

## RESIDENTIAL LINE MULTISPLIT DC INVERTER Split system air conditioners R32



MULTISPLIT SUN DC INVERTER



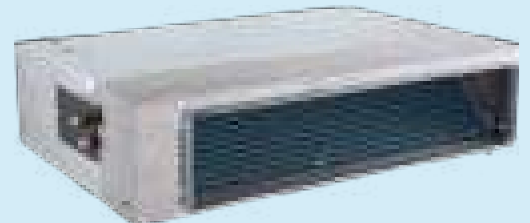
MULTISPLIT CEILING / FLOOR DC  
INVERTER



MULTISPLIT CONSOLE  
DC INVERTER



MULTISPLIT CASSETTE  
DC INVERTER



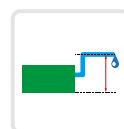
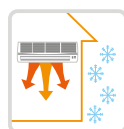
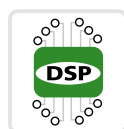
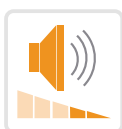
MULTISPLIT DUCTED  
DC INVERTER

### FUNCTIONALITY AND SAVINGS

The multi systems house a rotary compressor with DC Inverter technology.

The inverter is the most advanced electronic technology applied to air conditioning today offers. By operating your air conditioner at variable speeds and powers, it ensures rapidity in reaching the set temperature (approximately 2/3 of the time of a traditional air conditioner) and allows a reduction of up to 70% in energy consumption.

A2B Accorroni E.G. however, he also wanted to think about your health, equipping your split wall air conditioners with plasma filter, activated carbon filter, bag filter and double electrostatic filter.



# MULTI SPLIT DC INVERTER OUTDOOR UNITS

## Outdoor multi DC inverter units

SCOP = 5,1 A+++

DC inverter

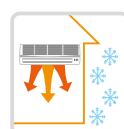
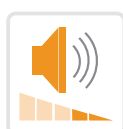


### TECHNICAL FEATURES

- Rotary compressor with DC Inverter technology.
- Quickness in reaching the set temperature (about 2/3 of the time of a traditional air conditioner) - Up to 70% reduction in energy consumption.
- Silent operation
- Operation in heat pump up to -15 ° C outside
- Automatic restart in case of electric current surges

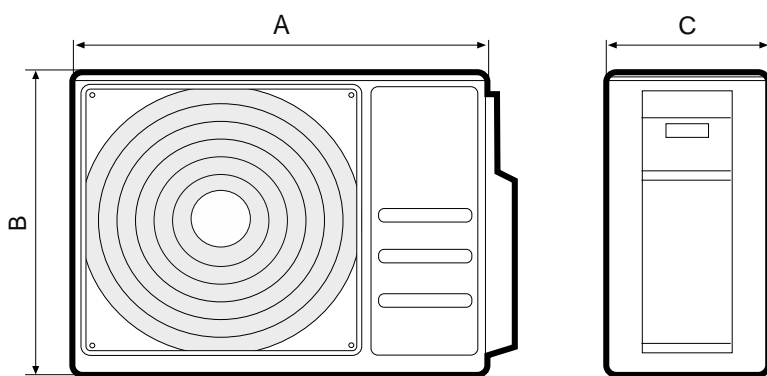
### MULTI SPLIT OUTDOOR UNITS DC INVERTER

MODEL		COOLING POWER kW	THERMAL POWER kW	€
MULTI 2 LIGHT DC INVERTER OUTDOOR UNIT	cod. 63000002L	4,1 (2,0÷4,9)	4,3 (2,3÷4,2)	1.414,00
MULTI 2 DC INVERTER OUTDOOR UNIT	cod. 63000002	5,3 (2,0÷6,3)	5,6 (2,3÷6,6)	1.623,00
MULTI 3 LIGHT DC INVERTER OUTDOOR UNIT	cod. 63000003L	6,2 (2,0÷7,3)	6,6 (2,3÷7,9)	2.216,00
MULTI 3 DC INVERTER OUTDOOR UNIT	cod. 63000003	8,0 (2,0÷9,4)	8,2 (2,3÷9,8)	2.534,00
MULTI 4 DC INVERTER OUTDOOR UNIT	cod. 63000004	10,5 (2,0÷12,6)	10,5 (2,3÷13,1)	3.324,00
MULTI 5 DC INVERTER OUTDOOR UNIT	cod. 63000005	12,3 (2,0÷14,1)	12,3 (2,3÷14,7)	4.754,00



# MULTI SPLIT DC INVERTER OUTDOOR UNITS

## Outdoor multi DC inverter units



	A	B	C	
	mm	mm	mm	kg
MULTI 2 LIGHT INVERTER	800	554	333	31,6
MULTI 2 INVERTER	800	554	333	35,5
MULTI 3 LIGHT INVERTER	845	702	363	46,8
MULTI 3 INVERTER	845	702	363	51,1
MULTI 4 INVERTER	946	810	410	68,8
MULTI 5 INVERTER	946	810	410	73,3

**DC inverter**

TECHNICAL DATA	UM	MULTI 2 LIGHT	MULTI 2	MULTI 3 LIGHT	MULTI 3	MULTI 4	MULTI 5
Cooling power	kW	4,1 (2,0÷4,9)	5,3 (2,0÷6,3)	6,2 (2,0÷7,3)	8,0 (2,0÷9,4)	10,5 (2,0÷12,6)	12,3 (2,0÷14,1)
Absorbed power	kW	1,2 (0,4÷1,5)	1,6 (0,5÷2,0)	1,9 (0,6÷2,3)	2,4 (0,8÷3,0)	3,2 (1,1÷3,9)	3,8 (1,3÷4,5)
Current consumption	A	5,9	7,1	9,0	13,7	14,5	17,3
S.E.E.R		6,8 <b>A++</b>	6,1 <b>A++</b>	6,5 <b>A++</b>	6,1 <b>A++</b>	6,5 <b>A++</b>	6,6 <b>A++</b>
Thermal power	kW	4,3 (2,3÷5,2)	5,6 (2,3÷6,6)	6,6 (2,3÷7,9)	8,2 (2,3÷9,8)	10,5 (2,3÷13,1)	12,3 (2,3÷14,7)
Absorbed power	kW	1,1 (0,4÷1,5)	1,5 (0,5÷1,8)	1,7 (0,6÷2,2)	2,2 (0,7÷2,7)	2,8 (1,0÷3,6)	3,3 (1,1÷4,1)
Current consumption	A	5,3	6,6	8,1	12,5	12,6	15,0
S.C.O.P. Mid-range		4,0 <b>A+</b>	4,0 <b>A+</b>	4,0 <b>A+</b>	4,0 <b>A+</b>	4,0 <b>A+</b>	3,8 <b>A+</b>
S.C.O.P. Warm band		5,1 <b>A+++</b>	5,1 <b>A+++</b>	5,2 <b>A+++</b>	5,1 <b>A+++</b>	5,0 <b>A+++</b>	5,1 <b>A+++</b>
Compressor		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Supply		230/1/50Hz	230/1/50Hz	230/1/50Hz	230/1/50Hz	230/1/50Hz	230/1/50Hz
Air flow	m <sup>3</sup> /h	2100	2200	3000	2700	4000	3850
Sound level	dB(A)	64	65	66	67	68	69
Outdoor temperature*	°C	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50
Quantity refrigerant	R32/g	900	1250	1400	1720	2100	2400
Additional charge	g/m	15	15	22,5	22,5	37,5	37,5
Max length for all U.I.	m	40	40		60	80	80
Max length for one U.I.	m	25	25	30	30	35	35
Max diff. between U.I and U.E.	m	15	15	15	15	15	15
Dislevel max units	m	10	10	10	10	10	10
Gas connections		3/8"	3/8"	3/8"	3/8"	3x3/8"+1x1/2"	4x3/8"+1x1/2"
Liquid connections		1/4"	1/4"	1/4"	1/4"	4x1/4"	5x1/4"

For system consumption, refer to the label of the outdoor unit

Cooling test conditions: int. 27 ° C d.b. / 19.5 ° C wb.- East. 35 ° C d.b. / 24 ° C wb

Heating test conditions: int. 20 ° C db - Ext. 7 ° C d.b. / 6 ° C wb

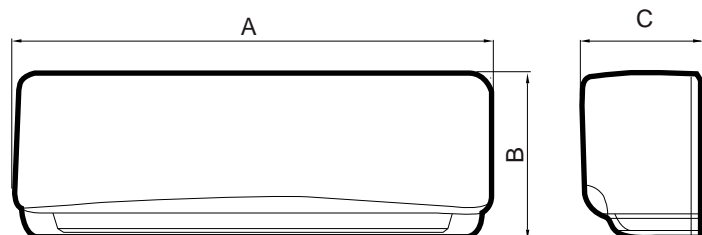
# MULTI SPLIT DC INVERTER OUTDOOR UNITS

## Outdoor multi DC inverter units

MULTI 2 LIGHT	MULTI 2	MULTI 3		MULTI 4		
9 + 9	9 + 12	9 + 9	9 + 9 + 9	9 + 9	9 + 9 + 9	12 + 12 + 18
		9 + 12	9 + 9 + 12	9 + 12	9 + 9 + 12	9 + 9 + 9 + 9
		12 + 12	9 + 12 + 12	12 + 12	9 + 12 + 12	9 + 9 + 9 + 12
		9 + 18	9 + 9 + 18	9 + 18	9 + 9 + 18	9 + 9 + 12 + 12
		12 + 18	12 + 12 + 12	12 + 18	12 + 12 + 12	
				18 + 18	9 + 12 + 18	

MULTI 5			
9 + 9	9 + 9 + 9	9 + 9 + 9 + 9	9 + 9 + 9 + 9 + 9
9 + 12	9 + 9 + 12	9 + 9 + 9 + 12	9 + 9 + 9 + 9 + 12
9 + 18	9 + 9 + 18	9 + 9 + 9 + 18	9 + 9 + 9 + 9 + 18
9 + 21	9 + 9 + 21	9 + 9 + 9 + 21	9 + 9 + 9 + 9 + 21
9 + 24	9 + 9 + 24	9 + 9 + 9 + 24	9 + 9 + 9 + 9 + 24
12 + 12	9 + 12 + 12	9 + 9 + 12 + 12	9 + 9 + 9 + 12 + 12
12 + 18	9 + 12 + 18	9 + 9 + 12 + 18	9 + 9 + 9 + 12 + 18
12 + 21	9 + 12 + 21	9 + 9 + 12 + 21	9 + 9 + 9 + 12 + 21
12 + 24	9 + 12 + 24	9 + 9 + 12 + 24	9 + 9 + 9 + 12 + 24
18 + 18	9 + 18 + 18	9 + 9 + 18 + 18	9 + 9 + 9 + 18 + 18
18 + 21	9 + 18 + 21	9 + 9 + 18 + 21	9 + 9 + 9 + 18 + 21
18 + 24	9 + 18 + 24	9 + 9 + 18 + 24	9 + 9 + 12 + 12 + 12
21 + 21	9 + 21 + 21	9 + 9 + 21 + 21	9 + 9 + 12 + 12 + 18
21 + 24	9 + 21 + 24	9 + 9 + 21 + 24	9 + 9 + 12 + 12 + 21
24 + 24	9 + 24 + 24	9 + 12 + 12 + 12	9 + 9 + 12 + 18 + 18
	12 + 12 + 12	9 + 12 + 12 + 18	9 + 9 + 12 + 18 + 21
	12 + 12 + 18	9 + 12 + 12 + 21	9 + 12 + 12 + 12 + 12
	12 + 12 + 21	9 + 12 + 12 + 24	9 + 12 + 12 + 12 + 18
	12 + 12 + 24	9 + 12 + 18 + 18	12 + 12 + 12 + 12 + 12
	12 + 18 + 18	9 + 12 + 18 + 21	
	12 + 18 + 21	9 + 12 + 18 + 24	
	12 + 18 + 24	9 + 12 + 21 + 21	
	12 + 21 + 21	9 + 18 + 18 + 18	
	12 + 21 + 24	12 + 12 + 12 + 12	
	12 + 24 + 24	12 + 12 + 12 + 18	
	18 + 18 + 18	12 + 12 + 12 + 21	
	18 + 18 + 21	12 + 12 + 12 + 24	
	18 + 18 + 24	12 + 12 + 18 + 18	
	18 + 21 + 21	12 + 12 + 18 + 21	
	18 + 21 + 24		
	2 1 + 21 + 21		

## MULTISPLIT SUN DC INVERTER - INDOOR UNIT R32 split system air conditioners with Wi-Fi




	A	B	C	
	mm	mm	mm	kg
MULTISPLIT SUN 9 INVERTER U.I.	722	290	187	7,3
MULTISPLIT SUN 12 INVERTER U.I.	802	297	189	8,2
MULTISPLIT SUN 18 INVERTER U.I.	965	319	215	10,8



### MULTISPLIT MOON DC INVERTER

MODEL		COOLING POWER kW	THERMAL POWER kW	€
MULTISPLIT SUN 9 DC INVERTER U.I. R32	cod. 63000000	2,7 (1,0÷3,1)	2,8 (0,9÷3,6)	320,00
MULTISPLIT SUN 12 DC INVERTER U.I. R32	cod. 63010000	3,5 (0,8÷4,1)	3,8 (0,8÷4,7)	370,00
MULTISPLIT SUN 18 DC INVERTER U.I. R32	cod. 63020000	5,3 (1,7÷6,2)	5,6 (1,0÷7,0)	540,00

### ACCESSORIES

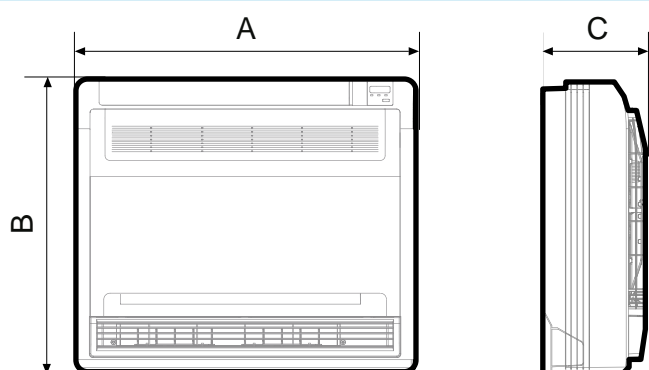
	SMART KIT WI-FI	cod. 63000001	90,00
---	-----------------	---------------	-------

TECHNICAL DATA	UM	MULTISPLIT SUN 9	MULTISPLIT SUN 12	MULTISPLIT SUN 18
Cooling power	kW	2,7 (1,0÷3,1)	3,5 (0,8÷4,1)	5,3 (1,7÷6,2)
Absorbed power	kW	24	24	34
Current consumption	A	0,11	0,11	0,15
Thermal Power	kW	2,8 (0,9÷3,6)	3,8 (0,8÷4,7)	5,6 (1,0÷7,0)
Absorbed power	kW	0,70	0,80	1,40
Current consumption	A	0,11	0,11	0,15
Alimentazione		230V/1/50Hz	230V/1/50Hz	230V/1/50Hz
Air flow	m <sup>3</sup> /h	416/309/230	539/478/294	750/505/420
Sound level	dB (A)	39/31/23/20	38/32/22/21	42/33/27/21
Piping Length	m	≤ 40	≤ 40	≤ 40
Dislevel units	m	≤ 15	≤ 15	≤ 15
Gas connections		3/8"	3/8"	1/2"
Liquid connections		1/4"	1/4"	1/4"

Cooling test conditions: int. 27 ° C d.b. / 19.5 ° C wb. - Ext. 35 ° C db./ 24 ° C wb.  
 Heating test conditions: int. 20 ° C db. - Ext. 7 ° C d.b. / 6 ° C wb.



## MULTISPLIT CONSOLE DC INVERTER R32 split system air conditioners with Wi-Fi



	A	B	C	kg
	mm	mm	mm	
CONSOLE 9 INVERTER U.I.	700	600	210	14,8
CONSOLE 12 INVERTER U.I.	700	600	210	14,8

### MULTISPLIT CONSOLE DC INVERTER

MODEL		COOLING POWER kW	THERMAL POWER kW	€
CONSOLE 9 DC INVERTER U.I.	cod. 63000013	2,60	2,90	829,00
CONSOLE 12 DC INVERTER U.I.	cod. 63000014	3,50	4,10	940,00

### ACCESSORIES



WI-FI SMART PORT WALL CONTROL WI-FI FOR CONSOLE,  
CEILING / FLOOR, CASSETTE AND DUCTABLE

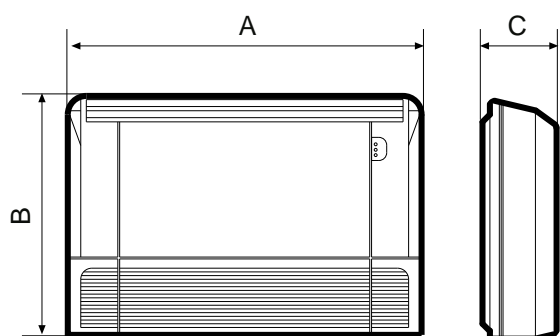
cod. 63000012

150,00

TECHNICAL DATA	UM	CONSOLE 9	CONSOLE 12
Cooling power	kW	2,6	3,5
Absorbed power	kW	0,70	0,70
Current consumption	A	0,40	0,40
Thermal Power	kW	2,9	4,1
Absorbed power	kW	0,70	0,70
Current consumption	A	0,40	0,40
Supply		230V/1/50Hz	230V/1/50Hz
Air flow	m <sup>3</sup> /h	512/480/370	512/480/370
Sound level	dB (A)	43/41,5/35	43/41,5/35
Gas connections		3/8"	3/8"
Liquid connections		1/4"	1/4"

For system consumption, refer to the label of the outdoor unit  
Cooling test conditions: int. 27 °C d.b. / 19,5 °C wb. - Ext. 35 °C d.b. / 24 °C wb.  
Heating test conditions: int. 20 °C db. - Ext. 7 °C d.b. / 6 °C wb.

## MULTISPLIT CEILING / FLOOR DC INVERTER R32 split system air conditioners with Wi-Fi



	A	B	C	
	mm	mm	mm	kg
ceiling/floor 18 INVERTER U.I.	1068	675	235	28

### MULTISPLIT CEILING/FLOOR DC INVERTER

MODEL		COOLING POWER kW	THERMAL POWER kW	€
CEILING/FLOOR 18 DC INVERTER U.I.	cod. 63000011	5,3	5,4	1.059,00

### ACCESSORIES



WI-FI SMART PORT WALL CONTROL WI-FI FOR CONSOLE,  
CEILING/FLOOR, CASSETTE AND DUCTABLE

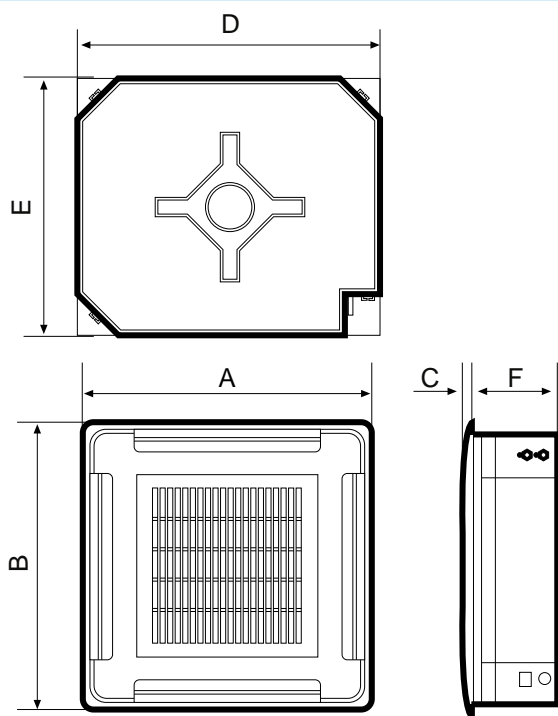
cod. 63000012

150,00

TECHNICAL DATA	UM	CEILING/FLOOR 18
Cooling power	kW	5,3
Absorbed power	kW	0,10
Current consumption	A	0,44
Thermal power	kW	5,4
Absorbed power	kW	0,10
Current consumption	A	0,44
Supply		230V/1/50Hz
Air flow	m <sup>3</sup> /h	880/760/650
Sound level	dB (A)	41,5/38,5/34,5
Gas connection		1/2"
Liquid connection		1/4"

For system consumption, refer to the label of the outdoor unit  
Cooling test conditions: int. 27 ° C d.b. / 19.5 ° C wb. - Ext. 35 ° C d.b. / 24 ° C wb.  
Heating test conditions: int. 20 ° C db. - Ext. 7 ° C d.b. / 6 ° C wb.

## MULTISPLIT DC INVERTER CASSETTE R32 split system air conditioners with Wi-Fi




	A	B	C	D	E	F	
	mm	mm	mm	mm	mm	mm	kg
CASSETTE INVERTER 12 U.I.	647	647	50	570	570	260	19
CASSETTE INVERTER 18 U.I.	647	647	50	570	570	260	19

### MULTISPLIT CASSETTE DC INVERTER

MODEL		COOLING POWER kW	THERMLA POWER kW	€
CASSETTE 12 DC INVERTER U.I. R32	cod. 63000006	3,50	4,10	994,00
CASSETTE 18 DC INVERTER U.I. R32	cod. 63000007	5,20	5,40	1.114,00

### ACCESSORIES

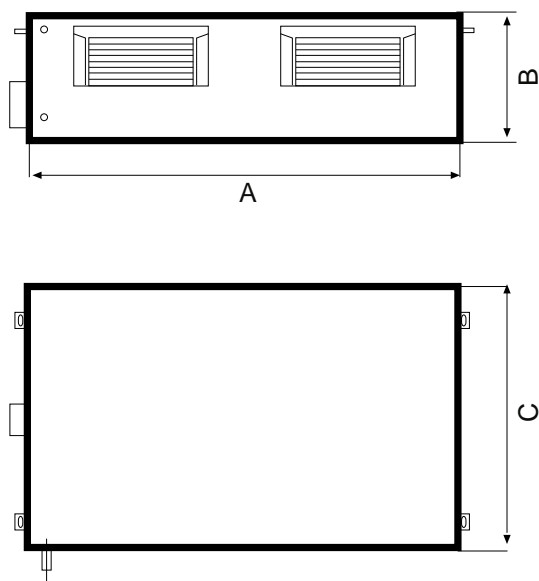
	WI-FI SMART PORT WALL CONTROL WI-FI FOR CONSOLE, CEILING/FLOOR, CASSETTE AND DUCTABLE	cod. 63000012	150,00
--	--	---------------	--------

TECHNICAL DATA	UM	CASSETTE 12	CASSETTE 18
Cooling power	kW	3,5	5,2
Absorbed power	kW	0,8	1,6
Current consumption	A	3,8	7,2
Thermal power	kW	4,1	5,4
Absorbed power	kW	1,1	1,4
Current consumption	A	5,0	6,4
Supply		230V/1/50Hz	230V/1/50Hz
Air flow	m <sup>3</sup> /h	617/504/416	680/560/500
Sound level	dB (A)	43/39/35	44/42/41
Gas connctions		3/8"	1/2"
Liquid connections		1/4"	1/4"

For system consumption, refer to the label of the outdoor unit  
Cooling test conditions: int. 27 ° C d.b. / 19.5 ° C wb. - Ext. 35 ° C d.b. / 24 ° C wb.  
Heating test conditions: int. 20 ° C db. - Ext. 7 ° C d.b. / 6 ° C wb.



## DUCTED MULTISPLIT DC INVERTER R32 split system air conditioners with Wi-Fi



	A	B	C	
	mm	mm	mm	kg
DUCT 9 INVERTER U.I.	700	200	450	18
DUCT 12 INVERTER U.I.	700	200	450	18
DUCT 18 INVERTER U.I.	880	210	674	24,3

### MULTISPLIT DUCTABLE DC INVERTER

MODEL		COOLING POWER kW	THERMAL POWER kW	€
DUCT 9 DC INVERTER U.I. R32	cod. 63000008	2,60	2,90	859,00
DUCT 12 DC INVERTER U.I. R32	cod. 63000009	3,50	3,80	863,00
DUCT 18 DC INVERTER U.I. R32	cod. 63000010	5,30	5,60	1.079,00

### ACCESSORIES



WI-FI SMART PORT WALL CONTROL WI-FI FOR CONSOLE,  
CEILING/FLOOR, CASSETTE AND DUCTABLE

cod. 63000012

150,00

TECHNICAL DATA	UM	DUCT 9	DUCT 12	DUCT 18
Cooling power	kW	2,6	3,5	5,3
Absorbed power	kW	0,1	0,1	0,2
Current consumption	A	1,1	1,1	1,3
Thermal power	kW	2,9	3,8	5,6
Absorbed power	kW	0,1	0,1	0,2
Current consumption	A	1,1	1,1	1,3
Supply		230V/1/50Hz	230V/1/50Hz	230V/1/50Hz
Air flow	m <sup>3</sup> /h	500/340/230	600/480/300	880/650/350
Profit prevalence	Pa	0-40	0-60	0-100
Sound level	dB (A)	40/34/27,5	40/34/27,5	41,5/38/33
Gas connections		3/8"	3/8"	1/2"
Liquid connections		1/4"	1/4"	1/4"

For system consumption, refer to the label of the outdoor unit  
Cooling test conditions: int. 27 °C d.b. / 19.5 °C wb. - Ext. 35 °C d.b. / 24 °C wb.  
Heating test conditions: int. 20 °C db. - Ext. 7 °C d.b. / 6 °C wb.