

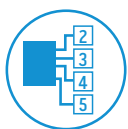
NEXYA[®] MULTISPLIT

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

		IDU Nexya S4 E Inverter 9	IDU Nexya S4 E Inverter 12	IDU Alyas E Inverter 9	IDU Alyas E Inverter 12	
PRODUCT CODE INDOOR UNIT		OS-SENEH09EI	OS-SENEH12EI	OS-SECYH09EI	OS-SECYH12EI	
EAN CODE		8021183114928	8021183114935	8021183116205	8021183116212	
	Supply voltage	V / F / Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	
	Cooling	kW (Nom)	2,64	3,55	2,64	3,55
	Heating	kW (Nom)	2,93	3,81	2,93	3,81
Indoor unit	Dimensions (L x D x H)	mm	805X194X285	805X194X285	722X187X290	802X189X297
	Weight (without packaging)	kg	7,5	7,5	7,3	8.2
	Dimensions (with packaging) (L x D x H)	mm	870x270x360	870x270x360	790x270x370	875x285x375
	Weight (with packaging)	kg	9,7	9,7	9,7	10.7
	Air flow rate (min / rated / max)	m³/h	340-460-520	360-500-600	700-850-1150	700-1000-1100
	Sound Pressure (Silent-Min-Med-Max)	dB(A)	21-26-30-40	22-26-34-40	20-23-31-39	21-22-30-38
	Sound power level (max)	dB(A)	53	53	54	56
Piping dimensions	Diameter of tube in liquid connection line	mm	6,35	6,35	6,35	6,35
	Diameter of tube in gas connection line	mm	9,52	9,52	9,52	9,52
	Indoor - Outdoor unit connection	n° conductor	3+1	3+1	3+1	3+1
Operational limits	Indoor temperature in cooling (Min-Max)	°C B.S.	+17 / +32	+17 / +32	+17 / +32	+17 / +32
	Indoor temperature in heating (Min-Max)	°C B.S.	0 / +30	0 / +30	0 / +30	0 / +30



Nexya S4 E



Alyas E



REMOTE CONTROL

(as per standard)



WI FI Ready

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 0,8 metre from the front of the unit.

Indoor unit DUCT

		IDU Nexya S4 E Duct 9	IDU Nexya S4 E Duct 12	IDU Nexya S4 E Duct 18	
PRODUCT CODE INDOOR UNIT		OS-SEDDH09EI	OS-SEDDH12EI	OS-SEDIH18EI	
EAN CODE		8021183115307	8021183115314	8021183115963	
	Supply voltage	V / F / Hz	220-240 / 1 / 50	220-240 / 1 / 50	
	Cooling	kW (Nom)	2,64	3,55	5,27
	Heating	kW (Nom)	2,93	3,81	5,57
Indoor unit	Dimensions (L x D x H)	MM	700x450x200	700x450x200	880x674x210
	Weight (without packaging)	kg	18	18	24,3
	Dimensions (with packaging) (L x D x H)	mm	860x540x275	860x540x275	1070x725x280
	Weight (with packaging)	kg	22	22	29,5
	Air flow rate (min / rated / max)	m³/h	300-480-600	300-480-600	350-650-880
	Sound Pressure (min / rated / max)	dB(A)	27,5-34,5-40,0	27,5-34,5-40,0	33-38-41,5
	Sound power level (min/med/max)	dB(A)	59	59	59
	Air flow Pressure	Pa	25	25	25
	Fan pressure adjustment field	Pa	0-40	0-60	0-100
	Piping dimensions	Diameter of tube in liquid connection line	mm	6,35	6,35
Diameter of tube in gas connection line		mm	9,52	9,52	12,7
	Indoor - Outdoor unit connection	n° conductor	3+1	3+1	3+1
Operational limits	Indoor temperature in cooling (Min-Max)	°C B.S.	+17 / +32	+17 / +32	+17 / +32
	Indoor temperature in heating (Min-Max)	°C B.S.	0 / +30	0 / +30	0 / +30



Compatible with AirZone



HIGH HEAD



AUTOMATIC SETTING OF THE AIR FLOW RATE



SLIM DESIGN



WALL REMOTE CONTROL (standard)

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 metres below the indoor unit to which standard ducts, with length measuring 2 metres (supply) and 1 metre (return), are applied.

Multisplit Selection table

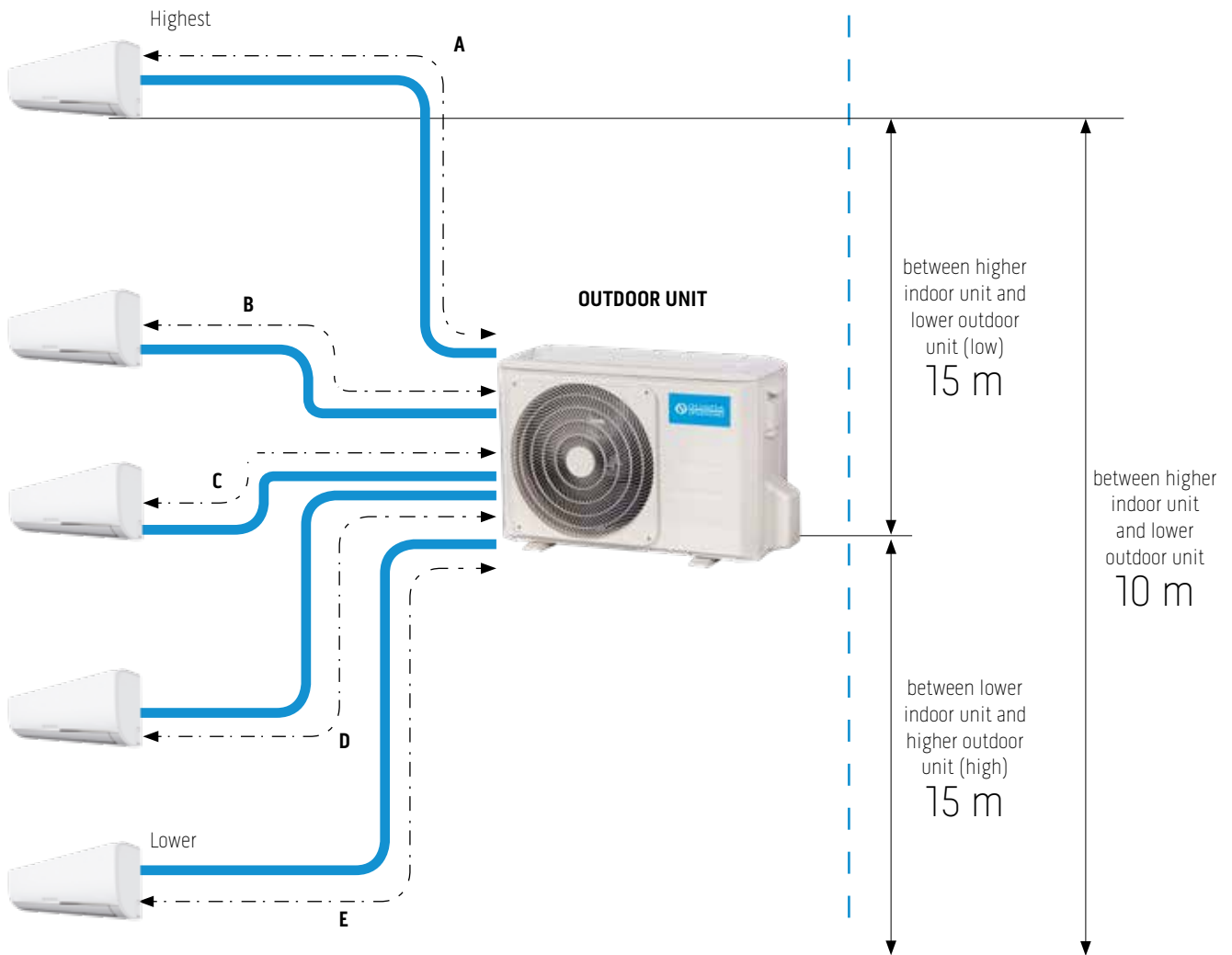
	OUTDOOR UNIT NEXYA S4 E DUAL 14	OUTDOOR UNIT NEXYA S4 E DUAL 18	OUTDOOR UNIT NEXYA S4 E TRIAL 21	OUTDOOR UNIT NEXYA S4 E QUADRI 28	OUTDOOR UNIT NEXYA S4 E PENTA 42
1 INDOOR UNIT	9	9	9	9	9
	12	12	12	12	12
	18	18	18	18	18
2 INDOOR UNITS	9 + 9	9 + 9	9+9	9+9	9+9
	9+12	9+12	9+12	9+12	9+12
	-	9+18	9+18	9+18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

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