

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. 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.

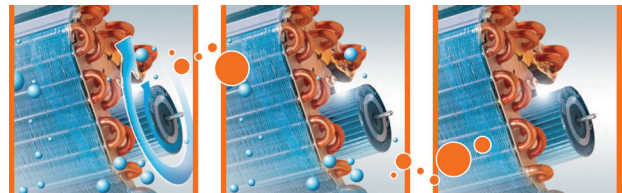
- Compressor and fan with DC inverter technology.

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.



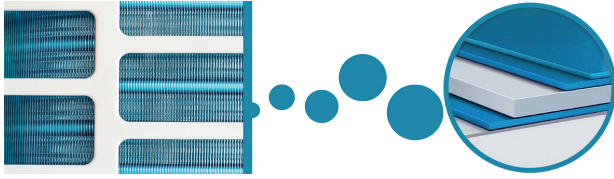
Smart APP Ewpe

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.

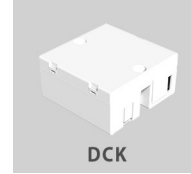
ACCESSORIES

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.



ACCESSORIES COMPATIBILITY

Accessory	SLG250W	SLG350W	SLG500W	SLG700W
WRCA	•	•	•	•
DCK	•	•	•	•
WIFIKIT	•	•	•	•
WIFIKIT10	•	•	•	•

PERFORMANCE SPECIFICATIONS

Indoor units		SLG250W	SLG350W	SLG500W	SLG700W
Outdoor units		SLG250	SLG350	SLG500	SLG700
Nominal cooling performances					
Cooling capacity (1)	kW	2,70	3,20	4,60	6,16
Cooling input power (1)	kW	0,80	1,00	1,40	1,80
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	0,50	0,60	0,70	1,80
Cooling input power	kW	0,10	0,10	0,20	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					
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
Annual power consumption	kWh/annum	139	184	264	350
Nominal heating performances					
Heating capacity (4)	kW	2,80	3,50	5,20	6,45
Heating input power (4)	kW	0,80	1,00	1,40	1,90
COP (2)	W/W	3,71	3,61	3,71	3,47
Minimum heating performances					
Heating capacity	kW	0,50	0,60	0,70	1,60
Heating input power	kW	0,20	0,10	0,20	0,70
Maximum heating performances					
Heating capacity	kW	4,20	3,80	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+
Pdesignh	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	m ³ /h	560	560	850	850
Maximum	m ³ /h	460	480	720	720
Average	m ³ /h	380	410	610	610
Minimum	m ³ /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

Indoor units		SLG250W	SLG350W	SLG500W	SLG700W
Outdoor units		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
Refrigerant charge	kg	0,6	0,6	0,8	1,3
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

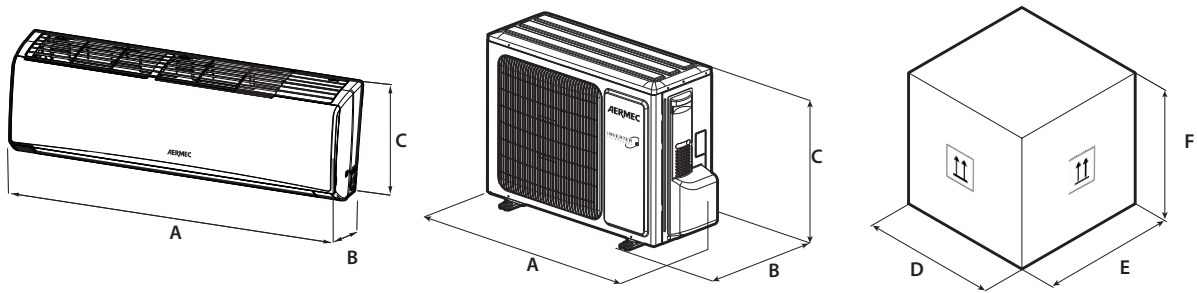
(1) Sound pressure measured in semi anechoic chamber at a distance of 1,5 m from the source.

GENERAL DATA

Indoor units		SLG250W	SLG350W	SLG500W	SLG700W
Outdoor units		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
Indoor units					
		SLG250W	SLG350W	SLG500W	SLG700W
Outdoor units					
		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

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