

Award winning design

Attention to design and harmonious integration into the architecture has led Olimpia Splendid to reinvent fan coil units. The first to introduce ultraslim and slim fan coil units to the market, today the brand is synonymous of reduced thickness: in just 12.9 or 17.9 cm, Olimpia Splendid encompasses year-round comfort. Olimpia Splendid has won 7 international awards for the aesthetics of its fan coil units, from 2013 to today.



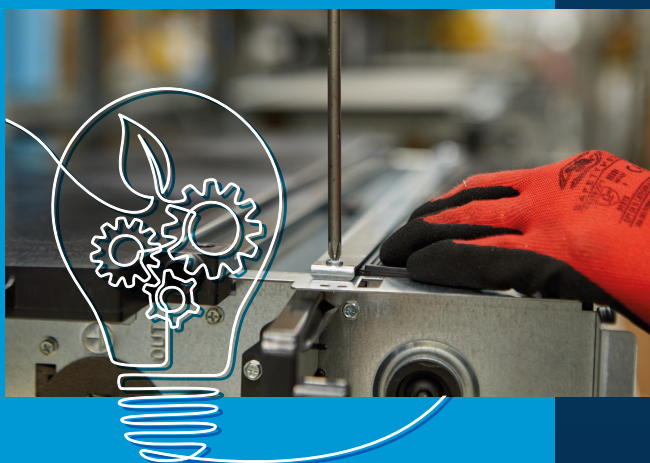
Patented radiant technology

The Bi2 fan coil units are also available in the radiant version, with a tubular heating panel, in addition to the coil, which stands out for its superior performance compared to other systems with radiant technology on the market. It allows the static operation of the machine during heating, for complete absence of noise.



Made in Italy quality

Bi2 terminals are designed in Olimpia Splendid's R&D centre and produced in the smart factory in Cellatica (BS): a state-of-the-art production hall, where semi-automatic lines support the work of highly specialised workers. The typically Italian care to detail is a further guarantee of product quality.



DUCTABLE FAN COIL UNITS

Bi2 DUCTED



 Slim design (size ≥1100) - Thickness min 21.5 cm

High-headed ducting

FEATURES
10 power sizes
Front or rear air intake
Enhanced brushless DC motor



Power sizes		220			320			420			520			620		
DCT PB (posteriore)		02536			02537			02538			02539			02540		
DCT PF (frontale)		02546			02547			02548			02549			02550		
Fan speed		MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX
Total power output in cooling mode - kW	a27/19 - w7/12	1.37	1.5	1.58	1.65	1.74	1.84	1.93	2.05	2.17	2.75	2.98	3.12	3.08	3.34	3.52
Sensitive power output in cooling mode - kW	a27/19 - w7/12	1.11	1.21	1.28	1.39	1.47	1.56	1.54	1.64	1.74	2.18	2.37	2.49	2.39	2.6	2.75
Water side head loss - kPa	a27/19 - w7/12	7.1	8.3	9.1	3.7	4.0	4.5	11.9	13.3	14.6	9.3	10.7	11.7	10.0	11.5	12.6
Total power output in heating mode - kW	a20/15 - w50/-	1.79	1.96	2.08	2.5	2.64	2.81	2.76	2.94	3.12	3.91	4.26	4.47	4.31	4.69	4.96
Water side head loss - kPa	a20/15 - w50/-	6.4	7.6	8.4	3.3	3.7	4.1	10.6	11.9	13.3	8.5	9.9	10.7	9	10.5	11.5
Total power output in heating mode - kW	a20/15 - w45/40	1.5	1.64	1.74	2.13	2.26	2.4	2.34	2.49	2.64	3.31	3.6	3.78	3.64	3.96	4.19
Water side head loss - kPa	a20/15 - w45/40	7	8.2	9	4.9	5.4	6	14	15.6	17.3	10.9	12.6	13.8	11.2	13	14.4
Absorbed power - W		31	38	47	33	43	54	33	43	54	67	87	90	67	87	90
Sound power Lw (A) - dB(A)		55	57	59	56	59	60	56	59	60	59	61	62	59	61	62

Power sizes		720			820			1020			1120			1220		
DCT PB (posteriore)		02541			02542			02543			02544			02545		
DCT PF (frontale)		02551			02552			02553			02554			02555		
Fan speed		MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX
Total power output in cooling mode - kW	a27/19 - w7/12	3.54	3.8	3.97	3.97	4.26	4.48	4.68	5	5.29	5.75	6.13	6.46	6.59	7	7.41
Sensitive power output in cooling mode - kW	a27/19 - w7/12	2.91	3.14	3.29	3.15	3.4	3.58	3.6	3.86	4.1	4.8	5.14	5.43	5.25	5.6	5.94
Water side head loss - kPa	a27/19 - w7/12	13.7	15.5	16.8	12.4	14.1	15.4	19.1	21.5	23.8	19.4	21.7	23.9	14.6	16.5	18.0
Total power output in heating mode - kW	a20/15 - w50/-	4.86	5.25	5.5	5.4	5.83	6.14	6.36	6.81	7.23	8.03	8.6	9.1	8.65	9.22	9.78
Water side head loss - kPa	a20/15 - w50/-	12.2	14.1	15.2	11	12.7	13.9	16.9	19.1	21.1	17.4	19.7	21.8	13.1	14.6	16.3
Total power output in heating mode - kW	a20/15 - w45/40	4.1	4.43	4.64	4.55	4.91	5.17	5.36	5.74	6.09	6.79	7.26	7.69	7.26	7.73	8.2
Water side head loss - kPa	a20/15 - w45/40	14.9	17.1	18.6	13.3	15.2	16.7	20.4	23.1	25.6	21.8	24.6	27.2	14.5	16.2	18
Absorbed power - W		70	91	94	70	91	94	75	90	90	124	149	172	124	149	172
Sound power Lw (A) - dB(A)		60	61	62	60	61	62	60	61	62	61	62	64	61	62	64



Olimpia Splendid is an Italian company that, since 1956, has been designing, manufacturing and marketing products for Air Conditioning, Heating and Air Treatment. The Home of Comfort payoff describes our commitment to creating innovative, environmentally friendly products with an unmistakable Made in Italy design. Our goal is to satisfy, in every season, the needs of our customers worldwide. Comfort at Home is the result.

www.olimpiasplendid.com



ITALIAN
COMPANY
SINCE 1956



Bi2 | Fan coil units for comfort throughout the year

CONSOLE FAN COIL UNITS

Bi2 AIR



Console with integral design

FEATURES
8 power sizes (up to 4.85 kW)
Available with integrated radiant panel (SLR version).
DC brushless motor
Motorised steel air delivery flap
Front in metal, sides in ABS
Colour white RAL 9003

 **INTEGRAL DESIGN**

 **MULTISET CONTROL**

 **PRO POWER**

 Ultraslim design (sizes ≤1000) - Thickness min **12.9 cm**

 Slim design (sizes ≥1100) - Thickness min **17.9 cm**

Bi2 SMART S1



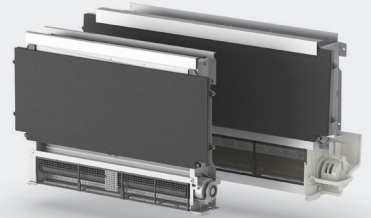
Console total flat

FEATURES
5 power sizes (up to 3.78 kW)
Available with integrated radiant panel (SLR version).
DC brushless motor
Air delivery grille
Front in metal, sides in ABS.
Colour white RAL 9003

 **TOTAL FLAT DESIGN**

 Ultraslim design - Thickness min **12.9 cm**

Bi2 NAKED



Recessed fan coil unit

FEATURES
7 power sizes (up to 4.85 kW)
Available with integrated radiant panel (SLIR version).
DC brushless motor
Wall installation with closing panel (colour white RAL 9003).
For the SLI version, wall installation with grids or false ceiling is also possible.

 **SMALL FOOTPRINT**

 **PRO POWER**

 Ultraslim design (sizes ≤1000) - Thickness min **14.2 cm**

 Slim design (sizes ≥1100) - Thickness min **21.7 cm**

Power sizes		200			400			600			800		
SLR Air inverter (with TR command)		01856			01857			01858			01859		
SLR Air inverter (with AR command)		01772			01773			01774			01775		
SL Air inverter (with TR command)		01851			01852			01853			01854		
SL Air inverter (with AR command)		01767			01768			01769			01770		
SLR Smart S1 inverter		02127			02128			02129			02130		
SL Smart S1 inverter		02122			02123			02124			02125		
SLIR inverter		01639			01640			01641			01642		
SLI inverter		01513			01514			01515			01516		
Fan speed		MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX
Total power output in cooling mode - kW	a27/19 - w7/12	0.38	0.71	0.82	0.91	1.34	1.74	1.50	2.10	2.54	1.98	2.69	3.29
Sensitive power output in cooling mode - kW	a27/19 - w7/12	0.26	0.50	0.64	0.65	1.02	1.25	1.10	1.56	1.94	1.54	2.09	2.54
Water side head loss - kPa	a27/19 - w7/12	3.8	10.6	13.1	2.4	5.5	8.2	7.5	14.2	19.0	7.3	13.8	18.7
Total power output in heating mode - kW	a20/15 - w50/-	0.64	0.84	1.05	1.25	1.65	2.31	1.75	2.56	3.12	2.21	3.10	4.10
Water side head loss - kPa	a20/15 - w50/-	3.2	8.8	10.9	2.0	4.6	6.8	6.2	11.8	15.8	6.1	11.5	15.5
Total power output in heating mode - kW	a20/15 - w45/40	0.54	0.70	0.88	1.06	1.39	1.94	1.46	2.14	2.60	1.85	2.60	3.44
Water side head loss - kPa	a20/15 - w45/40	5.7	8.8	12.2	2.9	4.8	7.9	5.8	11.8	16.0	4.1	8.9	14.2
Absorbed power - W		5	7	11	6	9	19	7	11	20	8	12	24
Sound power Lw (A) - dB(A)		38	45	52	39	46	53	41	47	53	42	48	54

Power sizes		1000			1100			1400			1600		
SLR Air inverter (with TR command)		01860			02360			02052			02054		
SLR Air inverter (with AR command)		01776			02359			02053			02055		
SL Air inverter (with TR command)		01855			02362			02048			02050		
SL Air inverter (with AR command)		01771			02361			02049			02051		
SLR Smart S1 inverter		-			-			-			-		
SL Smart S1 inverter		02126			-			-			-		
SLIR inverter		-			02364			02071			02072		
SLI inverter		-			02363			02056			02057		
Fan speed		MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX
Total power output in cooling mode - kW	a27/19 - w7/12	2.17	3.25	3.78	2.43	3.24	3.85	3.05	3.78	4.45	3.28	4.09	4.85
Sensitive power output in cooling mode - kW	a27/19 - w7/12	1.71	2.42	2.98	1.78	2.41	2.93	2.14	2.69	3.20	2.30	2.90	3.50
Water side head loss - kPa	a27/19 - w7/12	5.7	13.1	18.2	13.9	23.7	32.6	19.0	27.8	37.2	20.9	30.8	41.0
Total power output in heating mode - kW	a20/15 - w50/-	3.05	3.77	4.67	2.88	4.06	4.80	3.61	4.53	5.50	3.85	4.87	5.90
Water side head loss - kPa	a20/15 - w50/-	4.7	10.9	15.1	12.3	21.1	29.1	16.2	23.7	31.7	19.4	28.6	35.7
Total power output in heating mode - kW	a20/15 - w45/40	2.56	3.16	3.91	2.60	3.40	4.11	3.07	3.87	4.70	3.28	4.16	5.05
Water side head loss - kPa	a20/15 - w45/40	6.4	9.8	13.9	14.3	23.5	33.3	17.1	25.8	35.5	20.2	30.8	38.8
Absorbed power - W		9	14	27	6	13	26	6	13	26	6	15	29
Sound power Lw (A) - dB(A)		42	48	54	39	46	50	38	49	54	39	50	55

HIGH-WALL FAN COIL UNITS

Bi2 WALL



High-wall

FEATURES
6 power sizes (up to 3.90 kW)
DC brushless motor
Motorised steel air delivery flap
Front in metal, sides in ABS
Colour white RAL 9003

 **COMPACT DESIGN**

 **FAMILY FEELING**

 **MULTISET CONTROL**

 Ultraslim design (sizes ≤800) - Thickness min **12.9 cm**

 Slim design (sizes ≥1000) - Thickness min **22.6 cm**

Power sizes		400			600			800		
SLW inverter (with 2-way valve and TR command)		01784			01785			01786		
SLW inverter (with 2-way valve and AR command)		01875			01876			01877		
SLW inverter (with 3-way valve and TR command)		01787			01788			01789		
SLW inverter (with 3-way valve and AR command)		01878			01879			01880		
Fan speed		MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX
Total power output in cooling mode - kW	a27/19 - w7/12	0.52	0.71	1.01	0.69	0.89	1.23	0.77	1.09	1.82
Sensitive power output in cooling mode - kW	a27/19 - w7/12	0.42	0.59	0.91	0.58	0.80	1.15	0.65	0.95	1.47
Water side head loss - kPa	a27/19 - w7/12	2.8	5.2	8.9	4.9	6.0	7.9	2.1	4.8	11.0
Total power output in heating mode - kW	a20/15 - w50/-	0.67	0.99	1.55	0.98	1.37	2.16	1.14	1.68	2.85
Water side head loss - kPa	a20/15 - w50/-	2.4	4.5	7.1	1.9	2.9	2.5	2.0	4.6	8.8
Total power output in heating mode - kW	a20/15 - w45/40	0.58	0.86	1.40	0.86	1.20	1.90	0.99	1.45	2.50
Water side head loss - kPa	a20/15 - w45/40	3.4	6.7	11.6	6.7	11.9	5.4	8.5	16.4	15.3
Absorbed power - W		7	11	19	8	12	23	9	13	27
Sound power Lw (A) - dB(A)		43	49	57	43	50	58	43	50	58

Power sizes		1000			1200			1400		
SLW inverter (with 2-way valve and TR command)		02467			02459			02463		
SLW inverter (with 2-way valve and AR command)		02468			02460			02464		
SLW inverter (with 3-way valve and TR command)		02465			02457			02461		
SLW inverter (with 3-way valve and AR command)		02466			02458			02462		
Fan speed		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX
Total power output in cooling mode - kW	a27/19 - w7/12	1.10	1.90	2.40	1.90	2.50	3.10	2.20	3.20	3.90
Sensitive power output in cooling mode - kW	a27/19 - w7/12	0.91	1.55	1.98	1.62	2.10	2.59	1.86	2.68	3.33
Water side head loss - kPa	a27/19 - w7/12	7.2	19.4	32.4	14.8	24.2	36.8	19.1	39.1	58.2
Total power output in heating mode - kW	a20/15 - w50/-	1.59	2.62	3.31	2.67	3.40	4.17	3.02	4.30	5.05
Water side head loss - kPa	a20/15 - w50/-	6.8	18.6	31.6	14.1	23.2	34.9	18.5	38.3	56.6
Total power output in heating mode - kW	a20/15 - w45/40	1.43	2.37	2.91	2.30	2.94	3.61	2.62	3.72	4.59
Water side head loss - kPa	a20/15 - w45/40	10.0	28.1	42.9	21.0	33.9	50.1	27.2	52.9	80.1
Absorbed power - W		8	15	22	9	14	21	11	23	38
Sound power Lw (A) - dB(A)		37	45	51	38	43	48	40	50	56

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