

NEXYA S4 E COMMERCIAL

Energy efficient inverter air conditioners.

DUCT



CASSETTE



CEILING



FEATURES

Energy-efficient inverter technology with low GWP R32 refrigerant

Combinations

Flexibility and of combination and installation: Duct, Cassette and Ceiling

Remote ON-OFF

All units in the commercial line are equipped with terminals for remote on/off control of the unit via an external device

Alarm contact

Commercial line units have a contact that makes it possible to synchronise the alarm condition of the product with an external device.

Hydrophilic Aluminium coating

Suitable for installations in coastal areas or in particularly humid areas, thanks to its excellent anti-corrosion performance. With equivalent environmental conditions, the new coating of the condensers guarantees them a longevity exceeding 7 times that of the 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
OUTDOOR UNIT CODE		OS-CECIH18EI	OS-CECIH24EI	OS-CECIH36EI	OS-CECIH36EI	OS-CECIH48EI
EAN CODE		8021183115925	8021183115932	8021183115956	8021183116168	8021183116175
Outdoor unit	Electrical power supply	V/Ph/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	380-415 / 3 / 50
	Dimensions (LxDxH)	mm	800x333x554	845x363x702	946x410x810	946x410x810
	Weight (without packaging)	kg	33,7	49,4	66,8	81,5
	Dimensions (with packaging) (LxDxH)	mm	920x390x615	965x395x755	1090x500x875	1090x500x875
	Gross weight	kg	36,6	55,2	73,4	87
	Air flow rate	m³/h	2000	2700	4000	4000
	Sound pressure (max)	dB(A)	55	62	65	64
	Sound power level Max (EN 12102)	dB(A)	62	65	67	68
	Compressor Type		rotary	rotary	rotary	rotary
Dimensions and limitations of the cooling circuit	Diameter of tube in liquid connection line	inch - mm	1/4" - 6,35	3/8" - 9,52	3/8" - 9,52	3/8" - 9,52
	Diameter of tube in gas connection line	inch - mm	1/2" - 12,7	5/8" - 15,9	5/8" - 15,9	5/8" - 15,9
	Covered piping length from pre-load	m	5	5	5	5
	Piping recommended minimum length	m	3	3	3	3
	Piping Equivalent length (max)	m	30	50	65	65
	Increase of Refrigerant	g/m	12	24	24	24
Refrigerant fluid	Maximum difference in level	m	20	25	30	30
	Refrigerant gas *		R32	R32	R32	R32
	GWP		675	675	675	675
	Refrigerant gas charge	kg	1,15	1,50	2,40	2,40
Electrical connections	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
	Power supply connection	n° conductor	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
	Max Power absorption	W	2950	2950	4700	5600
Operational limits	Max Current consumption	A	13,5	13,5	21,5	10,0
	Outdoor temperature in cooling (Min-Max)	°C B.S.	- / +50	- / +50	- / +50	- / +50
	Outdoor temperature in heating (Min-Max)	°C B.U.	-15 / +24	-15 / +24	-15 / +24	-15 / +24

* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 675.

Indoor Units Cassette

Cassette Compact



Cassette



COMPACT DESIGN

Small size up to 600x600mm, in the compact version.

DECORATIVE PANEL

Equipped with a digital display, it has vents for the ejection of air even at the corners. For greater climate comfort.

HIGH EFFICIENCY

High-performance R32 refrigerant gas with maximum technological efficiency, to reach the energy class A++.



FEATURES

Two Models

Compact cassettes with reduced width and length dimensions of only 600x600 mm - Cassettes with dimensions of width and length greater than 600x600 mm and slim height starting from 245mm.

Fresh air intake

The internal units of the commercial line are equipped with specific air inlets for the introduction of external or fresh air into the product.

Condensate Lifting Pump

The internal units are equipped with a condensate liquid lifting pump.

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.

		IDU Nexya S4 E Cassette Compact 18	IDU Nexya S4 E Cassette 24	IDU Nexya S4 E Cassette 36	IDU Nexya S4 E Cassette 36 (ODU Three Phase)	IDU Nexya S4 E Cassette 48 (ODU Three Phase)
INDOOR UNIT CODE		OS-K/SECIH18EI	OS-K/SECIH24EI	OS-K/SECIH36EI	OS-K/SECIH36EI	OS-K/SECIH48EI
INDOOR UNIT EAN CODE		8021183116380	8021183116397	8021183116403	8021183116403	8021183116410
OUTDOOR UNIT CODE		OS-CECIH18EI	OS-CECIH24EI	OS-CECIH36EI	OS-CECIH36EI	OS-CECIH48EI
Supply voltage indoor unit	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
	V/Ph/Hz	One Phase 220-240 /1 / 50	One Phase 220-240 /1 / 50	One Phase 220-240 /1 / 50	Three Phase 380-415 / 3 / 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
	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
Heating	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	5,4-5,8	8,8-10,5	8,1-9,8	11,2-12,2
	Scop (average climate - warmer climate)	4,0-4,9	4,0-4,9	4,0-4,9	4,0-4,8	4,0-4,6
	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 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 (LxDxH)	mm 570x570x260	840x840x245	840x840x245	840x840x245	840x840x287
	Weight (without packaging)	kg 16,2	23,0	27,5	27,5	29
	Dimensions (with packaging) (LxDxH)	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 (EN 12102)	dB(A) 56	59	61	62	65
	Dimensions (LxDxH)	mm 647x647x50	950x950x55	950x950x55	950x950x55	950x950x55
Decorative Panel	Weight (without packaging)	kg 2,5	5	5	5	5
	Dimensions (with packaging) (LxDxH)	mm 647x647x50	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
Gross weight	kg 4,5	8	8	8	8	
	Dimensions (LxDxH)	mm 800x333x554	845x363x702	946x410x810	946x410x810	952x410x1333
Outdoor unit	Weight (without packaging)	kg 33,7	49,4	66,8	81,5	106,7
	Dimensions (with packaging) (LxDxH)	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	rotary	rotary	rotary	rotary	rotary
	Dimensions and limitations of the cooling circuit	Diameter of tube in liquid connection line	inch - mm 1/4" - 6,35	3/8" - 9,52	3/8" - 9,52	3/8" - 9,52
Diameter of tube in gas connection line	inch - mm 1/2" - 12,7	5/8" - 15,9	5/8" - 15,9	5/8" - 15,9	5/8" - 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	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. - / +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 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 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.*Non-hermetically sealed equipment containing fluorinated gas with GWP equivalent to 675.