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:

	Indoor units SLG_W				
	SLG200W	SLG250W	SLG350W	SLG500W	SLG700W
Monosplit outdoor units SLG		•	•	•	•
Multisplit utdoor units MLG	•	•	•	•	•

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.

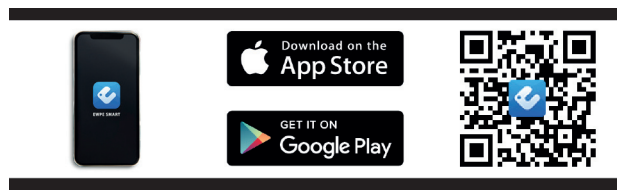| SLG	SLG250	SLG350	SLG500	SLG700
Fitted with an electronic expansion valve				•

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.
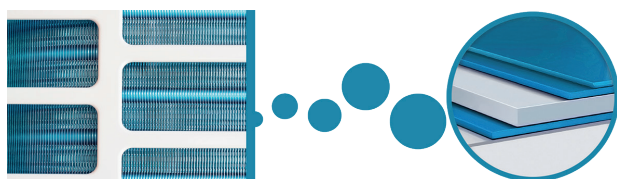
Smart APP Ewpe

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.
— Microproccessor 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 SLG systems.

In order to use accessory CC2, for each indoor unit, the WRCA wired panel (accessory) must be installed, with the IC-2P adapter accessory.
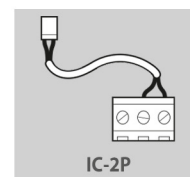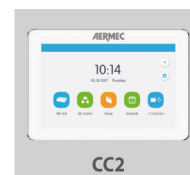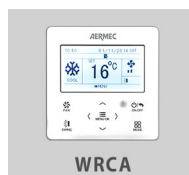
DCK: Remote Contact Kit. This accessory allows you to switch the system on and off using an external contact.
WIFIKIT: Plug & Play module to be installed in the indoor unit for Wi-Fi control. (Cable length 250 mm)
WIFIKIT01: Plug & Play module to be installed in the indoor unit for Wi-Fi control, equipped with Bluetooth® connection to ensure a better connection with smart devices. (Cable length 250 mm)
WIFIKIT10: Plug & Play module to be installed in the indoor unit for Wi-Fi control. (Cable length 450 mm)
WIFIKIT11: Plug & Play module to be installed in the indoor unit for Wi-Fi control, equipped with Bluetooth® connection to ensure a better connection with smart devices. (Cable length 450 mm)

| WRCA | DCK | CC2 |

| WIFIKIT WIFIKIT10 | WIFIKIT01 WIFIKIT11 | IC-2P |

ACCESSORIES COMPATIBILITY

Accessory	SLG200W	SLG250W	SLG350W	SLG500W	SLG700W
CC2 (1)	•	•	•	•	•
WRCA (1)	•	•	•	•	•

(1) Auto-restart function.

Accessory	SLG200W	SLG250W	SLG350W	SLG500W	SLG700W
IC-2P	•	•	•	•	•

Accessory	SLG200W	SLG250W	SLG350W	SLG500W	SLG700W
DCK	•	•	•	•	•
WIFIKIT	•	•	•		
WIFIKIT01	•	•	•		
WIFIKIT10				•	•
WIFIKIT11				•	•

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++
Pdesignc	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	W/W	4,00	4,00	4,00	4,00
Efficiency energy class (3)		A+	A+	A+	A+
Pdesignh	kW	2,60	3,20	3,60	4,70
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; turbo 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.; turbo speed; length of refrigerant lines 5 m.

INDOOR UNIT

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 (1)					
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 (2)					
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 power calculated in free field, in accordance with UNI EN ISO 3744.
(2) Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.

OUTDOOR UNIT

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 (1)					
Maximum	dB(A)	59,0	62,0	63,0	67,0
Sound pressure (2)					
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
Refrigerant charge	kg	0,55	0,59	0,77	1,30
Potential global heating	GWP	$675kgCO_2eq$	$675kgCO_2eq$	$675kgCO_2eq$	$675kgCO_2eq$
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 power calculated in free field, in accordance with UNI EN ISO 3744.
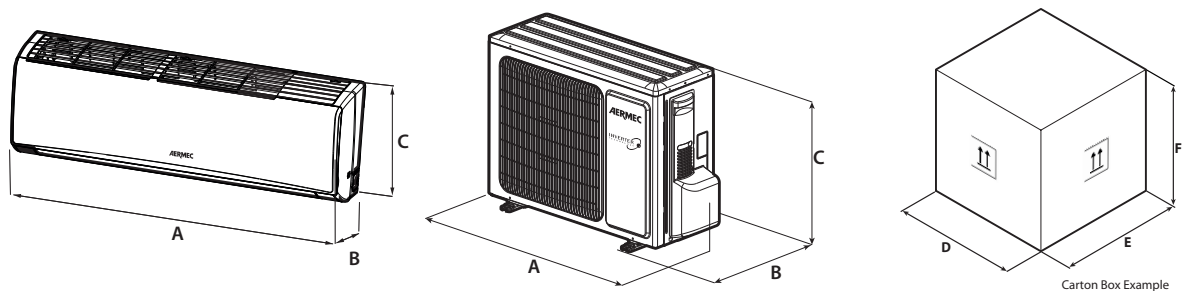(2) Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.

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

Carton Box Example

		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	9,00	9,00	14,00	14,00
Weight for transport	kg	11,00	11,00	17,00	17,00
		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	30,00	31,00	34,00	46,00
Weight for transport	kg	32,00	34,00	37,00	51,00