

BREZZA BIG

WATER
CASSETTE
90x90 mm

The new BREZZA series cassette fan coil unit for 2 and 4 pipe systems with AC/EC motors features a panel type with intake grille and diffusion frame entirely made of painted sheet metal. Thanks to the special shaping of the diffusion frame, the inlet flow of air sticks to the ceiling surface to then hit the walls homogeneously, without creating annoying air drafts (Coanda effect). The MPK-C and MPK-D versions of the intake panel have been designed and tested to ensure maximum comfort. Thanks to the adjustable baffles, each user can customize the outlet air flow.

EC MOTOR

THE EC MOTOR ALLOWS THE SPEED OF THE FAN UNIT TO BE ACCURATELY MODULATED AND LIMITS THE ENERGY INPUT TO THE ACTUAL WORKLOAD REQUIRED, WITHOUT UNNECESSARY WASTE.

COMFORT COANDA EFFECT

THE COMPACT SIZED SPECIAL FRONT PANEL, MADE OF 0.8 MM THICK PAINTED SHEET METAL AND THE SHAPING OF THE BAFFLES GUARANTEE A COANDA EFFECT FOR THE OUTLET AIR FLOW. ALTERNATIVELY, IT IS POSSIBLE TO HAVE A PANEL WITH FOUR MOVABLE BAFFLES, TO DIRECT THE AIR THROW VERTICALLY OR AT INTERMEDIATE POSITIONS.

MINIMAL DESIGN

THE STYLISH DESIGN OF THE PANEL INTEGRATES PERFECTLY INTO ANY ENVIRONMENT AND TYPE OF FALSE CEILING.

EASY INSTALLATION

THE BREZZA SERIES HAS BEEN DESIGNED TO ENSURE EASY INSTALLATION, IN FULL COMPLIANCE WITH THE APPLICABLE STANDARDS AND WORKMANLIKE PRACTICES. THE HIGH THICKNESS METAL SHEETS LIMIT VIBRATION, WHICH IS A SOURCE OF NOISE. THE UNITS ARE EQUIPPED WITH BRACKETS FOR FIXING.

EASY MAINTENANCE

ALL THE UNIT COMPONENTS ARE EASILY ACCESSIBLE.

COOLING

4.0/8.0_{kw}



HEATING

4.0/11.0_{kw}



AIR FLOW

510-1700_{m³/h}



CONSUMPTION REDUCED UP TO

52%



BREZZA BIG H

WITHOUT CONDENSATE PUMP:

- FEWER MAINTENANCE REQUIREMENTS
- MORE HYGIENE
- LOW NOISE
- AVAILABLE WITH SANITIZED FILTER (FA/SAN): REDUCED MOULD AND BACTERIA GROWTH
- HIGH EFFICIENCY FAH FILTER AVAILABLE

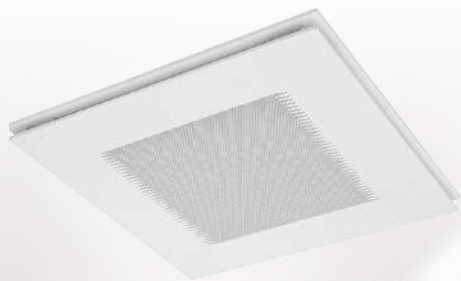
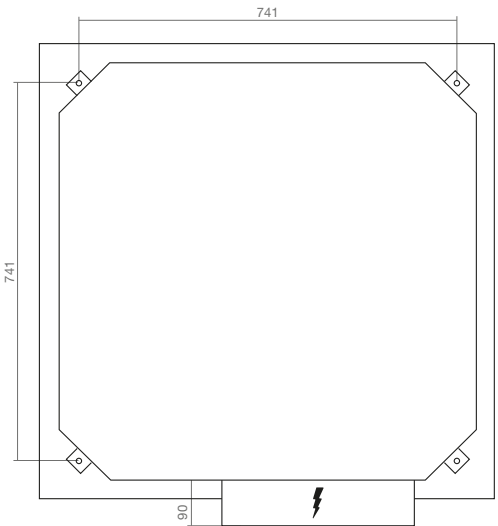
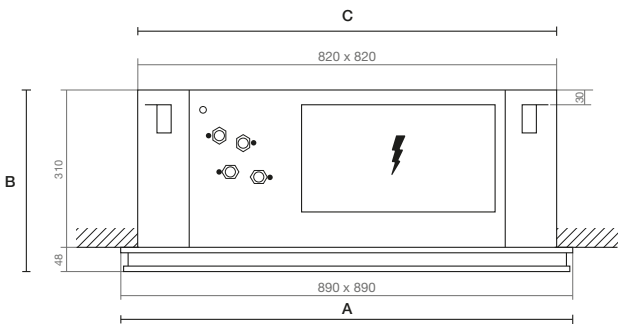
MECO

METAL COVER FOR EXPOSED INSTALLATION

DIMENSIONS

SIZE	A	B	C	WEIGHT
243	890	358	820	50
246	890	358	820	50
283	890	358	820	50
286	890	358	820	50

A = length mm
B = height mm
C = depth mm



MPK-C

PANEL WITH FIXED FINS IN HORIZONTAL POSITION (COANDA): AIR DIFFUSION OCCURS ON ALL 4 SIDES OF THE UNIT.



MPK-D

PANEL WITH MANUALLY ADJUSTABLE FINS TO ADJUST THE AIR FLOW VERTICALLY, TOO. COANDA EFFECT 3 M AT MINIMUM SPEED.

SHEET METAL PANEL

1. NO COLOUR CHANGES OVER TIME

2. IT CAN BE PAINTED THE SAME COLOUR AS THE CEILING

3. THE MPK-C AND MPK-D VERSIONS ARE EASILY INTERCHANGEABLE

4. INSTALLATION CAN BE CARRIED OUT AS LATER-STAGE RETROFITTING

5. IT OPENS FROM BELOW EASILY AND IN TOTAL SAFETY

BREZZA BIG



AC MOTOR WITH 3-ROW COIL		2 PIPES						4 PIPES					
		243			283			246			286		
SPEED(E)		min	med	max	min	med	max	min	med	max	min	med	max
Air flow	m3/h	510	940	1380	640	1175	1660	510	940	1380	640	1175	1660
COOLING - air 27°C (dry bulb) , 19°C wet bulb - water inlet 7°C, outlet 12°C													
Total capacity (E)	kW	4.21	6.95	9.32	5.09	8.26	10.70	3.51	5.57	7.27	4.20	6.50	8.17
Sensitive capacity (E)	kW	2.91	4.92	6.74	3.55	5.91	7.79	2.51	4.11	5.48	3.04	4.86	6.26
Water flow rate	l/h	724	1195	1601	875	1419	1833	604	958	1250	722	1118	1405
Δp (water) (E)	kPa	5.7	13.7	23.0	8.0	18.6	29.2	4.3	9.7	15.4	5.9	12.7	19.0
HEATING - air 20°C - water inlet 45°C, outlet 40°C													
Capacity (E)	kW	3.93	6.77	9.30	4.82	8.21	10.80	-	-	-	-	-	-
Water flow rate	l/h	680	1172	1610	834	1420	1856	-	-	-	-	-	-
Δp (water) (E)	kPa	4.2	11.0	19.2	6.0	15.4	25.0	-	-	-	-	-	-
HEATING - air 20°C - water inlet 65°C, outlet 55°C													
Capacity (E)	kW	-	-	-	-	-	-	4.29	5.92	7.45	4.55	6.85	8.33
Water flow rate	l/h	-	-	-	-	-	-	369	509	641	392	589	716
Δp (water) (E)	kPa	-	-	-	-	-	-	3.3	7.0	10.5	4.4	9.1	12.8
MOTOR ELECTRIC POWER DRAW													
Power draw (E)	W	35	77	115	38	83	121	35	77	115	38	83	121
Max power draw	A	0.70			0.70			0.70			0.70		
SOUND DATA													
Sound power (E)	dB(A)	30	43	52	36	51	58	30	43	52	36	51	58
Sound pressure (*)	dB(A)	21	34	43	27	42	49	21	34	43	27	42	49

(E) = EUROVENT certified performance
(*) = the sound pressure levels are lower than power levels by 9 dB(A) for a 100 m3 space and a reverberation time of 0.5 sec.

EC MOTOR WITH 3-ROW COIL		2 PIPES			4 PIPES		
		283			286		
SPEED(E)		1V	4V	9V	1V	4V	9V
Air flow	m3/h	630	950	1580	630	1040	1700
COOLING - air 27°C (dry bulb) , 19°C wet bulb - water inlet 7°C, outlet 12°C							
Total capacity (E)	kW	4.90	6.83	10.04	4.00	5.50	7.70
Sensitive capacity (E)	kW	3.41	4.85	7.31	2.90	4.00	5.90
Water flow rate	l/h	864	1170	1768	688	946	1324
Δp (water) (E)	kPa	7.8	13.9	27.4	5.8	9.8	18.0
HEATING - air 20°C - water inlet 45°C, outlet 40°C							
Capacity (E)	kW	4.63	6.67	10.14	-	-	-
Water flow rate	l/h	823	1183	1797	-	-	-
Δp (water) (E)	kPa	5.9	11.2	23.3	-	-	-
HEATING - air 20°C - water inlet 65°C, outlet 55°C							
Capacity (E)	kW	-	-	-	4.37	5.87	7.94
Water flow rate	l/h	-	-	-	376	504	682
Δp (water) (E)	kPa	-	-	-	4.4	7.2	12.2
MOTOR ELECTRIC POWER DRAW							
Power draw (E)	W	8	21	83	8	21	83
Max power draw	A	1.00			1.00		
SOUND DATA							
Sound power (E)	dB(A)	34	45	58	34	45	58
Sound pressure (*)	dB(A)	25	36	49	25	36	49
ENERGY CLASSIFICATION							
FCEER (E)		366 (A)			296 (A)		
FCCOP(E)		360 (A)			328 (B)		

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(*) = the sound pressure levels are lower than power levels by 9 dB(A) for a 100 m3 space and a reverberation time of 0.5 sec.

The specifications and photos given in this documentation are not binding and are subject to modification without notice.

Aertesi srl
Viale della Tecnica, 6/a
35026 Conselve (PD) ITALY

t. +39.049.9501109
f. +39.049.9500823

www.aertesi.com
info@aertesi.com



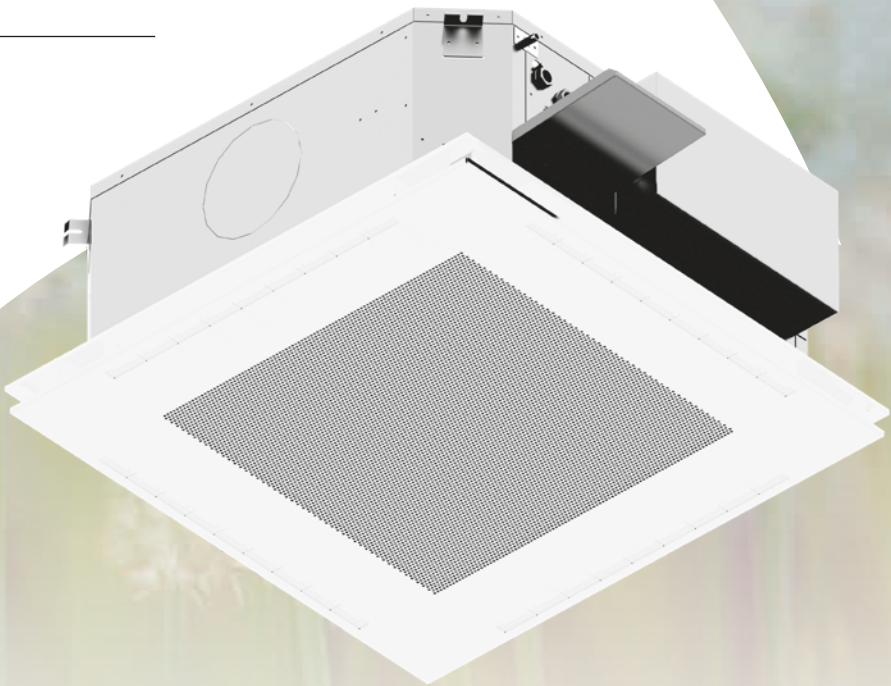
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CASSETTE



S O M E T H I N G D I F F E R E N T

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