Cassette fan coil units

Cassette with radial fan.
Cooling capacity from 1,3 to 11 kW and heating capacity from 1,6 to 14 kW.
Air flow from 310 to 1820 m3/h.

Conditioning your ambient,
maximising your comfort.

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Top Line cassette fancoils

Cassette fan coils - are a cutting edge product in terms of design, performance, silent operation, low power consumption and practicality.
The 4 smaller sizes are designed to fit into 600 x 600 mm false ceiling standard modules. the 3 bigger sizes have a dimension of 800 x 800 mm which allows the best outcome in terms of quietness and of price/performance ratio for these high capacity models.

BENEFITS

- Possibility to mix external air with air temperature;
- Very quiet operation;
- Wide range of accessories;
- Simplest installation and maintenance;
- Extremely low power consumptions;
- Innovative and prestigious design.

STANDARD FEATURES

- Rugged steel cabinet, with insulating cells closed from 10 mm, to ensure durable resistance over time;
- Air filter on all models;
- Condensate pump;
- Radial type fan;
- Generous choice of 6 alternative fan speeds (three speeds MIN, MED and MAX connected in the factory);
- Intake grid and adjustable air distribution made by ABS white RAL 9003;
- Exchanger coil with copper tubes and aluminium fins.

VERSIONS

- 7 models with one heat exchanger (2 pipe units), 11 models with two heat exchangers (4 pipe units), either with control panel or remote infra-red control.

CONTROL

- Wide selection of remote controllers, all featuring speed and temperature control, available with or without digital display, for wall-mounting installation;
- Wireless remote control for complete installation flexibility, with a wireless temperature sensor;
- Infrared microprocessor to control multiple units connected in series;
- Device for control via PC.

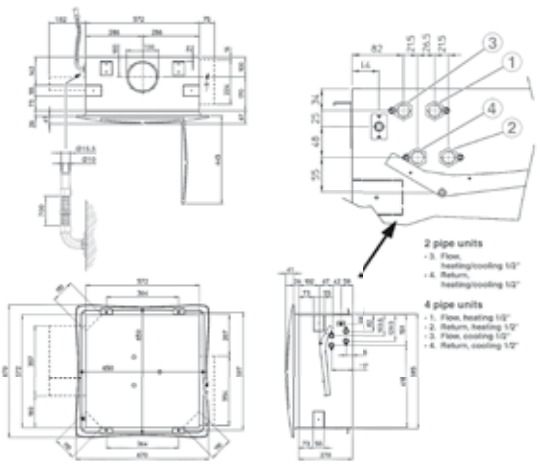
MAIN OPTIONS

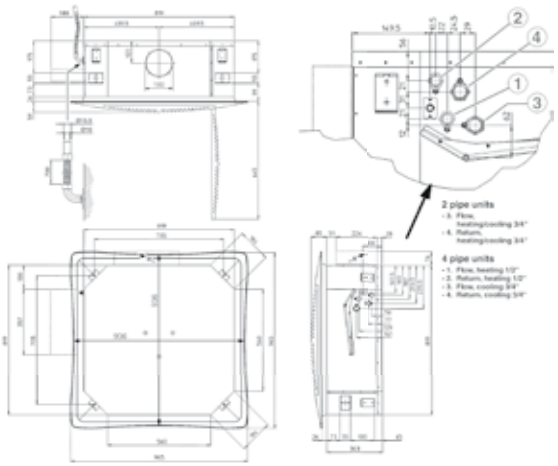
- Additional coils for 4-pipes installations;
- On/off control valves with 2 or 3 ways;
- Fresh air connection;
- Unit with remote control board;
- Eletric low energy motor consumption controlled by an inverter board



2 Pipes Cassette Models		type TI	02	12	22	32	42	52	62
Air flow	max	m³/h	610	520	710	880	1140	1500	1820
	med.	m³/h	420	420	500	610	820	970	1280
	min.	m³/h	310	310	320	430	630	710	710
Total cooling capacity	max	W	1980	2680	4330	5020	6160	9510	11100
	med.	W	1630	2340	3340	3880	4910	6780	8450
	min.	W	1270	1840	2250	2940	4210	5310	5310
Sensible cooling capacity	max	W	1640	2040	3180	3740	4590	6480	8250
	med.	W	1320	1750	2390	2810	3580	4480	6090
	min.	W	1010	1350	1570	2080	3030	3460	3710
(Cooling mode) Pressure drop	max	kPa	10,0	9,7	15,1	19,7	21,6	26,9	35,6
	med.	kPa	7,0	7,6	9,4	12,4	14,3	14,7	21,8
	min.	kPa	4,5	4,9	4,6	7,5	10,9	9,4	9,4
Heating capacity	max	W	2640	3350	5230	6170	7770	10710	14000
	med.	W	2120	2900	3930	4630	6030	7340	10300
	min.	W	1620	2220	2560	3430	5120	5610	6130
(Heating mode) Pressure drop	max	kPa	9,0	8,2	11,4	17,7	15,1	23	30,6
	med.	kPa	6,0	6,3	7,3	11,2	9,9	12,4	18,6
	min.	kPa	4,0	4,1	3,5	6,7	6,7	7,9	7,9
Sound power level	max	dB(A)	49	45	53	59	48	53	58
	med.	dB(A)	40	40	45	49	40	40	48
	min.	dB(A)	33	33	33	41	33	34	34
Sound pressure level (*)	max	dB(A)	40	36	44	50	39	44	49
	med.	dB(A)	31	31	36	40	31	31	39
	min.	dB(A)	24	24	24	32	24	25	25
Dimensions	A	mm	575	575	575	575	820	820	820
	B	mm	575	575	575	575	820	820	820
	H	mm	275	275	275	275	303	303	303

Total cooling capacity at the following conditions: water inlet-outlet temperature 7-12 °C. Air temperature 19 °C (wb) / 27 °C (db).
Heating capacity at the following conditions: water inlet temperature 50 °C. Air temperature 20 °C.
(*): sound pressure levels are 9 dB(A) lower than sound power level for a 100 m³ room with a reverberation time of 0,5 sec.





Electonic control (optional).

Digital controller allowing remote mounting on a wall (optional).

Management and controll with microprocessor and infrared controller (optional).