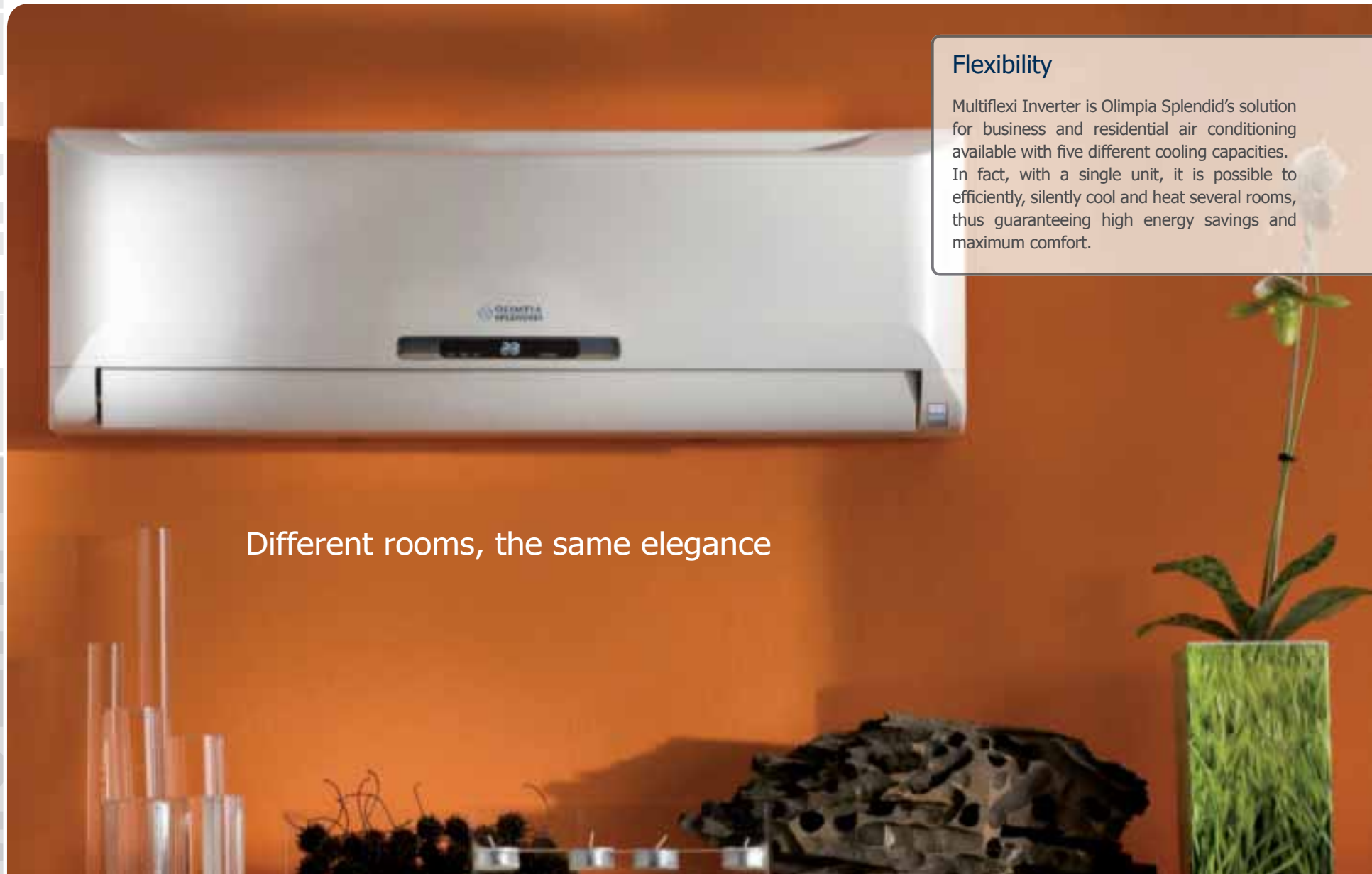




MultiFlexi Inverter



Flexibility

Multiflexi Inverter is Olimpia Splendid's solution for business and residential air conditioning available with five different cooling capacities. In fact, with a single unit, it is possible to efficiently, silently cool and heat several rooms, thus guaranteeing high energy savings and maximum comfort.

Different rooms, the same elegance



MultiFlexi Inverter DC Dual 21 HP



Maximum of 2 interior units chosen from



MultiFlexi Inverter AC Triad 26 HP HE



Maximum of 2 interior units chosen from



MultiFlexi Inverter AC Quadri 28 HP HE



Maximum of 2 interior units chosen from



Cools and heats rooms quickly

Multiflexi Inverter is Olimpia Splendid's solution for business and residential air conditioning available with five different cooling capacities. In fact, with a single unit, it is possible to efficiently, silently cool and heat several rooms, thus guaranteeing high energy savings and maximum comfort.

Choice of the type of indoor unit

Besides serving several rooms with a single system, hooking up from two to four indoor units to the same outdoor unit, Multiflexi Inverter also lets you choose what indoor unit to set in the various rooms according to the space available and the position selected: the classic wall split model that is normally wall-mounted but which can also be ceiling-mounted, the Duct unit which comes in two versions, or the Four Way Cassette Compact.

Choosing the Type of Interior Unit

In addition to being able to serve more than one room with a single system, by connecting the same exterior unit to various interior units, from two to four, Multiflexi Inverter offers a further possibility of choice as regards the interior units to be located in the various rooms: the classic wall-mounted, but, alternatively, also on the ceiling, or the channelled Duct in two versions, or the Four Way Cassette Compact, all according to the planned interiors and location.



Wall Split

OS-SEAMH09EI
OS-SEAMH12EI



Low Static Pressure Duct

OS-SECMH09EI
OS-SECMH12EI



Four-way Cassette Compact

OS-SESMH12EI



MultiFlexi Inverter

Functions

The practical remote control with its large display, lets you select, among other things, the following functions:

a) Automatic

Once the desired temperature has been set on the remote control, this function regulates it and maintains it automatically.

b) Turbo

Activates maximum fan speed to reach the desired temperature as quickly as possible.

c) Dry

This mode optimizes the air conditioning operation and fan speed in order to absorb humidity.

d) Sleep

The temperature setpoint is increased (in cooling mode) or decreased (in heating mode) by 1°C per hour for the first two hours. Then the temperature setpoint doesn't change for the next 5 hours, after which the unit is switched. The Sleep mode lets you maintain a comfortable temperature and, at the same time, save power.

Ecological

The MultiFlexi Inverter uses environmentally-friendly R410A gas that has practically no impact on the ozone layer.

UE 21 DUAL COUPLING

	COOLING CAPACITY	HEATING CAPACITY
9	2,64	3,26
12	3,51	4,00
9 + 9	2,10 + 2,10	2,45 + 4,45
9 + 12	2,0 + 2,6	2,3 + 3,1

UE 26 TRIAL COUPLING

	COOLING CAPACITY	HEATING CAPACITY
9 + 9	2,64 + 2,64	3,15 + 3,15
9 + 12	2,78 + 3,33	3,11 + 3,65
12 + 12	3,10 + 3,10	3,50 + 3,50
9 + 9 + 9	2,2 + 2,2 + 2,2	2,69 + 2,69 + 2,69
9 + 9 + 12	2,15 + 2,15 + 2,89	2,68 + 2,68 + 3,07
9 + 12 + 12	2,09 + 2,76 + 2,76	2,58 + 3,21 + 3,21

UE 26 QUADRI COUPLING

	COOLING CAPACITY	HEATING CAPACITY
9 + 12	2,78 + 3,33	3,11 + 3,65
12 + 12	3,38 + 3,38	3,72 + 3,72
9 + 9 + 9	2,48 + 2,48 + 2,48	2,70 + 2,70 + 2,70
9 + 9 + 12	2,32 + 2,32 + 2,83	2,63 + 2,63 + 3,18
9 + 12 + 12	2,20 + 2,87 + 2,87	2,73 + 3,09 + 3,09
12 + 12 + 12	2,84 + 2,84 + 2,84	3,10 + 3,10 + 3,10
9 + 9 + 9 + 9	1,93 + 1,93 + 1,93 + 1,93	2,34 + 2,34 + 2,34 + 2,34
9 + 9 + 9 + 12	1,86 + 1,86 + 1,86 + 2,31	2,24 + 2,24 + 2,24 + 2,62

MultiFlexi Inverter

DC DUAL 21 HP HE

AC TRIAL 26 HP HE

AC QUADRI 28 HP HE

Power supply	V-F-Hz	230-1-50	230-1-50	230-1-50
Power supply (min/max)	V	187/253	187/253	187/253
Maximum operating pressure	MPa	4,20	4,20	4,20
Max connecting length	m	30	45	60
Tubing length difference between the indoor units (max)	m	12	12	12
Max height difference	m	10	10	10
Additional gas (over 8 mt length)	g/m	30	30	30
Maximum remote control range (distance/angle)	m/°	8/45	8/45	8/45
Fuse	-	16A	25 A	25 A

Indoor unit		OS-SEAMH09EI	OS-SEAMH12EI	OS-SEAMH09EI	OS-SEAMH12EI	OS-SEAMH09EI	OS-SEAMH12EI
Dimensions (W x H x D)	mm	710x250x195	790x265x195	710x250x195	790x265x195	710x250x195	790x265x195
Air volume in cooling mode (max/med./min.)	m ³ /h	570/480/350	600/520/420	570/480/350	600/520/420	570/480/350	600/520/420
Air volume in heating mode (max/med./min.)	m ³ /h	570/480/350	600/520/420	570/480/350	600/520/420	570/480/350	600/520/420
Protection level	-	IP24	IP24	IP24	IP24	IP24	IP24
Fan speed	-	3	3	3	3	3	3
Ø Connecting pipe (liquid)	pollici-mm	1/4"-6,35	1/4"-6,35	1/4"-6,35	1/4"-6,35	1/4"-6,35	1/4"-6,35
Ø Connecting pipe (gas)	pollici-mm	3/8"-9,53	1/2"-12,7	3/8"-9,53	1/2"-12,7	3/8"-9,53	1/2"-12,7
Sound pressure*	dB(A) (min - max)	31-37	34-40	31-37	34-40	31-37	34-40
Weight (without packing)	Kg	8,0	9,0	8,0	9,0	8,0	9,0

Outdoor unit		OS-CEDMH21EI	OS-CEAMH26EI	OS-CEAMH28EI
Dimensions (W x H x D)	mm	845x695x335	845x695x335	895x860x330
Air volume (max)	m ³ /h	2.500	2.500	3.500
Protection level	-	IP24	IP24	IP24
Fan speed	-	1	1	2
Refrigerant gas/load	Type/Kg	R410A/1,800	R410A/2,350	R410A/2,850
Maximum refrigerant gas charge allowed	Kg	-	3,150	4,050
Sound pressure*	dB (A)	55	52-60	52-62
Weight (without packing)	Kg	61	72	80

Modularity

Several indoor units can be connected to the outdoor unit, even at different times. This modularity lets you achieve a wide range of combinations each saves money at the time of purchase and reduces operating costs.



The picture is representative only of model DC DUAL 21 HP HE

MultiFlexi Inverter

MULTIFLEXI INVERTER DC DUAL 21 HP HE COUPLING

CONFIGURATION		OS-CEDMHEI +OS-SEAMH09EI	OS-CEDMH21EI +OS-SEAMH12EI	OS-CEDMH21EI +OS-SEAMH09EI +OS-SEAMH09EI	OS-CEDMH21EI +OS-SEAMH09EI +OS-SEAMH12EI
Cooling capacity (1)	kW	2,64	3,51	4,20	4,60
Heating capacity (2)	kW	3,26	4,00	4,90	5,40
Power absorption in cooling mode (1)	W	723	975	1.176	1.299
Power absorption in heating mode (2)	W	881	1.090	1.346	1.492
Nominal absorption in cooling mode (1)	A	3,3	4,4	5,3	5,9
Nominal absorption in heating mode (2)	A	4,0	5,0	6,1	6,8
Yearly energy consumption in cooling mode (1)	kWh	362	488	588	650
Dehumidification capacity	l/h	1,10	1,3	2,1	2,2
Maximum absorption in cooling mode (3)	W	1.200	1.440	2.150	2.150
Maximum absorption in heating mode (4)	W	1.250	1.390	2.150	2.150
Absorption in cooling mode (3)	A	5,4	6,5	10,5	10,5
Absorption in heating mode (4)	A	5,6	6,3	10,5	10,5
E.E.R.	-	3,65	3,60	3,57	3,54
C.O.P.	-	3,70	3,67	3,64	3,62
Energy Efficiency Class in cooling mode	-	A	A	A	A
Energy Efficiency Class in heating mode	-	A	A	A	A

MultiFlexi Inverter

MULTIFLEXI INVERTER AC TRIAL 26 HP HE COUPLING

CONFIGURATION		OS-CEAMH26EI +OS-SEAMH09EI +OS-SEAMH09EI	OS-CEAMH26EI +OS-SEAMH09EI	OS-CEAMH26EI +OS-SEAMH12EI +OS-SEAMH12EI	OS-CEAMH26EI +OS-SEAMH09EI +OS-SEAMH12EI	OS-CEAMH26EI +OS-SEAMH09EI +OS-SEAMH09EI	OS-CEAMH26EI +OS-SEAMH12EI +OS-SEAMH12EI +OS-SEAMH09EI
Cooling capacity (1)	kW	5,28	6,11	6,20	7,19	6,60	7,61
Heating capacity (2)	kW	6,30	6,76	7,00	8,43	8,07	9,00
Power absorption in cooling mode (1)	W	1.725	2.023	2.039	2.350	2.164	2.487
Power absorption in heating mode (2)	W	1.831	1.965	2.047	2.458	2.360	2.632
Nominal absorption in cooling mode (1)	A	7,5	8,8	8,9	10,2	9,4	10,8
Nominal absorption in heating mode (2)	A	8,0	8,5	8,9	10,7	10,3	11,4
Yearly energy consumption in cooling mode (1)	kWh	863	1.012	1.020	1.175	1.082	1.243
Dehumidification capacity	l/h	2,1	2,2	2,4	3,2	2,9	3,4
Maximum absorption in cooling mode (3)	W	2.186	2.378	2.494	2.824	2.598	2.945
Maximum absorption in heating mode (4)	W	2.234	2.335	2.456	2.917	2.625	3.108
Absorption in cooling mode (3)	A	9,8	10,6	11,1	12,7	11,7	13,2
Absorption in heating mode (4)	A	10,1	10,5	10,9	13,1	12,0	14,5
E.E.R.	-	3,06	3,02	3,04	3,06	3,05	3,06
C.O.P.	-	3,44	3,44	3,42	3,43	3,42	3,42
Energy Efficiency Class in cooling mode	-	B	B	B	B	B	B
Energy Efficiency Class in heating mode	-	B	B	B	B	B	B

MultiFlexi Inverter

MULTIFLEXI INVERTER AC QUADRI 28 HP HE COUPLING

CONFIGURATION		OS-CEAMH28EI +OS-SEAMH09EI +OS-SEAMH12EI	OS-CEAMH28EI +OS-SEAMH12EI +OS-SEAMH12EI	OS-CEAMH28EI +OS-SEEAMH09EI +OS-SEAMH09EI +OS-SEAMH12EI	OS-CEAMH28EI +OS-SEAMH09EI +OS-SEAMH09EI +OS-SEAMH09EI	OS-CEAMH28EI +OS-ESAMH12EI +OS-SEAMH12EI +OS-SEAMH09EI	OS-CEAMH28EI +OS-SEAMH12EI +OS-SEAMH12EI +OS-SEAMH12EI	OS-CEAMH28EI +OS-SEAMH09EI +OS-SEAMH09EI +OS-SEAMH09EI +OS-SEAMH12EI	OS-CEAMH28EI +OS-SEAMH09EI +OS-SEAMH09EI +OS-SEAMH09EI +OS-SEAMH09EI
Cooling capacity (1)	kW	6,11	6,76	7,47	7,44	7,94	8,52	7,89	7,72
Heating capacity (2)	kW	6,76	7,44	8,44	8,10	8,91	9,30	9,34	9,36
Power absorption in cooling mode (1)	W	2.023	2.221	2.482	2.431	2.589	2.818	2.557	2.501
Power absorption in heating mode (2)	W	1.972	2.170	2.470	2.358	2.610	2.722	2.720	2.726
Nominal absorption in cooling mode (1)	A	8,8	10,0	10,8	10,8	11,7	12,7	11,4	7,8
Nominal absorption in heating mode (2)	A	8,6	9,7	10,7	10,6	11,7	12,1	12,0	11,9
Yearly energy consumption in cooling mode (1)	kWh	1.011	1.111	1.241	1.215	1.294	1.409	1.278	894
Dehumidification capacity	l/h	2,2	2,4	3,1	2,9	3,3	3,3	4,1	4,1
Maximum absorption in cooling mode (3)	W	2.378	2.621	2.893	2.987	3.006	3.342	3.288	3.288
Maximum absorption in heating mode (4)	W	2.344	2.648	2.875	2.812	3.088	3.296	3.307	3.307
Absorption in cooling mode	A	10,7	11,6	12,9	13,5	13,5	14,8	14,8	14,8
Absorption in heating mode	A	10,6	11,7	12,8	12,8	13,8	14,6	15,0	15,0
E.E.R.	-	3,02	3,04	3,01	3,06	3,07	3,02	3,09	3,09
C.O.P.	-	3,43	3,43	3,42	3,44	3,42	3,42	3,43	3,43
Energy Efficiency Class in cooling mode	-	B	B	B	B	B	B	B	B
Energy Efficiency Class in heating mode	-	B	B	B	B	B	B	B	B

OPERATING TEMPERATURES

	Indoor temperature	Outdoor temperature
Maximum temp. cooling mode	DB 32°C - WB 24°C	DB 43°C
Minimum temp. cooling mode	DB 17°C - WB 14°C	DB 15°C
Maximum temp. heating mode	DB 27°C	DB 15°C
Minimum temp. heating mode	DB 17°C	DB 15°C

TESTING CONDITIONS

	Indoor temperature	Outdoor temperature
(1) Test conditions for cooling capacity	DB 27°C - WB 19°C	DB 35°C - WB 24°C
(2) Test conditions for heating capacity	DB 20°C - WB 15°C	DB 7°C - WB 6°C
(3) High cooling load test conditions	DB 32°C - WB 24°C	DB 43°C - WB 32°C
(4) High heating load test conditions	DB 25°C	DB 20°C - WB 17°C

The technical data are referred to EN 14511.

*The sound **pressure** was measured in a semi-anechoic chamber at one meter from the front panel of the unit and the microphone set at a height of one meter off the floor.

The **power of the sound was measured according to the norm ISO 3741.