

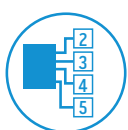
# NEXYA<sup>®</sup> MULTISPLIT

Energy efficient multisplit inverter air conditioners



## HIGH EFFICIENCY TECHNOLOGY

Class A++ in cooling  
Class A+ in heating intermediate season  
A++ / A+++ Class in heating warmer season



## MULTISPLIT

Nexya is available in the versions: dual, tria, quadri and penta, to air-condition up to four rooms by using only one outside motor.



## OLIMPIA SPLENDID INVERTER SYSTEM

Consumption is thus reduced by 30% compared to motors with traditional technology.



## HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace or support traditional heating in intermediate seasons.



## R32 GAS

Low-environmental impact GAS coolant

## FUNCTIONS

Fan only mode  
Dehumidification only mode  
Auto mode: changes parameters depending on ambient temperature.  
Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

## MULTISPLIT SELECTION:

The Nexya Multi is a stackable system: mixed systems can be designed by using wall units, ducted units or cassette units, and by choosing the right size depending on the thermal load of the system.

		ODU Nexya S4 E Dual Inverter 14	ODU Nexya S4 E Dual Inverter 18	ODU Nexya S4 E Trial Inverter 21	ODU Nexya S4 E Quadri Inverter 28	ODU Nexya S4 E Penta Inverter 42	
<b>PRODUCT CODE OUTDOOR UNIT</b>		OS-CEMYH14EI	OS-CEMYH18EI	OS-CEMYH21EI	OS-CEMYH28EI	OS-CEMEH42EI	
<b>EAN CODE</b>		8021183116021	8021183116038	8021183116045	8021183116052	8021183115161	
<b>Supply voltage</b>		V / F / Hz One Phase 220-240 / 1 / 50					
Cooling	<b>Capacity (min / rated / max)</b>	kW	1,44 - 4,10 - 4,79	2,05 - 5,27 - 6,86	1,94 - 6,15 - 6,86	2,05 - 8,20 - 9,84	2,05 - 12,31 - 14,15
	<b>Absorbed power</b>	W	1270(120-1680)	1630(690-2000)	1950(180-2240)	2540(890-3180)	4260(1490-4580)
	<b>Current consumption</b>	A	5,9(0,78-9,1)	7,1(3,1-9,2)	9,0(1,09-9,9)	11,3(3,9-14,1)	18,5(6,6~20,3)
	<b>Theoretical Load (PdesignC)</b>	kW	4,1	5,3	6,1	8,2	12,4
	<b>SEER</b>		6,8	6,1	6,1	6,1	6,1
	<b>Energy efficiency class</b>		<b>A++</b>	<b>A++</b>	<b>A++</b>	<b>A++</b>	<b>A++</b>
	<b>Annual energy consumption</b>	kWh/A	256	304	350	470	711
Heating	<b>Capacity (min / rated / max)</b>	kW	1,45 - 6,59 - 6,86	2,34 - 5,57 - 7,24	1,73 - 6,59 - 7,25	2,34 - 8,79 - 10,55	2,34 - 12,31 - 14,77
	<b>Absorbed power</b>	W	1770 (250-1980)	1500 (600-1670)	1780 (325-1920)	2200 (770-2750)	3100 (1090-4000)
	<b>Current consumption</b>	A	8,1 (1,76-8,8)	6,6 (2,6-7,9)	8,5 (1,94-8,5)	9,8 (3,4-12,2)	13,5 (4,8-17,8)
	<b>Theoretical Load (PdesignH) (average climate - warmer climate)</b>	kW	3,7 - 3,7	4,3 - 5,1	5,6 - 5,6	6,5 - 6,9	9,2 - 10,6
	<b>Scop (average climate - warmer climate)</b>		4,0 - 5,1	4,0 - 5,1	4,0 - 4,8	3,8 - 4,6	3,5 - 4,9
	<b>Energy efficiency class (average climate - warmer climate)</b>	average climate warmer climate	<b>A+</b> <b>A+++</b>	<b>A+</b> <b>A+++</b>	<b>A+</b> <b>A+++</b>	<b>A</b> <b>A+++</b>	<b>A</b> <b>A+++</b>
	<b>Annual energy consumption (average climate - warmer climate)</b>	kWh/A	1363- 1220	1537- 1400	1960- 1633	2395- 2100	3680- 3029
<b>Operating limit temperature</b>	°C	-15	-15	-15	-15	-15	
<b>Energy efficiency E.E.R./C.O.P.</b>		W/W	3,23 - 3,71	3,24 - 3,71	3,23 - 3,71	3,23 - 4,00	2,89 - 3,97
Outdoor unit	<b>Dimensions (L x D x H)</b>	mm	800x333x554	800x333x554	845x363x702	946x410x810	946x410x810
	<b>Weight (without packaging)</b>	kg	31,6	35,5	46,8	62,1	73,3
	<b>Dimensions (with packaging) (L x D x H)</b>	mm	920x390x615	920x390x615	965x395x775	1090x500x875	1090x500x875
	<b>Weight (with packaging)</b>	kg	34,7	38,5	51,1	67,7	80,4
	<b>Air flow rate</b>	m³/h	-	-	-	-	-
	<b>Sound Pressure (max)</b>	dB(A)	57	56	57,5	61,5	64
	<b>Sound power level (max)</b>	dB(A)	<b>66</b>	<b>65</b>	<b>65</b>	<b>67</b>	<b>69</b>
<b>Compressor Type</b>			rotating	rotating	rotating	rotating	rotating
Dimensions and Limitations of the Cooling Circuit	<b>Diameter of tube in liquid connection line</b>	mm	2x6,35	2x6,35	3x6,35	4x6,35	5x6,35
	<b>Diameter of tube in gas connection line</b>	mm	2x9,52	2x9,52	3x9,52	3x9,52+1x12,7	4x9,52+1x12,7
	<b>Covered piping length from pre-load</b>	m	15	15	22,5	30	37,5
	<b>Piping recommended minimum length</b>	m	-	-	-	-	-
	<b>Piping Equivalent length (max)</b>	m	40	40	60	80	80
	<b>Piping Equivalent max. length (single branch of piping)</b>	m	25	25	30	35	35
	<b>Increase of Refrigerant</b>	g/m	12	12	12	12	12
<b>Difference in level (Max) (outdoor unit in higher position that indoor units)</b>	m	15	15	15	15	15	
<b>Difference in level (Max) (outdoor unit in lower position that indoor units)</b>	m	15	15	15	15	15	
<b>Difference in level (Max) (elevation difference between indoor units)</b>	m	10	10	10	10	10	
Refrigerant fluid	<b>Refrigerant gas</b>		R32	R32	R32	R32	R32
	<b>GWP</b>		675	675	675	675	675
	<b>Refrigerant gas charge</b>	kg	0,90	0,90	1,40	2,10	2,40
	<b>Maximum applied pressure high pressure side/low pressure side</b>	MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Electrical connections	<b>Main power supply</b>	V / F / Hz	One Phase 220-240 / 1 / 50				
	<b>Indoor - Outdoor unit connection</b>	n° conductor	3+1	3+1	3+2	3+2	3+1
	<b>Max Power absorption</b>	W	2850	3300	3600	4600	4700
	<b>Max Current consumption</b>	A	13	15,5	17,5	21,5	22
Operational limits	<b>Outdoor temperature in cooling (Min-Max)</b>	°C B.S.	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50
	<b>Outdoor temperature in heating (Min-Max)</b>	°C B.U.	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24

For the energy classes of the individual combinations, refer to the energy labels of the specific combination. The data declared is relative to the conditions envisioned in EN 14825 and EN 14511 (2014). During actual use, the effective electric consumption of the product may differ from that indicated. The data is subject to variation and modification without prior notice. The sound pressure values are at the following conditions: environment sound pressure level equal to 0 dB (Pressure equal to 20 µPa), unit positioned in free field condition, measuring device positioned at 1,5 metre from the front of the unit.

# Indoor unit CASSETTE

**NEW**

		IDU Nexya S4 E Cassette Compact 9	IDU Nexya S4 E Cassette Compact 12	IDU Nexya S4 E Cassette Compact 18
<b>PRODUCT CODE INDOOR UNIT</b>		OS-K/SECIH09EI	OS-K/SECIH12EI	OS-K/SECIH18EI
<b>Supply voltage</b>	F-V-Hz	220-240V 1-50Hz	220-240V 1-50Hz	220-240V 1-50Hz
<b>Cooling</b>	kW (Nom)	2,64	3,55	5,27
<b>Heating</b>	kW (Nom)	2,93	4,10	5,42
<b>Indoor unit</b>	<b>Dimensions (L x D x H)</b>	mm 570x570x260	570x570x260	570x570x260
	<b>Weight (without packaging)</b>	kg 14,5	16,2	16,2
	<b>Dimensions (with packaging) (L x D x H)</b>	mm 662x662x317	655x655x290	655x655x290
	<b>Weight (with packaging)</b>	kg 17,3	21,4	21,4
	<b>Air flow rate (min / rated / max)</b>	m <sup>3</sup> /h 450/500/580	416-506-608	500-560-680
	<b>Sound Pressure (min / rated / max)</b>	dB(A) 29/33/38	35-39-43	41-42-44
	<b>Sound power level (min/med/max)</b>	dB(A) 53	57	56
<b>Decorative Panel</b>	<b>Dimensions (L x D x H)</b>	mm 647x647x50	647x647x50	647x647x50
	<b>Weight (without packaging)</b>	kg 2,5	2,5	2,5
	<b>Dimensions (with packaging) (L x D x H)</b>	mm 715x715x123	715x715x123	715x715x123
	<b>Gross weight</b>	kg 4,5	4,5	4,5
<b>Piping dimensions</b>	<b>Diameter of tube in liquid connection line</b>	mm 6,35	6,35	6,35
	<b>Diameter of tube in gas connection line</b>	mm 9,52	9,52	12,7
	<b>Indoor - Outdoor unit connection</b>	n° conductor 3+1	3+1	3+1
<b>Operational limits</b>	<b>Indoor temperature in cooling (Min-Max)</b>	°C B.U. +17 / +32	+17 / +32	+17 / +32
	<b>Indoor temperature in heating (Min-Max)</b>	°C B.S. 0 / +30	0 / +30	0 / +30



## REMOTE CONTROL

(as per standard)



## COMPACT DESIGN

The data declared is relative to the conditions envisioned in EN 14825 and EN 14511 (2014). During actual use, the effective electric consumption of the product may differ from that indicated. The data is subject to variation and modification without prior notice. The sound pressure values are at the following conditions: environment sound pressure level equal to 0 dB (Pressure equal to 20 µPa), unit positioned in free field condition, measuring device positioned at 1 metre from the front of the unit.

## Performance tables of the Multisplit combinations

The performance tables of the Multisplit combinations can be found on-line at [www.olimpiasplendid.com/area-download](http://www.olimpiasplendid.com/area-download)

The screenshot shows the website's navigation bar with links for 'AIR CONDITIONING', 'HEATING', 'AIR TREATMENT', and 'INTEGRATED SYSTEMS'. The main content area is titled 'Download Area' and features two document categories: 'PRODUCTS DOCUMENTATION' (described as 'All information about our products') and 'PRIVATE DOCUMENTATION' (described as 'Here you will find the "Specifications" and "Technical Selection Booklets"').

# Multisplit Selection table

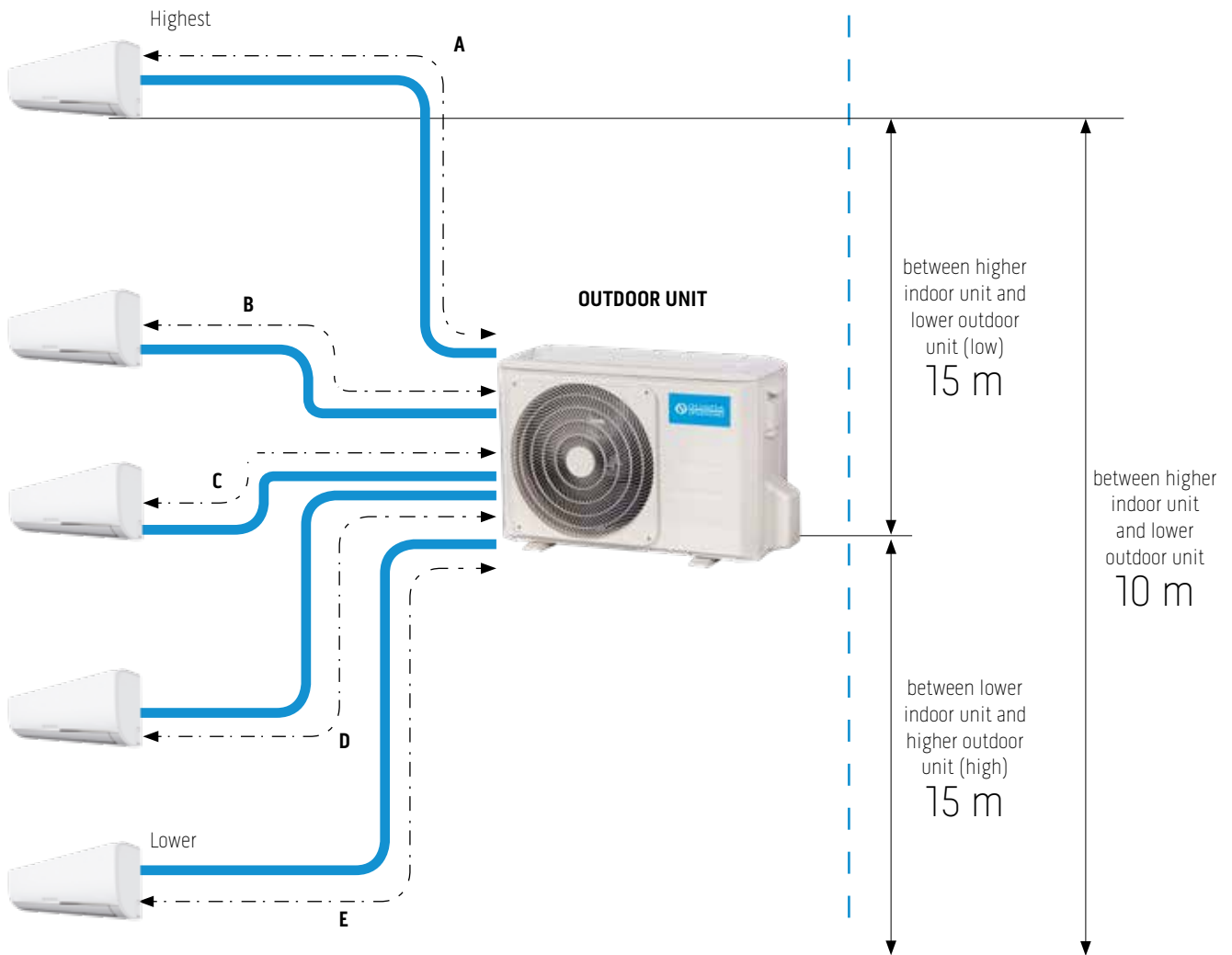
	OUTDOOR UNIT NEXYA S4 E DUAL 14	OUTDOOR UNIT NEXYA S4 E DUAL 18	OUTDOOR UNIT NEXYA S4 E TRIAL 21	OUTDOOR UNIT NEXYA S4 E QUADRI 28	OUTDOOR UNIT NEXYA S4 E PENTA 42
1 INDOOR UNIT	9	9	9	9	9
	12	12	12	12	12
	18	18	18	18	18
2 INDOOR UNITS	9 + 9	9 + 9	9+9	9+9	9+9
	9+12	9+12	9+12	9+12	9+12
	-	9+18	9+18	9+18	9+18
	-	12+12	12+12	12+12	12+12
	-	-	-	12+18	12+18
3 INDOOR UNITS	-	-	-	18+18	18+18
	-	-	9+9+9	9+9+9	9+9+9
	-	-	9+9+12	9+9+12	9+9+12
	-	-	-	9+9+18	9+9+18
	-	-	-	9+12+12	9+12+12
	-	-	-	9+12+18	9+12+18
	-	-	-	-	9+18+18
	-	-	-	12+12+12	12+12+12
	-	-	-	-	12+12+18
4 INDOOR UNITS	-	-	-	-	12+18+18
	-	-	-	9+9+9+9	9+9+9+9
	-	-	-	9+9+9+12	9+9+9+12
	-	-	-	-	9+9+9+18
	-	-	-	-	9+9+12+12
	-	-	-	-	9+9+12+18
	-	-	-	-	9+12+12+12
	-	-	-	-	9+9+18+18
	-	-	-	-	9+12+12+18
	-	-	-	-	9+12+18+18
-	-	-	-	12+12+12+12	
5 INDOOR UNITS	-	-	-	-	12+12+12+18
	-	-	-	-	9+9+9+9+9
	-	-	-	-	9+9+9+9+12
	-	-	-	-	9+9+9+9+18
	-	-	-	-	9+9+9+12+12
	-	-	-	-	9+9+9+12+18

The table shows the possible general combinations of the Nexya Multisplit external units.  
Based on specific whole unit models (Wall-Duct-Cassette), check the possible combinations and their performance in the chart available on our website: [www.olimpiasplendid.com/area-download](http://www.olimpiasplendid.com/area-download)

# Mono and Multisplit tubes installation

INDOOR UNIT

MAXIMUM GAP



	MONO	DUAL	TRIAL	QUADRI	PENTA
Maximum distance single pipe Indoor Unit - Outdoor Unit	25 m	25 m	30 m	35 m	35 m
Total length A+B+C+D+E	-	40 m	60 m	80 m	80 m