the app for iOS and Android devices (available free on Apple Store and Google Play), to control the system remotely on your smartphone or tablet, or via Cloud with the aid of a wireless router connected to the Internet.



Special blue fin coil

Unlike normal batteries, this special blue epoxy coating is able to protect the heat exchanger against rust and corrosion, in areas where the air has a high salt content.



General features

- New R32 ecological refrigerant gas with low GWP.
- Operating mode: cooling, heating, dehumidification, automatic and fan only.
- Particularly quiet operation.
- Microprocessor control.
- Auto-restart function.
- Self-diagnosis function.
- Air filter easily removed and cleaned.
- Easy installation and maintenance.
- **Low cooling function:** cooling with outside temperatures down to -18 °C.
- **Low heating function:** heating with outside temperatures down to -30 °C.

PERFORMANCE SPECIFICATIONS

Indoor unit		SMG270W	SMG350W
Outdoor unit		SMG270	SMG350
Nominal cooling performances			
Cooling capacity (1)	kW	2,70	3,53
Cooling input power (1)	kW	0,60	0,88
EER (2)	W/W	4,50	4,00
Moisture removed	l/h	0,8	0,8
Minimum cooling performances			
Cooling capacity	kW	0,30	0,30
Cooling input power	kW	0,13	0,13
Maximum cooling performances			
Cooling capacity	kW	4,30	4,80
Cooling input power	kW	1,30	1,80
Cooling input current	A	3,7	5,8
Seasonal efficiency			
SEER	W/W	7,50	7,20
Efficiency energy class (3)		A++	A++
Annual power consumption	kWh/annum	126	170
Pdesignc	kW	2,7	3,5
Nominal heating performances			
Heating capacity (4)	kW	3,20	4,00
Heating input power (4)	kW	0,78	1,00
COP (2)	W/W	4,10	4,00
Minimum heating performances			
Heating capacity	kW	0,60	0,60
Heating input power	kW	0,15	0,15
Maximum heating performances			
Heating capacity	kW	5,90	6,00
Heating input power	kW	2,30	2,40
Heating input current	A	4,4	6,8
Seasonal efficiency (temperate climate)			
SCOP		4,60	4,60
Efficiency energy class (3)		A++	A++
Annual power consumption	kWh/annum	852	913
Pdesignh	kW	2,8	3,0

(1) Cooling (EN-14511 and EN-14825) ambient air temperature 27 °C D.B. / 19 °C W.B.; outside air temperature 35 °C; max speed; length of refrigerant lines 5 m.

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(3) Data in accordance with Delegated Regulation (EU) No. 626/2011.

(4) Heating (EN-14511 and EN-14825) ambient air temperature 20 °C D.B.; outside air temperature 7 °C D.B. / 6 °C W.B.; max speed; length of refrigerant lines 5 m.

INDOOR UNIT

		SMG270W	SMG350W
Indoor unit			
Type of fan	Type	Inverter tangential	
Air flow rate			
Turbo	m³/h	550	650
Maximum	m³/h	450	500
Average maximum	m³/h	390	450
Average	m³/h	330	400
Average minimum	m³/h	290	330
Minimum	m³/h	250	250
Quiet	m³/h	220	220
Sound power			
Turbo	db(A)	58,0	58,0
Maximum	dB(A)	50,0	51,0
Average maximum	dB(A)	46,0	47,0
Average	dB(A)	42,0	43,0
Average minimum	dB(A)	39,0	40,0
Minimum	dB(A)	37,0	37,0
Quiet	db(A)	34,0	35,0
Sound pressure (1)			
Turbo	db(A)	40,0	42,0
Maximum	dB(A)	36,0	37,0
Average maximum	dB(A)	32,0	33,0
Average	dB(A)	28,0	29,0
Average minimum	dB(A)	25,0	26,0
Minimum	dB(A)	23,0	23,0
Quiet	db(A)	20,0	21,0

(1) Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.

OUTDOOR UNIT

		SMG270	SMG350
Outdoor unit			
Type of fan	Type	Inverter axial	
Air flow rate			
Maximum	m³/h	2400	2400
Sound power			
Maximum	dB(A)	63,0	63,0
Sound pressure (1)			
Maximum	dB(A)	52,0	53,0
Compressor			
Type	type	Inverter rotary	
Refrigerant	type	R32	
Refrigerant charge	kg	0,95	0,90
Potential global heating	GWP	675kgCO₂eq	
Equivalent CO₂	t	0,64	0,61

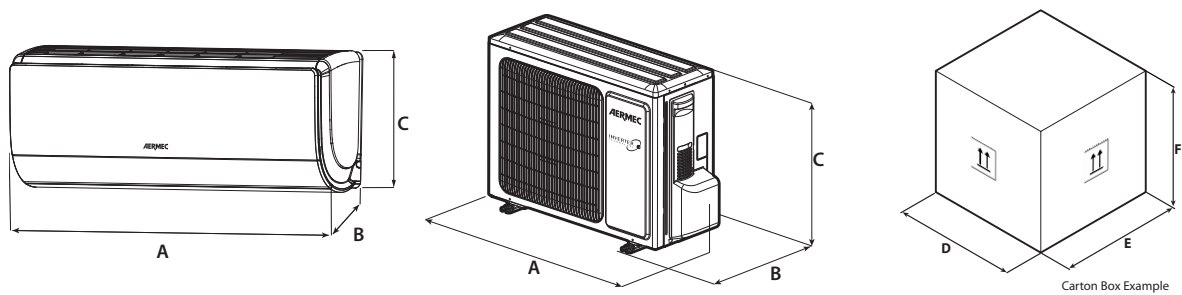
(1) Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.

GENERAL DATA

Indoor unit		SMG270W	SMG350W
Outdoor unit		SMG270	SMG350
Electric data			
Rated power input (1)	kW	2,3	2,4
Rated current input (1)	A	10,5	10,5
Refrigeration pipework			
Diameter of liquid refrigerant connections	mm (inch)	6,35 (1/4")	6,35 (1/4")
Diameter of refrigerant gas connections	mm (inch)	9,52 (3/8")	9,52 (3/8")
Maximum refrigerant tube length	m	15	20
Maximum refrigerant line level difference	m	10,0	10,0
Refrigerant to be added	g/m	16	16
Power supply			
Power supply		220-240V ~ 50Hz	220-240V ~ 50Hz

(1) The rated power input (rated current input) is the maximum input electrical power (maximum current input) from the system, in accordance with the Standards EN-60335-1 and EN-60335-2-40.

DIMENSIONS AND WEIGHTS



		SMG270W	SMG350W
Indoor unit			
A	mm	860	860
B	mm	170	170
C	mm	305	305
D	mm	935	935
E	mm	388	388
F	mm	295	295
Net weight	kg	12	12
Weight for transport	kg	14	14
		SMG270	SMG350
Outdoor unit			
A	mm	899	899
B	mm	378	378
C	mm	596	596
D	mm	948	948
E	mm	420	420
F	mm	645	645
Net weight	kg	42	45
Weight for transport	kg	44	47

SLG

Monosplit

Cooling capacity 2,7 ÷ 6,1 kW
Heating capacity 2,8 ÷ 6,4 kW

- New R32 ecological refrigerant gas.
- Wi-fi control using the relative accessory.
- Modern design to blend with all furnishing styles.
- Special coil with fin blue coating.



DESCRIPTION

The monosplit air conditioners of the SLG range are combined with SLG_W (Wall) indoor units for wall installation.

Universal indoor units: some indoor units can be combined with both multisplit outdoor units of the series MLG and monosplit outdoor units of the series SLG:

SLG	SLG200W	SLG250W	SLG350W	SLG500W	SLG700W
Universal indoor units	•	•	•	•	•

The external unit boasts a compressor with inverter technology.

FEATURES



Indoor unit

Wall indoor unit designed to be installed on indoor walls.

- Every indoor unit comes with a remote control and a remote control holder.
- Fan with DC inverter technology.
- Regenerable air filter easy to remove and clean.
- Timer for programming switch-off and switch-on.
- Auxiliary emergency command integrated into the unit.
- Indoor unit front panel with LED display and indicator lights.
- 3-speed fan, to meet every possible need.
- **Auto** function for a continuous speed variation.
- **Turbo** function to attain the desired temperature as quickly as possible.
- **Sleep** night time function well-being program.
- **X-fan** prolonged ventilation function, in order to perfectly dry the coil and avoid the formation and proliferation of pathogens.

- **Anti-freeze** function that allows you to keep an inside minimum temperature of 8 °C in winter.
- **iFeel** function for activating the ambient temperature probe inside the remote control, for improved comfort.

Outdoor unit

Monosplit air conditioner.

Reversible air/air heat pump with DC inverter technology.

- Compressor and fan with DC inverter technology.

SLG	SLG250	SLG350	SLG500	SLG700
Fitted with an electronic expansion valve				•

X-fan function

This self-cleaning system foresees that the fan of the indoor unit continues its operation for a few minutes after the unit is turned off, in order to perfectly dry the coil and avoid the formation and proliferation of pathogens.



Smart APP Ewpe

Using the specific **accessory**, the system offers wi-fi control thanks to the app for iOS and Android devices (available free on Apple Store and Google Play). The system can be controlled from a distance directly on your smartphone or tablet, or via Cloud with the aid of a wireless router connected to the Internet.



Special blue fin coil

Unlike normal batteries, this special blue epoxy coating is able to protect the heat exchanger against rust and corrosion, in areas where the air has a high salt content.



General features

- New R32 ecological refrigerant gas with low GWP.
- Operating mode: cooling, heating, dehumidification, automatic and fan only.
- Particularly quiet operation.
- Microprocessor control.
- Auto-restart function.
- Self-diagnosis function.
- Air filter easily removed and cleaned.
- Easy installation and maintenance.

ACCESSORIES COMPATIBILITY

Accessory	SLG250W	SLG350W	SLG500W	SLG700W
CC2 (1)	•	•	•	•
WRCA	•	•	•	•
(1) Auto-restart function.				
Accessory	SLG250W	SLG350W	SLG500W	SLG700W
DCK	•	•	•	•
WIFIKIT			•	•
WIFIKIT10	•	•		

ACCESSORIES

CC2: Centralised control with 7" touchscreen display for managing several indoor units within a number of multisplit systems. The centralised control has an integrated external contact. For more information, refer to the specific documentation.*

DCK: Remote Contact Kit. This accessory allows you to switch the system on and off using an external contact.

WIFIKIT: Plug & Play module to be installed in the indoor unit for Wi-Fi control.

WIFIKIT10: Plug & Play module to be installed in the indoor unit for Wi-Fi control.

WRCA: Wired panel with liquid crystal display and soft-touch buttons. This accessory can be used to control not only the traditional system functions but also a weekly timer with a maximum of 8 daily time bands.

*** The CC2 centralised control can manage up to 36 SLG systems.**



PERFORMANCE SPECIFICATIONS

Indoor unit		SLG250W	SLG350W	SLG500W	SLG700W
Outdoor unit		SLG250	SLG350	SLG500	SLG700
Nominal cooling performances					
Cooling capacity (1)	kW	2,70	3,20	4,60	6,16
Cooling input power (1)	kW	0,82	1,00	1,43	1,76
EER (2)	W/W	3,29	3,21	3,22	3,50
Moisture removed	l/h	0,8	1,4	1,8	1,8
Minimum cooling performances					
Cooling capacity	kW	0,45	0,60	0,65	1,80
Cooling input power	kW	0,09	0,12	0,15	0,60
Maximum cooling performances					
Cooling capacity	kW	3,50	3,60	5,20	6,40
Cooling input power	kW	1,40	1,40	1,70	2,50
Cooling input current	A	3,8	4,4	6,3	7,7
Seasonal efficiency					
Annual power consumption	kWh/annum	139	184	264	350
SEER	W/W	6,80	6,10	6,10	6,10
Efficiency energy class (3)		A++	A++	A++	A++
P _{designc}	kW	2,7	3,2	4,6	6,1
Nominal heating performances					
Heating capacity (4)	kW	2,80	3,50	5,20	6,45
Heating input power (4)	kW	0,75	0,97	1,40	1,86
COP (2)	W/W	3,71	3,61	3,71	3,47
Minimum heating performances					
Heating capacity	kW	0,45	0,60	0,70	1,60
Heating input power	kW	0,16	0,12	0,16	0,65
Maximum heating performances					
Heating capacity	kW	4,20	4,60	5,40	6,60
Heating input power	kW	1,50	1,50	1,60	2,60
Heating input current	A	3,5	4,3	6,2	8,1
Seasonal efficiency (temperate climate)					
SCOP		4,00	4,00	4,00	4,00
Efficiency energy class (3)		A+	A+	A+	A+
P _{designh}	kW	2,6	3,2	3,6	4,7
Annual power consumption	kWh/annum	910	1120	1260	1645

(1) Cooling (EN-14511 and EN-14825) ambient air temperature 27 °C D.B. / 19 °C W.B.; outside air temperature 35 °C; max speed; length of refrigerant lines 5 m.

(2) EER/COP in accordance with the Standard (EN-14511), only declared for the purposes of the tax deductions in force at the time of this publication.

(3) Data in accordance with Delegated Regulation (EU) No. 626/2011.

(4) Heating (EN-14511 and EN-14825) ambient air temperature 20 °C D.B.; outside air temperature 7 °C D.B. / 6 °C W.B.; max speed; length of refrigerant lines 5 m.

INDOOR UNIT

		SLG250W	SLG350W	SLG500W	SLG700W
Indoor unit					
Input power	W	35	35	55	55
Type of fan	Type	Inverter tangential	Inverter tangential	Inverter tangential	Inverter tangential
Air flow rate					
Turbo	m³/h	560	560	850	850
Maximum	m³/h	460	480	720	720
Average	m³/h	380	410	610	610
Minimum	m³/h	290	290	520	520
Sound power					
Turbo	dB(A)	55,0	55,0	58,0	59,0
Maximum	dB(A)	46,0	47,0	54,0	54,0
Average	dB(A)	40,0	44,0	49,0	50,0
Minimum	dB(A)	35,0	38,0	44,0	44,0
Sound pressure (1)					
Turbo	dB(A)	41,0	42,0	48,0	48,0
Maximum	dB(A)	35,0	37,0	45,0	44,0
Average	dB(A)	29,0	34,0	39,0	40,0
Minimum	dB(A)	24,0	28,0	34,0	34,0
Indoor unit					
Condensate discharge diameter	mm	16,0	16,0	16,0	16,0

(1) Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.

OUTDOOR UNIT

		SLG250	SLG350	SLG500	SLG700
Outdoor unit					
Type of fan	Type	Inverter axial	Inverter axial	Inverter axial	Inverter axial
Air flow rate					
Maximum	m ³ /h	1600	2200	2200	3200
Sound power					
Maximum	dB(A)	59,0	62,0	63,0	67,0
Sound pressure (1)					
Maximum	dB(A)	50,0	52,0	54,0	57,0
Compressor					
Type	type	Inverter rotary	Inverter rotary	Inverter rotary	Inverter rotary
Refrigerant	type	R32	R32	R32	R32
Potential global heating	GWP	675kgCO ₂ eq	675kgCO ₂ eq	675kgCO ₂ eq	675kgCO ₂ eq
Equivalent CO ₂	t	0,37	0,40	0,52	0,88
Outdoor unit					
Condensate discharge diameter	mm	16,0	16,0	16,0	16,0

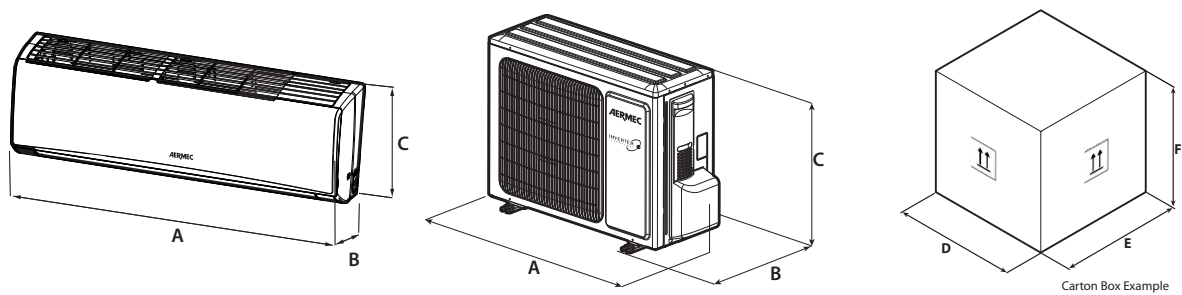
(1) Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.

GENERAL DATA

Indoor unit		SLG250W	SLG350W	SLG500W	SLG700W
Outdoor unit					
SLG250					
SLG350					
SLG500					
SLG700					
Electric data					
Rated power input (1)	kW	1,5	1,5	1,7	2,6
Rated current input (1)	A	6,3	6,2	8,0	10,9
Refrigeration pipework					
Diameter of liquid refrigerant connections	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")
Diameter of refrigerant gas connections	mm (inch)	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	15,9 (5/8")
Maximum refrigerant tube length	m	15	20	20	25
Maximum refrigerant line level difference	m	10,0	10,0	10,0	10,0
Refrigerant to be added	g/m	16	16	16	40
Power supply					
Power supply		220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz

(1) The rated power input (rated current input) is the maximum input electrical power (maximum current input) from the system, in accordance with the Standards EN-60335-1 and EN-60335-2-40.

DIMENSIONS AND WEIGHTS



		SLG250W	SLG350W	SLG500W	SLG700W
Indoor unit					
A	mm	790	790	970	970
B	mm	200	200	224	224
C	mm	275	275	300	300
D	mm	866	866	1041	1041
E	mm	271	271	320	320
F	mm	367	367	383	383
Net weight	kg	9	9	14	14
Weight for transport	kg	11	11	17	17
		SLG250	SLG350	SLG500	SLG700
Outdoor unit					
A	mm	782	848	848	963
B	mm	320	320	320	396
C	mm	540	596	596	700
D	mm	823	881	881	1029
E	mm	358	363	363	458
F	mm	595	645	645	750
Net weight	kg	30	31	34	46
Weight for transport	kg	32	34	37	51

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responsibility or liability for errors or omissions.

Aermec S.p.A.
Via Roma, 996 - 37040 Bevilacqua (VR) - Italia
Tel. 0442633111 - Telefax 044293577
www.aermec.com

SC

Monosplit

Cooling capacity 12,0 kW
Heating capacity 13,6 kW



- Easy installation and maintenance.
- Speed in reaching the defined set point in the shortest time possible.
- Ideal for installations in the service sector: hotels, restaurants, offices.



DESCRIPTION

The monosplit air conditioners of the SC range are combined with SC_V (column) indoor units for floor installation.

The outdoor unit features a compressor with inverter technology, an electronic valve and electric heater to ensure proper winter operation and prevent ice formation on the coil.

FEATURES



Indoor unit

Indoor unit **column** designed to be installed for indoor floor installation.

- Every indoor unit comes with a remote control and a remote control holder.
- Fan with DC inverter technology.
- Regenerable air filter easy to remove and clean.
- Timer for programming switch-off and switch-on.
- Auxiliary emergency command integrated into the unit.
- Indoor unit front panel with LED display and indicator lights.
- 3-speed fan, to meet every possible need.
- **Turbo** function to attain the desired temperature as quickly as possible.
- **Sleep** night time function well-being program.
- **X-fan** prolonged ventilation function, in order to perfectly dry the coil and avoid the formation and proliferation of pathogens.
- **Auto** function for a continuous speed variation.

Outdoor unit

Monosplit air conditioner.

Reversible air/air heat pump with DC inverter technology.

- Fitted with a electrical anti-freeze heater (in unit base) to avoid the formation of ice and encourage the drainage of condensate during heating operation.
- Compressor and fan with DC inverter technology.
- Fitted with an electronic expansion valve.

General features

- Operating mode: cooling, heating, dehumidification, automatic and fan only.
- Particularly quiet operation.
- Microprocessor control.
- Auto-restart function.
- Self-diagnosis function.
- Air filter easily removed and cleaned.
- Easy installation and maintenance.

X-fan function

This self-cleaning system foresees that the fan of the indoor unit continues its operation for a few minutes after the unit is turned off, in order to perfectly dry the coil and avoid the formation and proliferation of pathogens.



PERFORMANCE SPECIFICATIONS

Indoor unit		SC1200V
Outdoor unit		SC1200
Nominal cooling performances		
Cooling capacity (1)	kW	12,00
Cooling input power (1)	kW	4,00
EER (2)	W/W	3,00
Moisture removed	l/h	5,0
Minimum cooling performances		
Cooling capacity	kW	3,00
Cooling input power	kW	0,66
Maximum cooling performances		
Cooling capacity	kW	13,00
Cooling input power	kW	5,40
Cooling input current	A	6,0
Seasonal efficiency		
SEER	W/W	5,10
Efficiency energy class (3)		A
P _{designc}	kW	12,0
Annual power consumption	kWh/annum	824
Nominal heating performances		
Heating capacity (4)	kW	13,60
Heating input power (4)	kW	4,20
COP (2)	W/W	3,24
Minimum heating performances		
Heating capacity	kW	3,40
Heating input power	kW	0,70
Maximum heating performances		
Heating capacity	kW	14,00
Heating input power	kW	4,40
Heating input current	A	6,5
Seasonal efficiency (temperate climate)		
SCOP		3,80
Efficiency energy class (3)		A
P _{designh}	kW	11,0
Annual power consumption	kWh/annum	4053

(1) Cooling (EN-14511 and EN-14825) ambient air temperature 27 °C D.B. / 19 °C W.B.; outside air temperature 35 °C; max speed; length of refrigerant lines 5 m.

(2) EER/COP in accordance with the Standard (EN-14511), only declared for the purposes of the tax deductions in force at the time of this publication.

(3) Data in accordance with Delegated Regulation (EU) No. 626/2011.

(4) Heating (EN-14511 and EN-14825) ambient air temperature 20 °C D.B.; outside air temperature 7 °C D.B. / 6 °C W.B.; max speed; length of refrigerant lines 5 m.

INDOOR UNIT

SC1200V		
Indoor unit		
Type of fan	Type	Inverter centrifugal
Input power	W	180
Air flow rate		
Turbo	m ³ /h	1850
Maximum	m ³ /h	1800
Average	m ³ /h	1700
Minimum	m ³ /h	1530
Sound power		
Turbo	dB(A)	63,0
Maximum	dB(A)	61,0
Average	dB(A)	58,0
Minimum	dB(A)	56,0
Sound pressure (1)		
Turbo	dB(A)	52,0
Maximum	dB(A)	50,0
Average	dB(A)	48,0
Minimum	dB(A)	45,0
Indoor unit		
Condensate discharge diameter	mm	17,0
Power supply		
Indoor unit power supply		220-240V ~ 50Hz

(1) Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.

OUTDOOR UNIT

SC1200		
Outdoor unit		
Type of fan	Type	Inverter axial
Air flow rate		
Maximum	m ³ /h	2000
Sound power		
Maximum	dB(A)	70,0
Sound pressure (1)		
Maximum	dB(A)	63,0
Compressor		
Type	type	Inverter rotary
Refrigerant	type	R410A
Refrigerant charge	kg	3,50
Potential global heating	GWP	2088kgCO ₂ eq
Equivalent CO ₂	t	7,31
Outdoor unit		
Condensate discharge diameter	mm	16,0
Power supply		
Outdoor unit power supply		380-415V ~ 3N ~ 50Hz

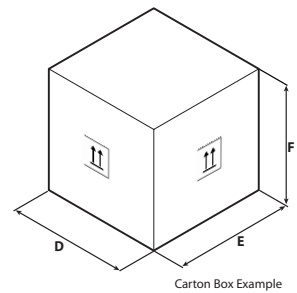
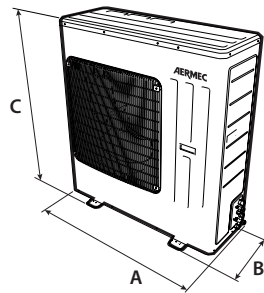
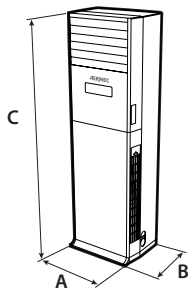
(1) Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.

GENERAL DATA

SC1200V		
SC1200		
Electric data		
Rated power input (1)	kW	5,4
Rated current input (1)	A	9,5
Refrigeration pipework		
Diameter of liquid refrigerant connections	mm (inch)	9,52 (3/8")
Diameter of refrigerant gas connections	mm (inch)	15,9 (5/8")
Maximum refrigerant tube length	m	25
Maximum refrigerant line level difference	m	10,0
Refrigerant to be added	g/m	50

(1) The rated power input (rated current input) is the maximum input electrical power (maximum current input) from the system, in accordance with the Standards EN-60335-1 and EN-60335-2-40.
NB: the quantity of refrigerant gas to be added refers to a line length greater than 5 m.

DIMENSIONS AND WEIGHTS



SC1200V		
Indoor unit		
A	mm	580
B	mm	400
C	mm	1870
D	mm	738
E	mm	545
F	mm	2083
Net weight	kg	58
Weight for transport	kg	84
SC1200		
Outdoor unit		
A	mm	1086
B	mm	440
C	mm	1107
D	mm	1235
E	mm	483
F	mm	1158
Net weight	kg	89
Weight for transport	kg	100

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Aermec S.p.A.
Via Roma, 996 - 37040 Bevilacqua (VR) - Italia
Tel. 0442633111 - Telefax 044293577
www.aermec.com

CKG

Monosplit

Cooling capacity 2,7 ÷ 6,6 kW
Heating capacity 2,9 ÷ 6,8 kW



- **Standard Wi-Fi module.**
- **New R32 ecological refrigerant gas.**
- **Air Purifiers (Cold Plasma).**
- **Low cooling function: cooling operation with outdoor temperatures down to -15 °C.**
- **Low heating function: heating operation with outdoor temperatures down to -22 °C.**



DESCRIPTION

The monosplit air conditioners of the CKG range are combined with CKG_FS (Console) indoor units with an inverter fan unit, offering twin delivery for optimum air flow control and enhanced environmental comfort.

The outdoor unit features a compressor with inverter technology, an electronic valve and electric heater to ensure proper winter operation and prevent ice formation on the coil.

FEATURES



Indoor unit

Console indoor unit designed to be installed on indoor floors.

- Every indoor unit comes with a remote control and a remote control holder.
- Fan with DC inverter technology.
- Regenerable air filter easy to remove and clean.
- Timer for programming switch-off and switch-on.
- Indoor unit front panel with LED display and indicator lights.
- 5-speed fan, to meet every possible need.
- **Auto** function for a continuous speed variation.
- **Turbo** function to attain the desired temperature as quickly as possible.
- **Sleep** night time function well-being program.
- **X-fan** prolonged ventilation function, in order to perfectly dry the coil and avoid the formation and proliferation of pathogens.
- **Anti-freeze** function that allows you to keep an inside minimum temperature of 8 °C in winter.

- **iFeel** function for activating the ambient temperature probe inside the remote control, for improved comfort.

Outdoor unit

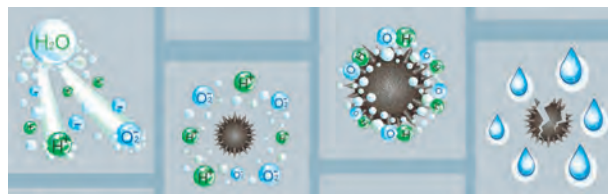
Monosplit air conditioner.

Reversible air/air heat pump with DC inverter technology.

- Fitted with a electrical anti-freeze heater (in unit base) to avoid the formation of ice and encourage the drainage of condensate during heating operation.
- Compressor and fan with DC inverter technology.
- Fitted with an electronic expansion valve.

Air Purifiers (Cold Plasma)

Capable of reducing pollutants breaking down their molecules using electric discharges, causing the splitting of the water molecules in the air into positive and negative ions. These ions neutralise the molecules of the gaseous pollutants obtaining products that are normally present in clean air. The device can eliminate 90% of bacteria. The result is clean, ionised air that has no bad odours.



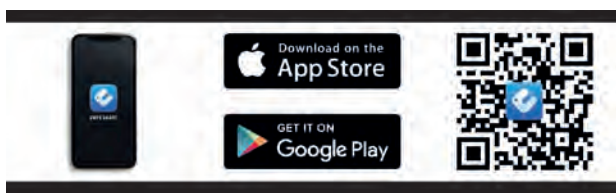
X-fan function

This self-cleaning system foresees that the fan of the indoor unit continues its operation for a few minutes after the unit is turned off, in order to perfectly dry the coil and avoid the formation and proliferation of pathogens.



Smart APP Ewpe

This system is fitted **standard** with a wi-fi module that can be used, along with the app for iOS and Android devices (available free on Apple Store and Google Play), to control the system remotely on your smartphone or tablet, or via Cloud with the aid of a wireless router connected to the Internet.



General features

- New R32 ecological refrigerant gas with low GWP.
- Operating mode: cooling, heating, dehumidification, automatic and fan only.
- Particularly quiet operation.
- Microprocessor control.
- Auto-restart function.
- Self-diagnosis function.
- Air filter easily removed and cleaned.
- Easy installation and maintenance.

ACCESSORIES

CC2: Centralised control with 7" touchscreen display for managing several indoor units within a number of multisplit systems. The centralised control has an integrated external contact. For more information, refer to the specific documentation.*

WRCA: Wired panel with liquid crystal display and soft-touch buttons. This accessory can be used to control not only the traditional system functions but also a weekly timer with a maximum of 8 daily time bands.

* **The CC2 centralised control can manage up to 36 CKG systems.**



Single air delivery



Dual air delivery (default)



Intake



ACCESSORIES COMPATIBILITY

Accessory	CKG260FS	CKG360FS	CKG500FS
CC2	*	*	*
WRCA	*	*	*

The accessory CC2 version 01 is compatible with the indoor units of the CKG_FS series, from version 01.

PERFORMANCE SPECIFICATIONS

Indoor unit		CKG260FS	CKG360FS	CKG500FS
Outdoor unit		CKG260	CKG360	CKG500
Nominal cooling performances				
Cooling capacity (1)	kW	2,70	3,52	5,20
Cooling input power (1)	kW	0,72	1,00	1,55
EER (2)	W/W	3,75	3,52	3,35
Moisture removed	l/h	0,8	1,2	1,8
Minimum cooling performances				
Cooling capacity	kW	0,70	0,80	1,26
Cooling input power	kW	0,17	0,16	0,38
Maximum cooling performances				
Cooling capacity	kW	3,40	4,40	6,60
Cooling input power	kW	1,30	1,50	2,45
Cooling input current	A	3,5	4,5	7,1
Seasonal efficiency				
SEER	W/W	7,20	7,00	6,60
Efficiency energy class (3)		A++	A++	A++
Annual power consumption	kWh/annum	131	175	276
Nominal heating performances				
Heating capacity (4)	kW	2,90	3,80	5,33
Heating input power (4)	kW	0,73	0,96	1,50
COP (2)	W/W	3,97	3,96	3,55
Minimum heating performances				
Heating capacity	kW	0,60	1,10	1,12
Heating input power	kW	0,13	0,17	0,35
Maximum heating performances				
Heating capacity	kW	3,50	4,40	6,80
Heating input power	kW	1,35	1,50	2,50
Heating input current	A	3,6	4,3	6,7
Seasonal efficiency (temperate climate)				
SCOP		4,00	4,10	4,10
Efficiency energy class (3)		A+	A+	A+
Annual power consumption	kWh/annum	910	1093	1750

(1) Cooling (EN-14511 and EN-14825) ambient air temperature 27 °C D.B. / 19 °C W.B.; outside air temperature 35 °C; max speed; length of refrigerant lines 5 m.

(2) EER/COP in accordance with the Standard (EN-14511), only declared for the purposes of the tax deductions in force at the time of this publication.

(3) Data in accordance with Delegated Regulation (EU) No. 626/2011.

(4) Heating (EN-14511 and EN-14825) ambient air temperature 20 °C D.B.; outside air temperature 7 °C D.B. / 6 °C W.B.; max speed; length of refrigerant lines 5 m.

INDOOR UNIT

		CKG260FS	CKG360FS	CKG500FS
Indoor unit				
Input power	W	35	40	50
Type of fan	Type	Inverter centrifugal		
Air flow rate				
Turbo	m³/h	500	600	700
Maximum	m³/h	430	520	650
Average	m³/h	370	440	520
Minimum	m³/h	280	360	410
Sound power				
Turbo	db(A)	50,0	54,0	57,0
Maximum	dB(A)	48,0	50,0	55,0
Average	dB(A)	44,0	46,0	51,0
Minimum	dB(A)	38,0	39,0	47,0
Sound pressure (1)				
Turbo	db(A)	39,0	44,0	47,0
Maximum	dB(A)	36,0	40,0	45,0
Average	dB(A)	31,0	36,0	41,0
Minimum	dB(A)	26,0	29,0	37,0
Indoor unit				
Condensate discharge diameter	mm	17,0	17,0	17,0

(1) Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.

OUTDOOR UNIT

		CKG260	CKG360	CKG500
Outdoor unit				
Type of fan	Type		Inverter axial	
Air flow rate				
Maximum	m ³ /h	1600	2200	3200
Sound power				
Maximum	dB(A)	60,0	62,0	65,0
Sound pressure (1)				
Maximum	dB(A)	49,0	52,0	57,0
Compressor				
Type	type		Inverter rotary	
Refrigerant	type		R32	
Refrigerant charge	kg	0,55	0,75	0,95
Potential global heating	GWP		675kgCO ₂ eq	
Equivalent CO ₂	t	0,37	0,51	0,64
Outdoor unit				
Condensate discharge diameter	mm	15,8	15,8	15,8

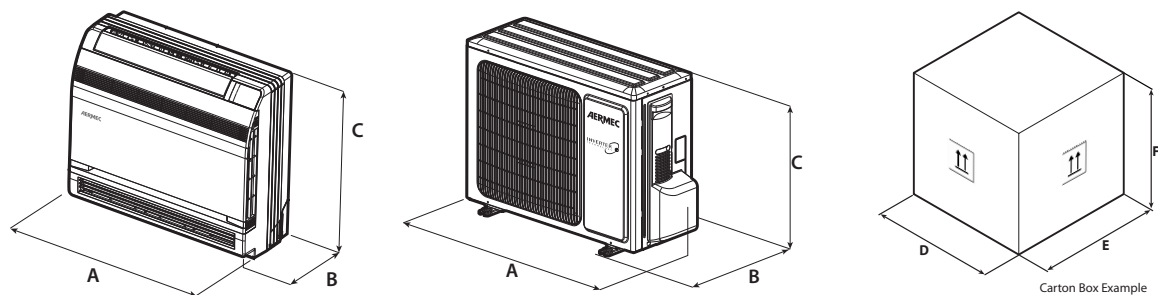
(1) Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.

GENERAL DATA

Indoor unit		CKG260FS	CKG360FS	CKG500FS
Outdoor unit				
		CKG260	CKG360	CKG500
Electric data				
Rated power input (1)	kW	1,4	1,5	2,5
Rated current input (1)	A	6,0	6,7	11,1
Refrigeration pipework				
Diameter of liquid refrigerant connections	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")
Diameter of refrigerant gas connections	mm (inch)	9,52 (3/8")	9,52 (3/8")	12,7 (1/2")
Maximum refrigerant tube length	m	15	20	25
Maximum refrigerant line level difference	m	10,0	10,0	10,0
Refrigerant to be added	g/m	16	16	16
Power supply				
Power supply		220-240V ~ 50Hz	220-240V ~ 50Hz	220-240V ~ 50Hz

(1) The rated power input (rated current input) is the maximum input electrical power (maximum current input) from the system, in accordance with the Standards EN-60335-1 and EN-60335-2-40.

DIMENSIONS AND WEIGHTS



		CKG260FS	CKG360FS	CKG500FS
Indoor unit				
A	mm	700	700	700
B	mm	215	215	215
C	mm	600	600	600
D	mm	788	788	788
E	mm	283	283	283
F	mm	697	697	697
Net weight	kg	16	16	16
Weight for transport	kg	19	19	19
		CKG260	CKG360	CKG500
Outdoor unit				
A	mm	782	848	965
B	mm	320	320	396
C	mm	540	596	700
D	mm	823	881	1029
E	mm	358	363	458
F	mm	595	645	750
Net weight	kg	28	31	46
Weight for transport	kg	30	34	51

Aermec reserves the right to make any modifications deemed necessary.
All data is subject to change without notice. Aermec does not assume
responsibility or liability for errors or omissions.

Aermec S.p.A.
Via Roma, 996 - 37040 Bevilacqua (VR) - Italia
Tel. 0442633111 - Telefax 044293577
www.aermec.com