

NEXYA[®] COMMERCIAL

The monosplit air conditioner for commercial installations.

Duct



Compatible with AirZone



Cassette

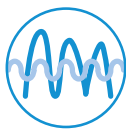


Ceiling



HIGH EFFICIENCY TECHNOLOGY

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



OLIMPIA SPLENDID INVERTER SYSTEM

The speed of the motors is constantly regulated according to the set temperature. 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.

FEATURES

Combinations

Combination and installation flexibility:
Duct, Cassette and Ceiling

Remote ON-OFF






All commercial line units have terminals for remote unit switch-on and switch-off via an external device.

Alarm Contact

The units of the commercial line have a contact that allows synchronisation of the product alarm condition with an external device.

Hydrophilic Aluminium Coating

- Suitable for installation in coastal or particularly humid areas.
- Excellent Anti-Corrosion Performance: with the same environmental conditions, the new coating of the condensers guarantees their longevity over 7 times longer compared to traditional models.

		ODU Nexya S4 E Commercial 18	ODU Nexya S4 E Commercial 24	ODU Nexya S4 E Commercial 36	ODU Nexya S4 E Commercial 36 T	ODU Nexya S4 E Commercial 48 T	
PRODUCT CODE OUTDOOR UNIT		OS-CECIH18EI	OS-CECIH24EI	OS-CECIH36EI	OS-CECITH36EI	OS-CECITH48EI	
EAN CODE		8021183115925	8021183115932	8021183115956	8021183116168	8021183116175	
Supply voltage	V / F / Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	380-415 / 3 / 50	380-415 / 3 / 50	
Outdoor unit	Dimensions (L x D x H)	mm	800x333x554	845x363x702	946x410x810	946x410x810	952x415x1333
	Weight (without packaging)	kg	33,7	49,4	66,8	81,5	106,7
	Dimensions (with packaging) (L x D x H)	mm	920x390x615	965x395x755	1090x500x875	1090x500x875	1090x500x875
	Gross weight	kg	36,6	55,2	73,4	87	119,9
	Air flow rate	m³/h	2000	2700	4000	4000	7500
	Sound Pressure (max)	dB(A)	55	62	65	64	66
	Sound power level (max)	dB(A)	 62	 65	 67	 68	 72
	Compressor Type		rotating	rotating	rotating	rotating	rotating
Dimensions and Limitations of the Cooling Circuit	Diameter of tube in liquid connection line	mm	6,35	9,52	9,52	9,52	9,52
	Diameter of tube in gas connection line	mm	12,7	15,9	15,9	15,9	15,9
	Covered piping length from pre-load	m	5	5	5	5	5
	Piping recommended minimum length	m	3	3	3	3	3
	Piping Equivalent length (max)	m	30	50	65	65	65
	Increase of Refrigerant	g/m	12	24	24	24	24
	Maximum difference in level	m	20	25	30	30	30
Refrigerant fluid	Refrigerant gas		R32	R32	R32	R32	R32
	GWP		675	675	675	675	675
	Refrigerant gas charge	kg	1,15	1,50	2,40	2,40	2,80
	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	Power supply connection	n° conductor	3 x 2,5 mm ²	3 x 2,5mm ²	3 x 2,5mm ²	3 x 2,5mm ²	3 x 2,5mm ²
	Indoor - Outdoor unit connection	n° conductor	4 x 1mm ²	4 x 1mm ²	4 x 1mm ²	4 x 1mm ²	4 x 1mm ²
	Max Power absorption	W	2950	2950	4700	5600	6200
	Max Current consumption	A	13,5	13,5	21,5	10,0	11,2
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

NEXYA[®] COMMERCIAL

Indoor unit CASSETTE

Cassette
Compact



Cassette



HIGH EFFICIENCY TECHNOLOGY

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



HEAT PUMP

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



OLIMPIA SPLENDID INVERTER SYSTEM

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REMOTE CONTROL

You can set the desired comfort at the desired time with the remote control.

FEATURES

Two Models

- Compact Cassette with width and length reduced to only 600x600 mm
- Cassette with width and length exceeding 600x600 mm and slim height of 205 mm.

Vent for introduction of fresh air

The indoor units of the commercial line are equipped with specific air vents for the introduction of outdoor or fresh air into the product.

Condensate Lift Pump

The indoor units have a lift pump for the condensate liquid.

Decorative Panel

The decorative panel has a digital display and has slots for expelling air also at the corners.

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.

		IDU Nexya S4 E Cassette Compact 18	IDU Nexya S4 E Cassette 24	IDU Nexya S4 E Cassette 36 One Phase	IDU Nexya S4 E Cassette 36 Three Phase	IDU Nexya S4 E Cassette 48	
PRODUCT CODE INDOOR UNIT		OS-K/SECIH18EI	OS-K/SECIH24EI	OS-K/SECIH36EI	OS-K/SECIH36EI	OS-K/SECIH48EI	
PRODUCT CODE OUTDOOR UNIT		OS-CECIH18EI	OS-CECIH24EI	OS-CECIH36EI	OS-CECIH36EI	OS-CECIH48EI	
Supply voltage indoor unit		V / F / Hz	One Phase 220-240 / 1 / 50				
Supply voltage outdoor unit		V / F / Hz	One Phase 220-240 / 1 / 50		Three Phase 380-415 / 3 / 50		
Cooling	Capacity (min / rated / max)	kW	2,90-5,28-5,74	3,22-7,03-8,21	4,04-10,55-12,02	4,04-10,55-12,02	4,75-14,07-14,58
	Absorbed power (min / rated / max)	W	720-1633-1860	480-2190-2850	890-3750-4500	890-3950-4500	1174-5130-5602
	Current consumption	A	3,2-7,2-8,2	2,1-9,5-12,4	3,9-16,3-19,6	3,9-6,6-8,2	1,8-8,3-9,3
	Theoretical Load (PdesignC)	kW	5,3	7,0	10,5	10,5	14
	SEER		6,1	6,1	6,1	6,1	6,1
	Energy efficiency class		A++	A++	A++	A++	A++
	Annual energy consumption	kWh/A	304	402	605	602	805
Heating	Capacity (min / rated / max)	kW	2,37-5,42-6,10	2,43-7,62-8,65	2,94-11,14-13,48	2,95-11,14-14,14	3,93-16,12-16,77
	Absorbed power (min / rated / max)	W	700-1460-1930	500-2050-2880	720-2993-4450	720-3000-4750	987-5050-5378
	Current consumption	A	3,1-6,4-8,5	2,2-8,9-12,5	3,2-13,0-19,4	3,2-5,0-8,3	1,56-8,2--8,9
	Theoretical Load (PdesignH) (average climate - warmer climate)	kW	4,2-5,3	5,4-5,9	8,8-10,5	8,1-10,5	11,2-12,2
	Scop (average climate - warmer climate)		4,0-4,9	4,0-5,1	4,0-5,1	4,0-5,1	4,0-5,1
	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	1470-1525	1890-1657	3108-3000	2835-2858	3920-3713
Operating limit temperature	°C	-15	-15	-15	-15	-15	
Energy efficiency E.E.R./C.O.P.	W/W	3,23-3,71	3,21-3,72	2,81-3,72	2,67-3,71	2,74-3,19	
Indoor unit	Dimensions (L x D x H)	mm	570x570x260	840x840x245	840x840x245	840x840x245	840x840x287
	Weight (without packaging)	kg	16,2	23,0	27,5	27,5	29
	Dimensions (with packaging) (L x D x H)	mm	662x662x317	900x900x225	900x900x265	900x900x265	900x900x292
	Gross weight	kg	21,4	27,0	31,0	31,0	32,7
	Air flow rate (min / rated / max)	m³/h	540-625-720	1032-1200-1378	1438-1620-1775	1438-1620-1775	1381-1568-1715
	Sound Pressure (min / rated / max)	dB(A)	35,5-39-42,5	40-43-47	46-49-51	41-47-51	49-50-52
	Sound power level (max)	dB(A)	56	59	61	62	65
Decorative Panel	Dimensions (L x D x H)	mm	647x647x50	950x950x55	950x950x55	950x950x55	950x950x55
	Weight (without packaging)	kg	2,5	5	5	5	5
	Dimensions (with packaging) (L x D x H)	mm	647x647x50	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Gross weight	kg	4,5	8	8	8	8
Outdoor unit	Dimensions (L x D x H)	mm	800x333x554	845x363x702	946x410x810	946x410x810	952x410x1333
	Weight (without packaging)	kg	33,7	49,4	66,8	81,5	106,7
	Dimensions (with packaging) (L x D x H)	kg	920x390x615	965x395x765	1090x500x875	1090x500x875	1095x495x1480
	Gross weight	kg	36,6	55,2	73,4	87,0	119,9
	Air flow rate	m³/h	2000	2700	4000	4000	7500
	Compressor Type		rotating	rotating	rotating	rotating	rotating
Dimensions and limitations of the cooling circuit	Diameter of tube in liquid connection line	mm	6,35	9,52	9,52	9,52	9,52
	Diameter of tube in gas connection line	mm	12,7	15,88	15,88	15,88	15,88
	Covered piping length from pre-load	m	5	5	5	5	5
	Piping recommended minimum length	m	3	3	3	3	3
	Piping Equivalent length (max)	m	30	50	65	65	65
	Increase of Refrigerant	g/m	12	24	24	24	24
Refrigerant fluid	Maximum difference in level	m	20	25	30	30	30
	Refrigerant gas		R32	R32	R32	R32	R32
	GWP		675	675	675	675	675
	Refrigerant gas charge	kg	1,15	1,50	2,40	2,40	2,80
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	Outdoor unit connection	n° conductor	3 x 2,5 mm²	3 x 2,5 mm²	3 x 2,5 mm²	3 x 2,5 mm²	3 x 2,5 mm²
	Indoor - Outdoor unit connection	n° conductor	4 x 1 mm²	4 x 1 mm²	4 x 1 mm²	4 x 1 mm²	4 x 1 mm²
	Max Power absorption	W	2950	2950	4700	5600	6200
	Max Current consumption		13,5	13,5	21,5	10,0	11,2
Operational limits	Indoor temperature in cooling (Min-Max)	°C B.S.	+17 - +32	+17 - +32	+17 - +32	+17 - +32	+17 - +32
	Indoor temperature in heating (Min-Max)	°C B.U.	0 - +30	0 - +30	0 - +30	0 - +30	0 - +30
	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

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.