

# NEXYA<sup>®</sup> 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 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.

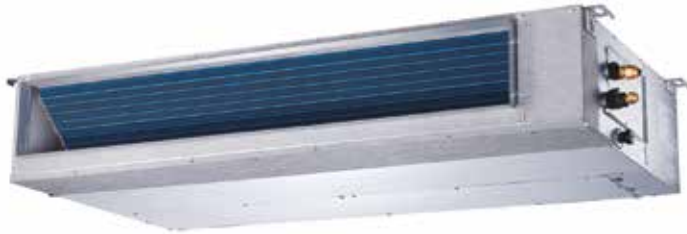
#### Hydrophilic Aluminium Coating

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

# NEXYA<sup>®</sup> COMMERCIAL

## Indoor unit DUCT



### HIGH EFFICIENCY TECHNOLOGY

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



### HIGH HEAD

Ducted indoor unit with static pressure available up to 160 Pa.



### 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.



### SLIM DESIGN

The range is characterised by its small dimensions (Height from 210 mm)



### AUTOMATIC SETTING OF THE AIR FLOW RATE

In order to automatically adapt the system depending on the ducts connected to the unit.

### FEATURES

Excellent performance and high-efficiency at low air flow rate with consequent noise reduction.

Automatic setting of the air flow rate  
automatic air flow rate setting function, in order to automatically adapt the system depending on the ducts connected to the unit.

Wall-installed remote control (standard supply)  
The wired, wall-installed remote control has a weekly programmer, which allows setting at daily intervals with different selections of the product operating parameters.

Reversible Air Intake  
The air intake duct can be moved from the rear of the product (standard configuration) to the lower part. It is replaced by a sheet steel panel. In this way, the product can be made suitable for any installation condition.

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 condensate liquid lift pump

### 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 Duct 18	IDU Nexya S4 E Duct 24	IDU Nexya S4 E Duct 36 One Phase	IDU Nexya S4 E Duct 36 Three Phase	IDU Nexya S4 E Duct 48	
PRODUCT CODE INDOOR UNIT		OS-SEDIH18EI	OS-SEDIH24EI	OS-SEDIH36EI	OS-SEDIH36EI	OS-SEDIH48EI	
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	2,55-5,28-5,69	3,28-7,03-8,16	4,04-10,55-12,02	4,04-10,55-12,02	4,26-14,07-15,19
	Absorbed power (min / rated / max)	kW	710-1633-1900	480-2190-2850	902-4000-4900	890-4100-4980	1170-5150-5699
	Current consumption	A	3,2-7,2-8,3	2,1-9,5-12,4	4,2-17,5-19,6	1,4-6,5-8,2	1,8-8,3-9,4
	Theoretical Load (PdesignC)	kW	5,3	7,0	10,5	10,5	14
	SEER		6,1	6,1	6,1	6,1	
	Energy efficiency class		<b>A++</b>	<b>A++</b>	<b>A++</b>	<b>A++</b>	<b>A++</b>
	Annual energy consumption	kWh/A	304	402	602	602	808
Heating	Capacity (min / rated / max)	kW	2,2-5,9-6,15	2,72-7,62-8,72	2,81-11,14-13,19	2,81-11,14-13,19	3,7-16,12-18,02
	Absorbed power (min / rated / max)	W	740-1580-1760	500-2050-2880	800-3100-4640	780-3000-4665	948-4280-5824
	Current consumption	A	3,3-7,0-7,7	2,2-8,9-12,5	3,6-12,9-18,4	1,3-4,7-7,4	1,5-6,8-9,2
	Theoretical Load (PdesignH) (average climate - warmer climate)	kW	4,3-5,2	5,4-5,6	8,4-9,9	8,4-10,5	11,9-12,5
	Scop (average climate - warmer climate)		4,0-5,0	4,0-5,0	4,0-5,1	4,0-5,1	4,0-5,0
	Energy efficiency class (average climate - warmer climate)	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>
	Annual energy consumption (average climate - warmer climate)	kWh/A	1512-1464	1911-1633	2940-2718	2968-3029	4263-2949
	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 / 3,71	2,64 / 3,59	2,57 / 3,71	2,73 / 3,77	
Indoor unit	Dimensions (L x D x H)	mm	880x764x210	1100x774x249	1360x774x249	1360x774x249	1200x874x300
	Weight (without packaging)	kg	24,3	31,5	40,5	40,5	47,6
	Dimensions (with packaging) (L x D x H)	mm	1070x725x280	1305x805x305	1570x805x305	1570x805x305	1405x915x355
	Weight (with packaging)	kg	29,6	38,9	48,5	48,5	55,8
	Air flow rate (min / rated / max)	m³/h	350-650-850	839-1054-1248	750-1150-1400	750-1150-1400	1680-2040-2400
	Rated Fan Pressure	Pa	25	25	37	37	50
	Fan pressure adjustment field	Pa	0-100	0-160	0-160	0-160	0-160
	Sound Pressure (min / rated / max)	dB(A)	33-38-41,5	33-38-41,5	40-43-47	40-43-47	48-50-51
	Sound power level (max)	dB(A)	<b>59</b>	<b>62</b>	<b>63</b>	<b>63</b>	<b>68</b>
	Outdoor unit	Dimensions (L x D x H)	mm	800x333x554	845x363x702	946x410x810	946x410x810
Weight (without packaging)		kg	33,7	49,4	66,8	81,5	106,7
Dimensions (with packaging) (L x D x H)		mm	920x390x615	965x395x765	1090x500x875	1090x500x875	1095x495x1480
Gross weight		kg	36,6	55,2	73,4	87,0	119,9
Air flow rate		m³/h	2100	2100	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
Electrical connections	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
	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
Operational limits	Max Power absorption	W	2950	2950	4700	5600	6200
	Max Current consumption	A	13,5	13,5	21,5	10,0	11,2
	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	
Outdoor temperature in cooling (Min-Max)	°C B.S.	-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.