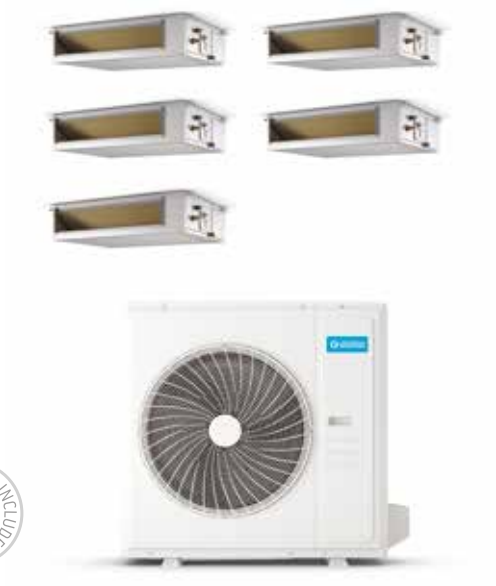
NEXYA MULTI DUCT [OS4/S5+IS6]



SLIM DESIGN

The range is characterised by its small dimensions and easier installation

AUTOMATIC SETTING OF THE AIR FLOW RATE

The system adapts automatically according to the ducts connected to the unit.

DIGITAL DISPLAY

Display on the outside of the internal unit to guaranteed he best signal reception from the remote control.

FOLLOW ME

The remote control acts as a remote thermostat to ensure correct temperature control in the point where the occupants are present in the room.

FEATURES

High energy efficiency inverter technology with low GWP R32 refrigerant.

Available in dual, trial, quadruple and quintuple versions, to air condition up to five rooms using a single external motor.

The system is modular: systems can be designed using internal wall-mounted units by selecting the right size based on the thermal load of the system.

Automatic setting of the air flow rate

Innovative automatic setting function of the air flow rate, so as to automatically adapt the system according to the ducts connected to the unit.

Reversible Air Extraction

The air extraction duct can be moved from the rear part of the product (standard configuration) to the lower part of the same, by replacing a sheet metal panel. Thus, it is possible to make the product suitable for any installation condition.

Fresh air inlet

The internal units of the commercial line are equipped with specific air inlets to introduce outdoor or fresh air into the product.

Condensation Lifting Pump

The internal units are equipped with a condensation lifting pump (with the exception of sizes 9 and 12).

Remote ON-OFF

All the units of the commercial line are equipped with terminals for controlling the remote switching on and off of the unit via an external device.

Alarm Contact

The units of the commercial line have a contact that allows the alarm status of the product to be synchronised 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.

FUNCTIONS

- **Cooling, heating, dehumidification and ventilation**
- **Auto, Sleep and Turbo functions**
- **24h timer**: to program the switching on and off.
- **Anti-dust filter**: to capture dust and pollen.
- **Follow Me function**: precise detection of the temperature at the point where the remote control is located.
- **Auto-Restart function**: after a blackout, it restarts at the last function set.

	TECHNICAL DATA		NEW IDU Nexya S6 E Duct 9	NEW IDU Nexya S6 E Duct 12	NEW IDU Nexya S6 E Duct 18
	INDOOR UNIT CODE		OS-SEDAH09EI	OS-SEDAH12EI	OS-SEDAH18EI
	EAN CODE		8021183122244	8021183122251	8021183122268
	Electrical power supply	V/F/Hz	220-240/1/50	220-240/1/50	220-240/1/50
	Cooling	kW (Nom)	2,64	3,52	5,28
	Heating	kW (Nom)	2,93	3,81	5,57
Indoor unit	Dimensions (WxHxD) (without packaging)	MM	700x200x450	700x200x450	700x245x750
	Weight (without packaging)	kg	16,6	16,6	24,4
	Dimensions (WxHxD) (with packaging)	mm	860x285x540	860x285x540	925x298x850
	Weight (with packaging)	kg	19,8	19,8	29,0
	Air flow rate (min/rated/max)	m³/h	450-540-620	470-570-660	650-780-900
	Sound pressure (min/rated/max)	dB(A)	31-33-35	31-33-35	31-34-37
	Sound power level Max (EN 12102)	dB(A)	52	52	53
	Fan pressure	Pa	25	25	25
	Fan pressure adjustment field	Pa	0-80	0-100	0-160
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 temperature in cooling (Min-Max)	°C B.S.	+16/+32	+16/+32	+16/+32
	Indoor temperature in heating (Min-Max)	°C B.S.	0/+30	0/+30	0/+30

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 of the Duct S5 range are at the following conditions: in semi-anechoic chamber, unit positioned in a free space, measuring device positioned 1.5 meters below the internal unit to which are applied standard ducts with a length of 2 meters (delivery) and 1 meter (return).

	TECHNICAL DATA		ODU Nexya S5 E Dual Inverter 14	ODU Nexya S5 E Dual Inverter 18	ODU Nexya S5 E Trial Inverter 21	ODU Nexya S4 E Quadri Inverter 28	ODU Nexya S5 E Penta Inverter 42
	OUTDOOR UNIT CODE		OS-CANMH14EI	OS-CANMH18EI	OS-CANMH21EI	OS-CEMYH28EI	OS-CANMH42EI
	EAN CODE		8021183119107	8021183119114	8021183119121	8021183116052	8021183119138
	Electrical power supply	V/F/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
Cooling	Capacity (min / rated / max)	kW	1,22-4,08-4,48	1,67-5,58-6,14	1,87-6,23-6,85	2,45-8,16-8,97	3,70-12,35-13,58
	Absorbed power (Nom/Min-Max)	kW	1,26(0,19-1,52)	1,6(0,24-1,92)	1,65(0,25-1,98)	2,35(0,35-2,82)	4,06(0,61-4,87)
	Current consumption (Nom/Min-Max)	A	5,32(0,41-6,49)	6,75(0,52-8,19)	6,96(0,54-8,44)	9,91(0,77-12,02)	17,11(1,32-20,74)
	Theoretical Load (PdesignC)	kW	4,1	5,6	6,2	8,2	12,4
	SEER		6,1	6,5	6,4	6	6,1
	Energy efficiency class		A++	A++	A++	A+	A++
	Annual energy consumption	kWh/A	234	301	340	473	1209
Heating	Capacity (min / rated / max)	kW	1,32-4,39-4,83	1,76-5,87-6,45	1,92-6,42-7,06	2,61-8,70-9,57	3,7-12,33-13,57
	Absorbed power (Nom/Min-Max)	kW	0,94(0,14-1,12)	1,45(0,22-1,74)	1,32(0,2-1,59)	2,02(0,3-2,42)	3,28(0,49-3,94)
	Current consumption (Nom/Min-Max)	A	3,95(0,31-4,79)	6,1(0,47-7,4)	5,59(0,43-6,77)	8,51(0,66-10,31)	13,85(1,07-16,79)
	Theoretical Load (PdesignH) (average climate - warmer climate)	kW	3,9-4,1	4,6-5	5,1-5,4	6,1-7,6	9,5-10,6
	Scop (average climate - warmer climate)		4,2-5,5	4-5,1	4,2-5,3	4,1-4,9	3,5-4,6
	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	1308-1037	1610-1372	1688-1414	2056-2169	3764-3217
	Energy efficiency E.E.R./C.O.P.	W/W	3,23/4,67	3,49/4,05	3,78/4,86	3,47/4,31	3,04/3,76
Outdoor unit	Dimensions (WxHxD) (without packaging)	mm	805x554x330	805x554x330	890x673x342	946x810x410	946x810x410
	Weight (without packaging)	kg	31,6	35	43,3	62,1	74,1
	Dimensions (WxHxD) (with packaging)	mm	915x615x370	915x615x370	1030x750x438	1090x875x500	1090x885x500
	Weight (with packaging)	kg	34,7	38	47,1	67,7	79,5
	Air flow rate	m³/h	2100	2100	3000	3800	3850
	Sound pressure (max)	dB(A)	56	54	58	61	64
	Sound power level (max)	dB(A)	65	65	67	69	71
	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	3	3	3	3	3
	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	1,1	1,25	1,5	2,1	2,9
	Maximum operating pressure	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/F/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
	Max Power absorption	W	2750	3050	3910	4150	4700
	Max Current	A	12	13	17	19	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 one of the combinations 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.olimpiasplendid.it and to the energy labels of the specific combination (range between A+++ and D).
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 of the Nexya S4 range are measured under the following conditions: ambient sound pressure level equal to 0 dB (pressure equal to 20Pa), unit positioned in free field conditions, measuring device positioned at a distance of 1.5 metres (external unit).
The sound pressure values of the Nexya S5 range are measured under the following conditions: in semi-anechoic chamber, unit positioned in free field conditions, measuring device positioned at a distance of 1 metre (external unit).
* Non hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675.