

SLG

Reversible Split System Heat Pumps

Cooling Capacity 2,7kW ÷ 6,1kW

Heating Capacity 2,8kW ÷ 6,4kW



SL250W - SL350W - SL500W - SL700W

- New ecologic R32 refrigerant gas
- Wi-Fi Kit: Plug & Play module for Wi-Fi control
- External Unit Defrost function



FEATURES

- Split Heat Pump suitable for cooling / heating in the residential environment. New design features and modern forms that are well suited to any style of interior. Five modes of operation (cooling, heating, dehumidification, ventilation Automatic and Only), to guarantee optimum comfort. The environmental comfort is also closely related to the sound level and is especially important in studies and bedrooms. The indoor units SLG, ensure comfort throughout the year by distributing air quietly.
- Operation Heat Pump with reverse cycle refrigerator and defrost control
 - Fan tangential 4 speed directly selected (Minimum, Average, Maximum, Turbo)
 - DC Inverter rotary compressor
 - Microprocessor control
 - Infrared remote controller with liquid crystal display to control all functions
 - Remote Control Holder
 - Emergency control possibility if the remote controller batteries are flat (Button AUTO on internal unit)
 - Front panel display showing operating modes and temperature. The display can be activated or deactivated from the remote controller (LIGHT)
 - A handy timer allows you to set up and program the startup and shutdown within a time span of 24 hours, the hours you select, and even in your absence.
 - Function Night Comfort (SLEEP)
 - The function adjusts the room temperature by reproducing the curve of body temperature during the night, thus ensuring an adequate physical and mental rest, whose benefit translate into increased productivity and efficiency.
 - Extended Ventilation (X-FAN) function prevents the growth of mould in the internal unit during Cooling and Dehumidification Modes
 - Intelligent pre-heat function to prevent jets of cold air (Heating Mode)
 - Auto-diagnostic function
 - Auto-Restart function after a power cut
 - External unit defrost function
 - External unit with condensate connection
 - Cleanable air filter
 - Horizontally adjustable air discharge louvres
 - Motorised deflector louvres controlled by the remote controller to vertically adjust the discharge air, with 5 fixed positions or floating (SWING)
 - Flare type refrigerant connections
 - Simple installation and maintenance

ACCESSORIES

- **WI-FI KIT and WI-FI KIT 10**
Plug & Play module to be installed in the indoor unit for *Wi-Fi* control. Using this accessory and the special *App* for *iOS* and *Android* devices (freely available on *Apple Store* and *Google play*), the system can be controlled from a distance, directly via your smartphone or tablet. The remote control can be done by *Cloud System* with a *Wireless Router* connected to the internet. The following table shows the compatibility between the Internal Units and the models WIFIKIT available.
- | Indoor Units | SL250W | SL350W | SL500W | SL700W |
|--------------|--------|--------|--------|--------|
| WIFIKIT | – | – | • | • |
| WIFIKIT10 | • | • | – | • |
- Key
 • compatible
 – not compatible
- **WRCA:** wired panel with liquid crystal display and *Soft-Touch* keys. Using this accessory, it's possible to control not only the traditional system functions but also a weekly timer with up to 8 daily time bands.
 - **The two accessories, WRCA and WIFIKIT/ WIFIKIT10, are mutually compatible and so they can be connected to the same indoor unit simultaneously.**
 - **DCK:** Remote Contact Kit. This accessory allows you to switch the system on and off using an external contact.

TECHNICAL DATA

Indoor Units			SLG250W	SLG350W	SLG500W	SLG700W
Outdoor Units			SLG250	SLG350	SLG500	SLG700
Cooling Capacity	Nominal (Min-Max)	kW	2,7(0,5-3,5)	3,2(0,6-3,6)	4,6(0,7-5,2)	6,1(1,8-6,4)
Cooling Power Input	Nominal (Min-Max)	kW	0,8(0,1-1,4)	1,0(0,1-1,4)	1,4(0,2-1,7)	1,8(0,6-2,5)
Cooling Current Input		A	3,8	4,4	6,3	7,7
Moisture Removed		l/h	0,8	1,4	1,8	1,8
Seasonal Efficiency	Energy Efficiency Class (1)		A**	A**	A**	A**
	SEER		6,8	6,1	6,1	6,1
	Pdesignc	kW	2,7	3,2	4,6	6,1
	Annual Power Consumption	kWh/annum	139	184	264	350
Heating Capacity	Nominal (Min-Max)	kW	2,8(0,5-4,2)	3,5(0,6-3,8)	5,2(0,7-5,4)	6,4(1,6-6,6)
Heating Power Input	Nominal (Min-Max)	kW	0,8(0,2-1,5)	1,0(0,1-1,5)	1,4(0,2-1,6)	1,9(0,7-2,6)
Heating Current Input		A	3,5	4,30	6,2	8,1
Seasonal Efficiency (Temperate Climate)	Energy Efficiency Class (1)		A*	A*	A*	A*
	SCOP		4,0	4,0	4,0	4,0
	Pdesignh	kW	2,6	3,2	3,6	4,7
	Annual Power Consumption	kWh/annum	910	1120	1260	1645
Refrigerant Gas		Tipo / GWP	R32 / 675kgCO ₂ eq			
Refrigerant Charge		kg	0,6	0,6	0,8	1,3
EER	(2)		3,29	3,21	3,22	3,50
COP	(2)		3,71	3,61	3,71	3,47
Rated Power Input	(3)		1,5	1,5	1,7	2,6
Rated Current Input	(3)		6,3	6,2	8	10,9
Indoor Units						
Air flow rate (Turbo/Max/Med/Min)		m ³ /h	560/460/380/290	560/480/410/290	850/720/610/520	850/720/610/520
Sound Power (Turbo/Max/Med/Min)		dB(A)	55/46/40/35	55/47/44/38	58/54/49/44	59/54/50/44
Sound Pressure (Turbo/Max/Med/Min)	(4)	dB(A)	41/35/29/24	42/37/34/28	48/45/39/34	48/44/40/34
Outdoor Units						
Air flow rate (Max)		m ³ /h	1600	2200	2200	3200
Sound Power (Max)		dB(A)	59	62	63	67
Sound Pressure (Max)	(4)	dB(A)	50	52	54	57
Compressor		Tipo	Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter
Refrigerant Connections	Ø Liquid	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")
	Ø Gas	mm (inch)	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	15,9 (5/8")
Refrigerant Lines	Pipe length	Max m	15	20	20	25
	Height difference	Max m	10	10	10	10
Power Supply		-	220-240 ~ 50Hz	220-240 ~ 50Hz	220-240 ~ 50Hz	220-240 ~ 50Hz

Cooling(EN-14511 e EN-14825)

Ambient air temperature 27°C D.B. / 19°C W.B Outside air temperature 35°C; Max speed; Length of Refrigerant Lines 5m.

Heating (EN-14511 e 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 5m.

Min = Minimum; Med = Medium; Max = Maximum.

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

(2) EER/COP in accordance with the Standard (EN-14511)

(3) 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

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

DIMENSIONS AND WEIGHTS

DIMENSIONS					
INDOOR UNITS		SLG250W	SLG350W	SLG500W	SLG700W
Without package					
A x B x C	mm	275×790×200	275×790×200	300×970×224	300×970×224
With package					
A x B x C	mm	367×866×271	367×866×271	383×1041×320	383×1041×320
WEIGHT					
Net weight	kg	9	9	13,5	13,5
Gross weight	kg	11	11	16,5	16,5
OUTDOOR UNITS					
Without package		SLG250	SLG350	SLG500	SLG700
A x B x C	mm	540×782×320	596×848×320	596×848×320	700×963×396
With package					
A x B x C	mm	595×823×358	645×881×363	645×881×363	750×1029×458
Weight					
Net weight	kg	29,5	31	34	46
Gross weight	kg	32	34	37	50,5

