

SL

Reversible Split System Heat Pumps

Cooling Capacity 2,5kW ÷ 6,2kW

Heating Capacity 2,8kW ÷ 6,2kW



- Wi-Fi Kit: Plug & Play module for Wi-Fi control
- External Unit Defrost function



SL250W - SL350W - SL500W - SL700W



CHARACTERISTICS

- 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 benefits 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 louvers
 - Motorised deflector louvers 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.

WIFIKIT COMPATIBILITY

Indoor Units	SL250W	SL350W	SL500W	SL700W
WIFIKIT	—	—	•	•
WIFIKIT10	•	•	—	—

Key

- compatible
- not compatible

TECHNICAL DATA

Indoor Units				SL250W	SL350W	SL500W	SL700W
Outdoor Units				SL250	SL350	SL500	SL700
Cooling Capacity	Nominal (Min-Max)	kW		2,5(0,6-2,8)	3,2(0,6-3,6)	4,6(0,7-5,2)	6,2(1,8-6,3)
Cooling Power Input	Nominal (Min-Max)	kW		0,81(0,1-1,3)	1,00(0,1-1,4)	1,4(0,1-1,9)	2(0,5-2,2)
Cooling Current Input		A		3,60	4,50	6,34	9,35
Moisture Removed		l/h		0,80	1,40	1,80	2
Seasonal Efficiency	Energy Efficiency Class	(1)		A++	A++	A++	A++
	SEER			6,1	6,1	6,1	6,5
	Pdesignc		kW	2,5	3,2	4,6	6,1
	Annual Power Consumption		kWh/annum	143	184	264	328
Heating Capacity	Nominal (Min-Max)	kW		2,8(0,6-3,2)	3,4(0,6-3,8)	5,0(0,7-5,3)	6,2(1,8-6,8)
Heating Power Input	Nominal (Min-Max)	kW		0,8(0,1-1,4)	0,9(0,1-1,5)	1,4(0,2-1,7)	1,9(0,5-2,4)
Heating Current Input		A		3,5	4,4	6,1	10
Seasonal Efficiency (Temperate Climate)	Energy Efficiency Class	(1)		A+	A+	A+	A+
	SCOP			4,0	4,0	4,0	4,0
	Pdesignh		kW	2,5	3,2	3,3	4,6
	Annual Power Consumption		kWh/annum	875	1120	1155	1610
Refrigerant Gas				Tipo / GWP			
Refrigerant Charge				R410A / 2087,5kgCO ₂ eq			
				kg			
EER				(2)			
COP				(2)			
Rated Power Input				(3) kW			
Rated Current Input				(3) A			
Indoor Units							
Air flow rate (Turbo/Max/Med/Min)				m ³ /h			
Sound Power (Turbo/Max/Med/Min)				dB(A)			
Sound Pressure (Turbo/Max/Med/Min)				(4) dB(A)			
Outdoor Units							
Air flow rate (Max)				m ³ /h			
Sound Power (Max)				dB(A)			
Sound Pressure (Max)				(4) dB(A)			
Compressor				Tipo			
Refrigerant Connections				Ø Liquid			
				mm (inch)			
				Ø Gas			
				mm (inch)			
Refrigerant Lines	Pipe length	Max	m	15	20	20	25
	Height difference	Max	m	10	10	10	10
Power Supply				V/Ph/Hz			

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.

(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 WEIGHT

DIMENSIONS	SL250W	SL350W	SL500W	SL700W
INDOOR UNIT				
Without Package	mm			
A x B x C	275×790×200	275×790×200	300×970×224	300×970×224
With Package	mm			
A x B x C	342×850×262	342×850×262	308×1041×383	308×1041×383
Weight	kg			
Net	9	9	13,5	13,5
Gross	11	11	16,5	16,5
DIMENSIONS				
INDOOR UNIT				
Without Package	mm			
A x B x C	540×782×320	596×848×320	596×848×320	700×967×396
With Package	mm			
A x B x C	583×823×363	633×883×363	633×883×363	743×1033×463
Weight	kg			
Net	26,5	29	33	46
Gross	29	32	36	50,5

