

SPLIT AIR-TO-AIR HEAT PUMPS

NEXYA MULTI DUCT

[OS4/S5+IS6]



Size	14, 18, 21, 28, 42
Energy class	A++
Type	multisplit
Filtration	antidust
Application	commercial



High installation flexibility

Suitable for any installation condition, thanks to the modular system (dual, triad, quadri and penta versions to air condition up to 5 rooms with one external motor), more compact size of indoor units and reversible air intake: the duct can be moved from the back of the product (standard configuration) to the bottom, replacing it with a sheet metal panel.

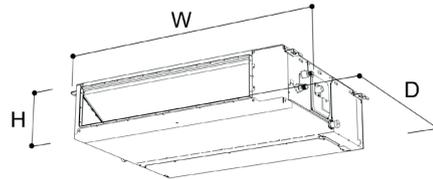
Automated air flow rate

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

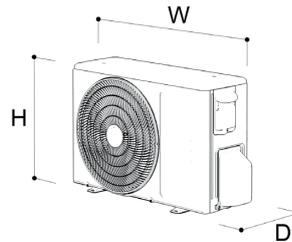
TECHNICAL INFO

- Digital display outside the indoor unit to ensure the best reception of remote control signals.
- Ability to control with external devices to turn on and off (remote on-off) and synchronize alarm condition (alarm contact).
- Indoor unit equipped with specific air inlets for introduction of outside or fresh air and condensate liquid lift pump (except for size 9 and 12).
- Hydrophillic Aluminum coating on the outdoor unit coil to prevent corrosive weathering.
- Compatible with Airzone control systems.

DIMENSIONS AND WEIGHT



		9	12	18
W	mm	700	700	700
H	mm	200	200	245
D	mm	450	450	750
WEIGHT	kg	16,6	16,6	24,4



		14	18	21	28	42
W	mm	805	805	890	946	946
H	mm	554	554	673	810	810
D	mm	330	330	342	410	410
WEIGHT	kg	31,6	35,0	43,3	62,1	74,1

- Cooling
- Heating
- Dehumidification
- Ventilation
- Auto Mode
- Auto-diagnosis
- Auto-restart
- Defrost
- Temperature Sensor
- Sleep Mode
- Timer
- Turbo Mode



COMPATIBLE ACCESSORIES

B1234	Wireless 4-wire wall control	
B0969	4-wire wall-mounted remote control	
B0970	Wi-Fi disc kit	

TECHNICAL DATA

		UE Nexya S5 E Dual Inverter T4	UE Nexya S5 E Dual Inverter T8	UE Nexya S5 E Trial Inverter Z1	UE Nexya S4 E Quadri Inverter T8	UE Nexya S5 E Penta Inverter Z2	
Outdoor unit code		OS-CANMH14E1	OS-CANMH18E1	OS-CANMH21E1	OS-CEMYH28E1	OS-CANMH42E1	
Outdoor unit EAN code		8021183119107	8021183119114	8021183119121	8021183116052	8021183119138	
Output power in cooling mode (min/rated/max)		(1) 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
Output power in heating mode (min/rated/max)		(1) 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 in cooling mode (min/rated/max)		(1) kW	0,19-1,26-1,52	0,24-1,6-1,92	0,25-1,65-1,98	0,35-2,35-2,82	0,61-4,06-4,87
Absorbed power in heating mode (min/rated/max)		(1) kW	0,14-0,94-1,12	0,22-1,45-1,74	0,2-1,32-1,59	0,3-2,02-2,42	0,49-3,28-3,94
Absorption in cooling mode (min/nom/max)		(1) A	0,41-5,32-6,49	0,52-6,75-8,19	0,54-6,96-8,44	0,77-9,91-12,02	1,32-17,11-20,74
Absorption in heating mode (min/nom/max)		(1) A	0,31-3,95-4,79	0,47-6,1-7,4	0,43-5,59-6,77	0,66-8,51-10,31	1,07-13,85-16,79
EER		(1)	3,23	3,49	3,78	3,47	3,04
COP		(1)	4,67	4,05	4,86	4,31	3,76
Maximum power consumption in cooling mode		(2) kW	2,75	3,05	3,91	4,15	4,70
Maximum power consumption in heating mode		(3) kW	2,75	3,05	3,91	4,15	4,70
Energy efficiency class in cooling		(4)	A++	A++	A++	A+	A++
Energy efficiency class in heating mode - Average season		(4)	A+	A+	A+	A+	A
Energy efficiency class in heating mode - Warmer season		(4)	A+++	A+++	A+++	A++	A++
Energy efficiency class in heating mode - Cold season		(4)	-	-	-	-	-
Annual energy consumption in cooling mode		(4) kWh/year	234	300	340	473	1210
Annual energy consumption in heating mode - Average season		(4) kWh/year	1308	1610	1688	2056	3764
Annual energy consumption in heating mode - Warmer season		(4) kWh/year	1037	1372	1414	2169	3217
Annual energy consumption in heating mode - Cold season		(4) kWh/year	-	-	-	-	-
PROJECT LOADS [EN 14825]	Cooling	Pdesignch (4)	4,1	5,6	6,2	8,2	12,4
	Heating - Mid Season	Pdesignh (4)	3,9	4,6	5,1	6,1	9,5
	Heating - Hot season	Pdesignh (4)	4,1	5,0	5,4	7,6	10,6
	Heating - Cold Season	Pdesignh (4)	-	-	-	-	-
SEASONAL EFFICIENCY [EN14825]	Cooling	SEER (4)	6,1	6,5	6,4	6,0	6,1
	Heating - Mid Season	SCOP (A) (4)	4,2	4,0	4,2	4,1	3,5
	Heating - Hot season	SCOP (W) (4)	5,5	5,1	5,3	4,9	4,6
	Heating - Cold Season	SCOP (C) (4)	-	-	-	-	-
OUTDOOR UNIT	Dimensions (WxHxD) (without packaging)	mm	805x554x330	805x554x330	890x673x342	946x810x410	946x810x410
	Weight (without packaging)	kg	31,6	35,0	43,3	62,1	74,1
	Dimensions (WxHxD) (with packaging)	mm	915x615x370	915x615x370	1030x750x438	1090x875x500	1090x885x500
	Weight (with packaging)	kg	34,7	38,0	47,1	67,7	79,5
	Air flow rate	m ³ /h	2100	2100	3000	3800	3850
	Sound Pressure	(7) dB(A)	56	54	58	61	64
	Sound power	LWA (5) dB(A)	65	65	67	69	71
COOLING CIRCUIT	Liquid connection pipeline diameter	nr inch-mm	2 x 1/4"-6,35	2 x 1/4"-6,35	3 x 1/4"-6,35	4 x 1/4"-6,35	5 x 1/4"-6,35
	Connecting gas pipeline diameter	nr inch-mm	2 x 3/8"-9,52	2 x 3/8"-9,52	3 x 3/8"-9,52	3 x 3/8"-9,52 + 1 x 1/2"-12,7	4 x 3/8"-9,52 + 1 x 1/2"-12,7
	Piping length covered by precharge	m	15	15	22,5	30	37,5
	Piping recommended minimum length	m	3	3	3	3	3
	Maximum piping length (overall)	m	40	40	60	80	80
	Maximum pipeline length (single pipeline branch)	m	25	25	30	35	35
	Additional refrigerant	g/m	12	12	12	12	12
	Maximum elevation of external unit above internal units	m	15	15	15	15	15
	Maximum elevation of external unit below internal units	m	15	15	15	15	15
	Maximum elevation difference between internal units	m	10	10	10	10	10
	Refrigerant gas	Type (8)	R32	R32	R32	R32	R32
	Global warming potential	GWP	675	675	675	675	675
	Refrigerant preloaded quantity	kg	1,1	1,25	1,5	2,1	2,9
Maximum operating pressure (High/Low side)	MPa	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7	
ELECTRI- CAL CON- DITIONS	External Unit Power Supply	V/F/Hz	Single-phase 220-240/1/50	Single-phase 220-240/1/50	Single-phase 220-240/1/50	Single-phase 220-240/1/50	Single-phase 220-240/1/50
	Maximum Current	A	12	13	17	19	22
OUTDOOR TEMPERATURES	Operating temperatures in cooling mode (min/max)	°C B.S.	-/+50	-/+50	-/+50	-/+50	-/+50
	Operating temperatures in heating mode (min/max)	°C B.U.	-15/+24	-15/+24	-15/+24	-15/+24	-15/+24

TECHNICAL DATA

		UI Nexya S6 E Duct 9	UI Nexya S6 E Duct 12	UI Nexya S6 E Duct 18	
Indoor unit code		OS-SEDAH09E1	OS-SEDAH12E1	OS-SEDAH18E1	
Indoor unit EAN code		8021183122244	8021183122251	8021183122268	
Indoor Unit Power Supply		V/F/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Nominal cooling capacity		(1) kW	2,64	3,52	5,28
Nominal heating capacity		(1) kW	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
	Indoor air flow rate in cooling mode (min/average/max)	m ³ /h	450-540-620	470-570-660	650-780-900
	Indoor air flow rate in heating mode (min/average/max)	m ³ /h	450-540-620	470-570-660	650-780-900
	Sound pressure (silent/min/med/max)	(6) dB(A)	/-31-33-35	/-31-33-35	/-31-34-37
	Sound power	(5) dB(A)	52	52	53
	Fan pressure	Pa	25	25	25
	Fan pressure adjustment field	Pa	0-80	0-100	0-160
INDOOR TEMPERATURES	Liquid connection pipeline diameter	inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35
	Connecting gas pipeline diameter	inch - mm	3/8" - 9,52	3/8" - 9,52	1/2" - 12,7
	Operating temperatures in cooling mode (min/max)	°C B.S.	+16/+32	+16/+32	+16/+32
	Operating temperatures in heating mode (min/max)	°C B.S.	0/+30	0/+30	0/+30

(1) The data refers to the EN 14511 Standard

(2) Cooling test conditions: indoor temperature DB 32°C - WB 26°C; outdoor temperature DB 37°C

(3) Heating test conditions: indoor temperature DB 27°C; outdoor temperature DB 3°C - WB 2°C

(4) The data refers to the EN 14825 Standard

(5) The data refers to the EN 12102 Standard

(6) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned 1.5 metres below the internal unit fitted with standard ducting of 2 metres (delivery) and 1 metre (return)

(7) Test conditions: semi-anechoic chamber, unit positioned in free-field conditions, measuring instrument positioned at a distance of 1 metre (external unit)

(8) Non-hermetically sealed equipment containing fluorinated gas with a GWP equivalent of 675

The declared data refers to one of the combinations capable of achieving the highest energy class. For the energy class and performance of the individual combinations, refer to the selection tables on the website www.olimpiaspandit.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 is subject to changes and modifications without prior notice.