

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
Electrical power supply		V/Ph/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	380-415 / 3 / 50
Outdoor unit	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 Ceiling



HIGH EFFICIENCY

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



FEATURES

Remote ON-OFF

Possibility of controlling switching on and off of the unit remotely using an external device.

Alarm Contact

A contact that is used to synchronise the alarm condition of the product with an external device.

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 Ceiling 18	IDU Nexya S4 E Ceiling 24	IDU Nexya S4 E Ceiling 36	IDU Nexya S4 E Ceiling 36 (ODU Three Phase)	IDU Nexya S4 E Ceiling 48 (ODU Three Phase)
INDOOR UNIT CODE		OS-SEFIH18EI	OS-SEFIH24EI	OS-SEFIH36EI	OS-SEFIH36EI	OS-SEFIH48EI
INDOOR UNIT EAN CODE		8021183116007	8021183116144	8021183116014	8021183116014	8021183116151
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 2,71-5,28-5,57	3,22-7,03-8,29	3,93-10,55-12,02	3,93-10,55-12,02	4,96-14,07-15,11
	Absorbed power (min/rated/max)	W 670-1633-1850	480-2190-2930	875-3800-4500	870-3750-4500	1158-5500-6003
	Current consumption	A 3,2-7,8-8,2	2,1-10,0-13,1	4,1-16,7-19,6	1,2-5,8-8,2	1,8-9,1-9,8
	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	304	402	602	602	803
	Capacity (min / rated / max)	kW 2,42-5,57-6,30	2,72-7,62-8,65	2,81-11,14-13,48	2,81-11,14-13,95	3,81-16,12-18,07
Heating	Absorbed power (min/rated/max)	W 540-1500-1640	500-2050-2850	730-3040-4550	730-3000-4885	1026-5050-6200
	Current consumption	A 2,7-6,6-7,3	2,2-9,5-12,7	2,8-14,0-19,8	1,2-4,8-8,3	1,6-8,14-10,3
	Theoretical Load (PdesignH) (average climate - warmer climate)	kW 4,1-5,0	5,4-4,9	8,7-10,5	9,0-9,2	11,5-12,5
	Scop (average climate - warmer climate)	4,0-5,1	4,0-5,0	4,0-4,9	4,0-5,1	4,0-4,8
	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 1435-1373	1890-1372	3045-3057	3150-2525	4025-3647
	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	2,78-3,66	2,81-3,71	2,56-3,19
Indoor unit	Dimensions (LxDxH)	mm 1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235
	Weight (without packaging)	kg 26,6	26,8	39,0	39,0	41,2
	Dimensions (with packaging) (LxDxH)	mm 1145x755x313	1145x755x313	1725x755x313	1725x755x313	1725x755x313
	Weight (with packaging)	kg 31,8	31,9	45,0	45,0	47,6
	Air flow rate (min/rated/max)	m³/h 677-786-902	853-1066-1208	1431-1844-2160	1431-1844-2160	1417-1930-2329
	Sound pressure (min/rated/max)	dB(A) 33-38-41,5	41-46-50	42-47-51	42-47-51	46-50-54
	Sound power level Max (EN 12102)	dB(A) 59	61	61	61	66
Outdoor unit	Dimensions (LxDxH)	mm 800x333x554	845x363x702	946x410x810	946x410x810	952x415x1333
	Weight (without packaging)	kg 33,7	49,4	66,8	81,5	106,7
	Dimensions (with packaging) (LxDxH)	mm 920x390x615	965x395x765	1090x500x875	1090x500x875	1095x495x1480
	Weight (with packaging)	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	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
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
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	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
	Max Power absorption	W 2950	2950	4700	5600	6200
Operational limits	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. - / +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 front of the internal unit. *Non-hermetically sealed equipment containing fluorinated gas with GWP equivalent to 675.