

FAN COIL UNITS VNT

Heating & Cooling terminals

CE EUROPEAN
WARRANTY



Material:

Galvanized and painted metal structure, complete with insulation and aluminum alloy grids.

Fixing kit:

The kits include plugs and screws for fixing, suitable for use on compact walls or hollow bricks.

Packaging:

The Fan coil is protected with a recyclable cardboard box. Instructions for use and maintenance provided with the product. Always refer to the included installation notice.

Functionality:

DC Inverter Motor, Heating and cooling operation.

Electrical specifications: Class 1.

Touch screen displays:

Heating mode, Cooling mode, Auto mode, Dehumidification mode, Fan mode, Electric valve 1 and 2, Timer Night mode, Display touchpad block, Air inlet temperature and set temperature.

Ambient operating temperature: from 5 °C to 32 °C - 60% RH.

Inlet water temperature: from 6 °C to 80 °C.

Working pressure: from 1 bar to 10 bar.

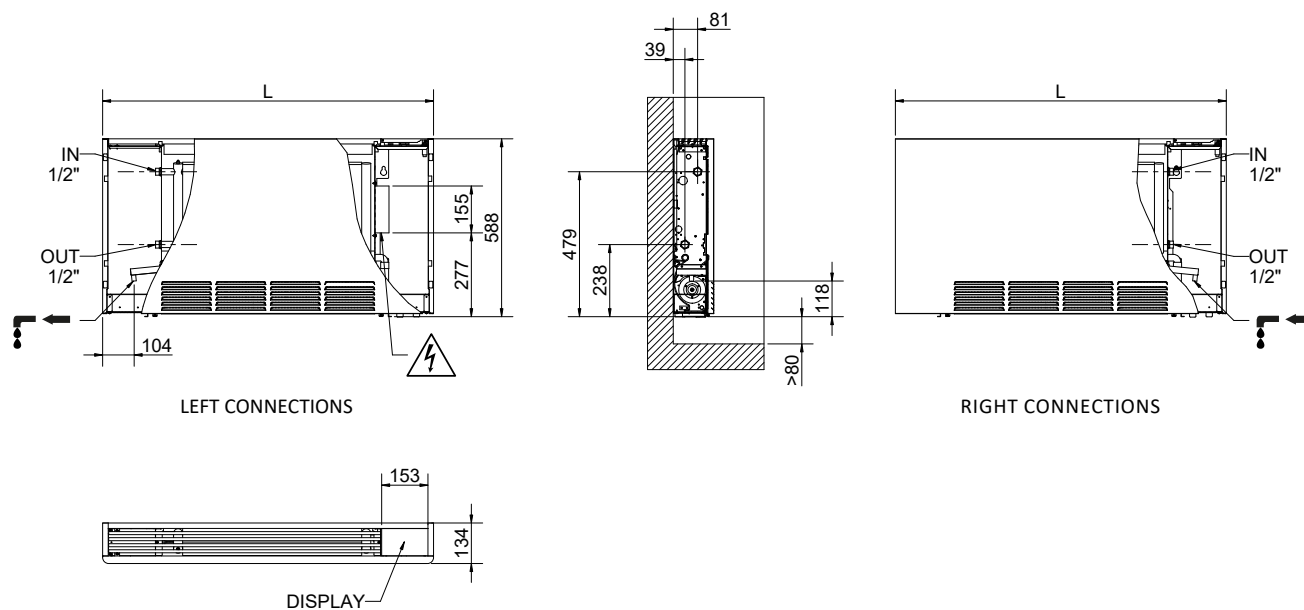
Hydraulic connections: G 1/2" M.

Available color:

Standard White.

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VNT Color WHITE

MODEL	Connection type	Art. nr.
2000	LEFT	3584776100001
	RIGHT	3584776100005
4000	LEFT	3584776100002
	RIGHT	3584776100006
6000	LEFT	3584776100003
	RIGHT	3584776100007
8000	LEFT	3584776100004
	RIGHT	3584776100008

Dimensional data

MODEL	Connection type	Width	Height	Depth	Weight
		L [mm]	H [mm]	P [mm]	[Kg]
2000	LEFT	694	558	134	16
	RIGHT				
4000	LEFT	894	558	134	22
	RIGHT				
6000	LEFT	1094	558	134	28
	RIGHT				
8000	LEFT	1294	558	134	34
	RIGHT				

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TECHNICAL FEATURES



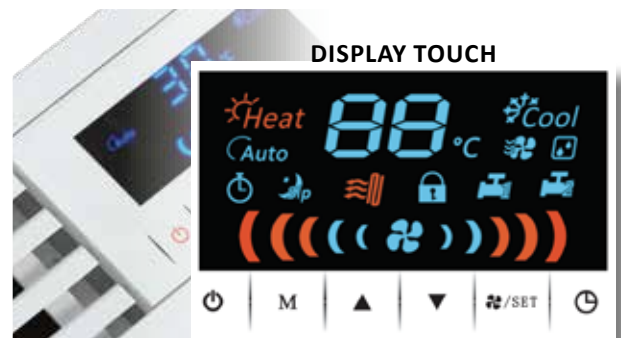
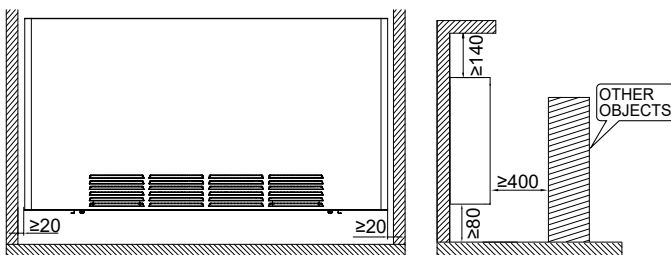
Model	VNT 2000		VNT 4000		VNT 6000		VNT 8000	
Ventilation speed	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
Air flow [m³/h]	50	160	150	320	200	460	300	580
Sound pressure [db(A)]	19,8	39	18,3	40	19,1	42	21	42,1
Power supply	230 V / 50 Hz							
Maximum power absorbed [watt]	14		23		27		33	
Operating weight [Kg]	18		24		30		34	
Dry weight [Kg]	16		22		28		32	



Total Output [watt]	574	748	1148	1496	1834	2154	2536	3120
Sensitive output[watt]	-	610	-	1250	-	1900	-	2600
Water/ambient temperature[°C]	water in/out 7/12 °C ambient temperature 27/19°C							
Flow-rate [l/h]	142		302		453		573	
Pressure loss [kPa]	7,00		9,00		22,00		28,00	



POSITIONING OF THE UNIT ON THE WALL



MAIN FUNCTIONS

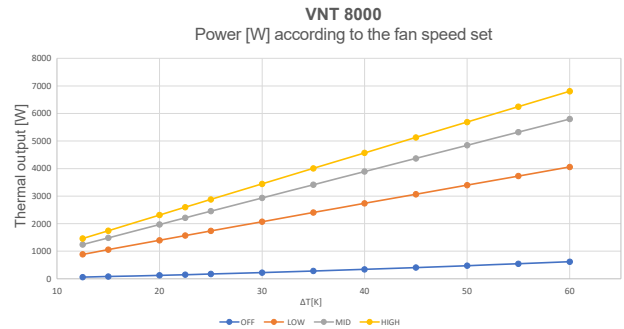
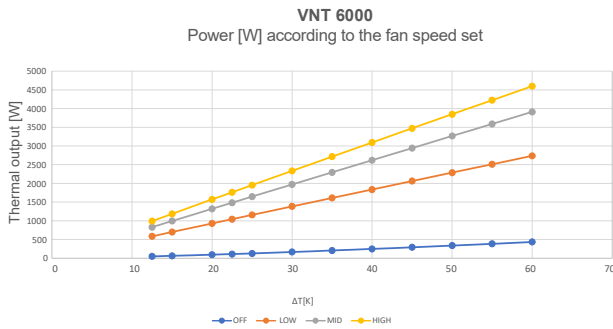
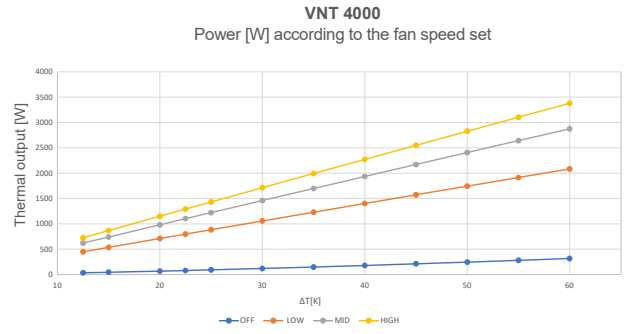
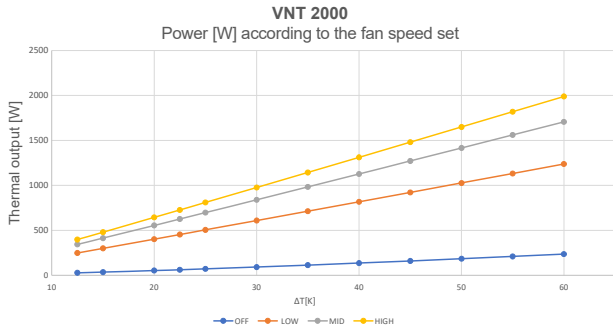
- Heating mode
- Cooling mode
- Auto mode
- Dehumidification mode
- Fan mode
- Solenoid valve 1 and 2
- Timer
- Display touchpad block
- Air inlet temperature and set temperature

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THERMAL OUTPUT [WATT]

IN HEATING MODE ASSESSED ACCORDING TO EN442



VNT 2000

ΔT	VENTILATION SPEED			
	OFF	LOW	MID	HIGH
12,5	28	249	343	398
15	36	300	413	479
20	53	402	555	644
22,5	62	454	626	727
25	72	505	697	810
30	92	609	840	977
35	113	713	983	1144
40	136	817	1127	1312
45	160	922	1272	1481
50	184	1027	1416	1650
55	210	1132	1561	1819
60	237	1238	1707	1989

VNT 4000

ΔT	VENTILATION SPEED			
	OFF	LOW	MID	HIGH
12,5	35	449	620	727
15	45	537	742	869
20	68	712	982	1152
22,5	80	799	1102	1293
25	93	885	1222	1433
30	120	1058	1460	1714
35	149	1230	1698	1993
40	180	1402	1935	2272
45	212	1573	2171	2550
50	246	1744	2407	2827
55	281	1914	2642	3104
60	318	2084	2876	3381

VNT 6000

ΔT	VENTILATION SPEED			
	OFF	LOW	MID	HIGH
12,5	50	586	830	992
15	64	701	994	1186
20	95	930	1321	1571
22,5	112	1044	1484	1763
25	129	1158	1647	1954
30	166	1385	1972	2335
35	206	1611	2296	2715
40	248	1837	2620	3094
45	292	2063	2944	3472
50	338	2288	3267	3849
55	385	2513	3589	4225
60	435	2737	3912	4600

VNT 8000

ΔT	VENTILATION SPEED			
	OFF	LOW	MID	HIGH
12,5	63	886	1242	1458
15	82	1057	1485	1744
20	125	1398	1970	2313
22,5	149	1567	2212	2597
25	173	1736	2453	2880
30	226	2071	2934	3445
35	283	2405	3413	4007
40	344	2738	3892	4569
45	408	3069	4369	5129
50	476	3400	4845	5688
55	547	3729	5321	6246
60	621	4057	5795	6803

PRESSURE DROP

