

NEXYA S4 E MULTISPLIT

Energy efficient multisplit inverter air conditioners



FEATURES

Energy-efficient inverter technology with low GWP R32 refrigerant.

Available in the two, three, four and five room versions, for air conditioning up to five rooms with the use of a single outdoor motor.

The system is modular: systems can be designed using wall-mounted, duct or cassette units and selecting the right size according to the thermal load of the system.

Check Olimpiasplendid.it for the combinations that can access the economic incentives.

FUNCTIONS

- **Cooling, heating, dehumidification and ventilation**
- **Auto function:** modulates the operating parameters in relation to the room temperature.
- **Sleep function:** gradually increases the set temperature and ensures reduced noise for better night-time well-being.

TECHNICAL DATA			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
OUTDOOR UNIT CODE			OS-CEMYH14EI	OS-CEMYH18EI	OS-CEMYH21EI	OS-CEMYH28EI	OS-CEMEH42EI
EAN CODE			8021183116021	8021183116038	8021183116045	8021183116052	8021183115161
Cooling	Electrical power supply	V/Ph/Hz	One Phase 220-240 / 1 / 50	One Phase 220-240 / 1 / 50	One Phase 220-240 / 1 / 50	One Phase 220-240 / 1 / 50	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 (Nom/Min-Max)	W	1270(120-1680)	1630(690-2000)	1950(180-2240)	2540(890-3180)	4260(1490-4580)
	Current consumption (Nom/Min-Max)	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 (Nom/Min-Max)	W	1770 (250-1980)	1500 (600-1670)	1780 (325-1920)	2200 (770-2750)	3100 (1090-4000)
	Current consumption (Nom/Min-Max)	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)	medium zone / hot zone	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
	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
Outdoor unit	Dimensions (LxDxH)	mm	800x333x554	800x333x554	845x363x702	946x410x810	946x410x810
	Weight (without packaging)	kg	31.6	35.5	46.8	62.1	73.3
	Dimensions (with packaging) (LxDxH)	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	2100	2000	3000	3800	3850
	Sound pressure (max)	dB(A)	57	56	57.5	61.5	64
	Sound power level Max (EN 12102)	dB(A)	66	65	65	67	69
	Compressor Type		rotary	rotary	rotary	rotary	rotary
Dimensions and limitations of the cooling circuit	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
	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 fluid	Refrigerant gas *		R32	R32	R32	R32	R32
	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
Electrical connections	Main power supply	V/Ph/Hz	One Phase 220-240 / 1 / 50	One Phase 220-240 / 1 / 50	One Phase 220-240 / 1 / 50	One Phase 220-240 / 1 / 50	One Phase 220-240 / 1 / 50
	Indoor - Outdoor unit connection	n° conductor	3+1	3+1	3+1	3+1	3+1
	Max Power absorption	W	2650	2850	3300	4150	4700
	Max Current consumption	A	11,5	13,0	15,5	19,0	22
Operational limits	Outdoor temperature in cooling (Min-Max)	°C B.S.	- / +50	- / +50	- / +50	- / +50	- / +50
	Outdoor temperature in heating (Min-Max)	°C B.U.	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24

The declared data relate to the conditions envisaged in EN 14511, EN 14825 and EU Delegated Regulation 626/2011 for the combination capable of expressing the highest energy class.

For the energy class and performance of the individual combinations, refer to the selection tables on the website www.olimpiaspplendid.com and to the energy labels of the specific combination.

The actual power consumption of the product, in conditions of real use, may differ from what is indicated.

The data are subject to change and modification without prior notice.

The sound pressure values are at the following conditions: ambient sound pressure level equal to 0 dB (Pressure equal to 20Pa), unit positioned in free field condition, meter positioned 1.5 meters (outdoor unit) with respect to it.

* Non hermetically sealed equipment containing fluorinated gas with GWP equivalent to 675.

Indoor Units Wall

TECHNICAL DATA		IDU Nexya S4 E Inverter 9	IDU Nexya S4 E Inverter 12	IDU Alyas E Inverter 9	IDU Alyas E Inverter 12	
PRODUCT CODE		OS-SENEH09EI	OS-SENEH12EI	OS-SECYH09EI	OS-SECYH12EI	
EAN CODE		8021183114928	8021183114935	8021183116205	8021183116212	
Indoor unit	Electrical power supply	V/Ph/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	
	Cooling	kW (Nom)	2,64	3,52	2,64	3,52
	Heating	kW (Nom)	2,93	3,81	2,93	3,81
	Dimensions (LxDxH)	mm	805X194X285	805X194X285	722x187x290	802x189x297
	Weight (without packaging)	kg	7,5	7,5	7,3	8,6
	Dimensions (with packaging) (LxDxH)	mm	870x270x360	870x270x360	790x270x375	875x285x380
	Weight (with packaging)	kg	9,7	9,7	9,7	11,1
	Air flow rate (min/rated/max)	m³/h	340-460-520	360-500-600	230-309-416	395-477-584
	Sound pressure (silent/min/med/max)	dB(A)	21-26-30-40	22-26-34-40	20-23-31-39	1-26-32-39
	Sound power level Max (EN 12102)	dB(A)	53	53	54	55
Piping dimensions	Diameter of tube in liquid connection line	inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35
	Diameter of tube in gas connection line	inch - mm	3/8" - 9,52	3/8" - 9,52	3/8" - 9,52	3/8" - 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



WI-FI KIT INCLUDED

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Indoor Units Duct

TECHNICAL DATA		IDU Nexya S4 E Duct 9	IDU Nexya S4 E Duct 12	IDU Nexya S4 E Duct 18	
PRODUCT CODE		OS-SEDDH09EI	OS-SEDDH12EI	OS-SEDIH18EI	
EAN CODE		8021183115307	8021183115314	8021183115963	
Indoor unit	Electrical power supply	V/Ph/Hz	220-240 / 1 / 50	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
	Dimensions (LxDxH)	MM	700x450x200	700x450x200	880x674x210
	Weight (without packaging)	kg	18	18	24,3
	Dimensions (with packaging) (LxDxH)	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 Max (EN 12102)	dB(A)	59	59	59
Piping dimensions	Fan pressure	Pa	25	25	25
	Fan pressure adjustment field	Pa	0-40	0-60	0-100
	Diameter of tube in liquid connection line	inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35
	Diameter of tube in gas connection line	inch - mm	3/8" - 9,52	3/8" - 9,52	1/2" - 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

Static pressure available up to 160 Pa.



AUTOMATIC SETTING OF THE AIR FLOW RATE



The declared data relate to the conditions provided for in EN 14511, EN 14825 and EU Delegated Regulation 626/2011. The actual power consumption of the product, in conditions of real use, may differ from what is indicated. The data are subject to change and modification without prior notice. The sound pressure values are at the following conditions: ambient sound pressure level equal to 0 dB (Pressure equal to 20Pa), unit positioned in a free field condition, meter positioned 1.5 meters below the internal unit to which are applied standard ducts with a length of 2 meters (delivery) 1 meter (return).

Indoor Units Cassette

TECHNICAL DATA		IDU Nexya S4 E Cassette Compact 9	IDU Nexya S4 E Cassette Compact 12	IDU Nexya S4 E Cassette Compact 18	
PRODUCT CODE		OS-K/SECIH09EI	OS-K/SECIH12EI	OS-K/SECIH18EI	
EAN CODE		8021183117769	8021183116373	8021183116380	
Indoor unit	Electrical power supply	F-V-Hz	220-240V 1-50Hz	220-240V 1-50Hz	
	Cooling	kW (Nom)	2,64	3,55	5,27
	Heating	kW (Nom)	2,93	4,10	5,42
Indoor unit	Dimensions (LxDxH)	mm	570x570x260	570x570x260	570x570x260
	Weight (without packaging)	kg	14,5	16,2	16,2
	Dimensions (with packaging) (LxDxH)	mm	662x662x317	655x655x290	655x655x290
	Weight (with packaging)	kg	17,3	21,4	21,4
	Air flow rate (min/rated/max)	m ³ /h	450/500/580	416-506-608	500-560-680
	Sound pressure (min/rated/max)	dB(A)	29/33/38	35-39-43	41-42-44
	Sound power level Max (EN 12102)	dB(A)	53	57	56
Decorative Panel	Dimensions (LxDxH)	mm	647x647x50	647x647x50	647x647x50
	Weight (without packaging)	kg	2,5	2,5	2,5
	Dimensions (with packaging) (LxDxH)	mm	715x715x123	715x715x123	715x715x123
	Gross weight	kg	4,5	4,5	4,5
Piping dimensions	Diameter of tube in liquid connection line	inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35
	Diameter of tube in gas connection line	inch - mm	3/8" - 9,52	3/8" - 9,52	1/2" - 12,7
Operational limits	Indoor - Outdoor unit connection	n° conductor	3+1	3+1	3+1
	Indoor temperature in cooling (Min-Max)	°C B.U.	+17 / +32	+17 / +32	+17 / +32
	Indoor temperature in heating (Min-Max)	°C B.S.	0 / +30	0 / +30	0 / +30



COMPACT DESIGN

The declared data relate to the conditions provided for in EN 14511, EN 14825 and EU Delegated Regulation 626/2011.

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The sound pressure values are under the following conditions: ambient sound pressure level equal to 0 dB (Pressure equal to 20Pa), unit positioned in a free field condition, meter positioned 1 meter away from the bottom of the internal unit.

Kombinationstabelle Multisplit-Größen

Die Tabelle zeigt die möglichen allgemeinen Kombinationen der externen Einheiten Nexya S4 und Multisplit.
Überprüfen Sie basierend auf den spezifischen Modellen der internen Einheiten (Wand, Kanal, Kassette) immer die Kombinationen online auf Olimpiasplendid.de > Downloadbereich > Produktdokumentation > Feste Klimaanlage

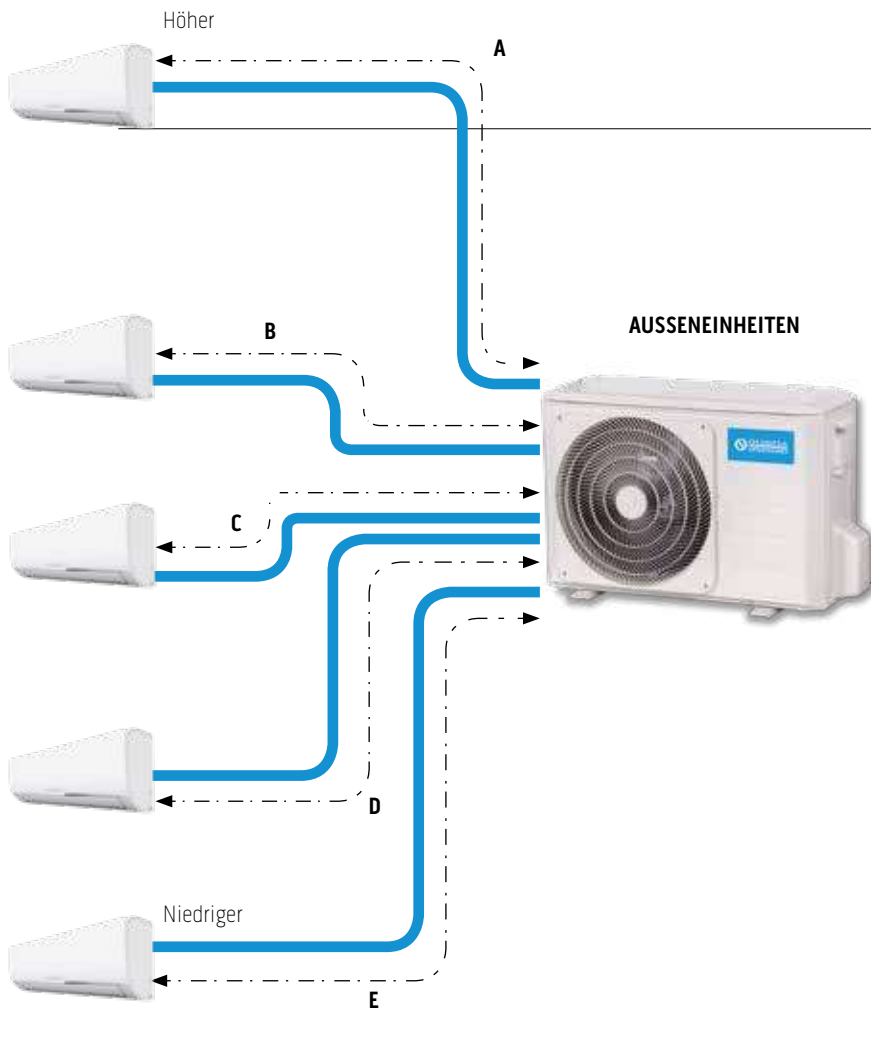
Products documentation

- [Product catalogue](#)
- [Brochure](#)
- [Multisplit Selection](#)

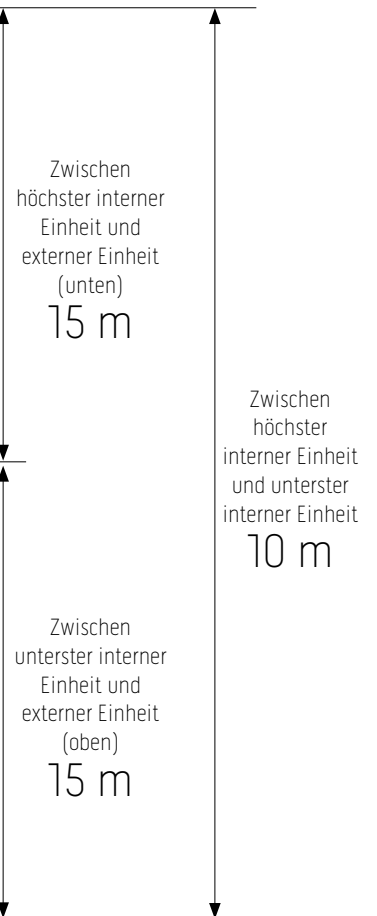
	AUSSENEINHEITEN NEXYA S4 E DUAL 14	AUSSENEINHEITEN NEXYA S4 E DUAL 18	AUSSENEINHEITEN NEXYA S4 E TRIAL 21	AUSSENEINHEITEN NEXYA S4 E QUADRI 28	AUSSENEINHEITEN NEXYA S4 E PENTA 42
1 INNENEIN- HEIT	9	9	9	9	9
	12	12	12	12	12
	18	18	18	18	18
2 INNENEIN- HEIT	9 + 9	9 + 9	9+9	9+9	9+9
	9+12	9+12	9+12	9+12	9+12
	-	9+18	9+18	9+18	9+18
	-	12+12	12+12	12+12	12+12
	-	-	-	12+18	12+18
3 INNENEIN- HEIT	-	-	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
	-	-	-	-	12+18+18
4 INNENEIN- HEIT	-	-	-	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 INNENEIN- HEIT	-	-	-	-	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+12+12+12+12

Installation der Multisplitt-Leitungen

INNENEINHEIT



MAXIMALER NIVEAUUNTERSCHIED



	DUAL	TRIAL	QUADRI	PENTA
Maximaler Abstand einzelne Leitung Inneneinheit - Ausseneinheit	25 m	30 m	35 m	35 m
Gesamtlänge A+B+C+D+E	40 m	60 m	80 m	80 m