

FAN COILS

CONSOLE FAN COIL – VENICE

A Water Cooled/Heated Console Fan Coil with Centrifugal Fan for building acclimation, being residential or commercial, also available with DC Brushless motor.

- › Super Silent Functioning.
- › Galvanized Sheet Painted Frame available with V, VF, H and HF models.
- › Sound Insulation.
- › Renewable Filter and Condensate Tray with natural discharge.
- › 6 Speed Centrifugal Fans, 3 of which are connected by standard configuration.
- › Heat Exchanger with copper pipes and aluminum fins with hydrophilic surface treatment and quick condensate drainage.
- › 6 available models (V – H – VN – HN – VF – HF), with or without frame, for horizontal and vertical mounting.
- › 2 pipes and 4 pipes connection to auxiliary battery (optional on demand).
- › All models available with high static pressure fan (on demand).



* 3 years full warranty + 2 years on parts

VENICE			13	23	33	43	53	63	73	83	93	103
Cooling Capacity	(1)(*)	W	1.579	2.105	2.663	3.179	3.947	4.474	5.811	6.758	7.926	9.495
Sensible Capacity	(1)(*)	W	1.290	1.620	2.070	2.310	2.870	3.230	4.330	4.800	5.670	6.620
Heating Capacity	(2)(*)	W	1.870	2.455	2.990	3.355	4.080	4.720	6.000	6.650	7.750	9.050
Heating Capacity	(3)(*)	W	3.740	4.910	5.980	6.710	8.160	9.440	12.000	13.300	15.500	18.100
Head Loss												
Cooling	(*)	kPa	14.5	18.1	20.5	23.0	25.1	26.8	27.2	30.0	31.9	32.4
Heating	(3)(*)	kPa	15.9	19.2	20.1	20.0	20.9	23.2	22.6	22.6	23.8	22.9
Air Flow												
Medium		m³/h	370	400	500	550	670	720	1.000	1.050	1.280	1.310
Maximum		m³/h	285	308	400	440	590	634	890	935	1.139	1.166
Minimum		m³/h	226	244	305	336	462	497	650	683	870	891
Cooling	(*)	l/h	272	362	458	547	679	769	999	1.162	1.363	1.633
Heating	(3)(*)	l/h	322	422	514	577	702	812	1.032	1.144	1.333	1.557
Power Input	(*)	W	55	55	85	85	75	75	145	145	175	175
Sound Pressure	(4)	dB(A)	24/31/38	25/31/38	30/38/44	31/38/45	26/33/37	27/34/37	34/41/43	35/41/45	39/46/48	40/46/49
Power Supply												
230V/1Ph/50Hz												
Hydraulic Connections		"G	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Condensate Drainage		mm	20	20	20	20	20	20	20	20	20	20
VENICE w/ Heat Exchanger												
Heating Capacity	(2)(*)	W	940	990	1.590	1.675	2.190	2.275	3.145	3.230	3.995	4.055
Heating Capacity	(3)(*)	W	1.880	1.980	3.180	3.350	4.380	4.550	6.290	6.460	7.990	8.110
Head Loss	(3)(*)	kPa	7.3	8.0	11.7	12.9	21.3	22.9	41.1	43.3	37.7	38.8
VENICE - BRUSHLESS												
Cooling Capacity	(1)	W	1810-880	2320-1130	2830-1400	3.220-1.600	4.630-2.130	5.070-2.330	6.010-3.060	6.820-3.470	7.440-3.780	8.790-4.460
Heating Capacity	(2)	W	985-2.325	1.233-2.915	1.670-3.409	1.557-3.625	2.063-5.209	2.285-5.794	2.949-6.615	2.174-7.149	3.388-7.650	3.898-8.800
Heating Capacity	(3)	W	4680-1970	5860-2470	6840-2940	7.250-3.120	10.510-4.130	11.650-4.580	13.280-5.900	14.300-6.350	15.300-6.780	17.600-7.800
Heat Exchanger	(2)	W	1.209-510	1.211-515	1.855-800	1.865-805	2.880-1.135	2.883-1.140	3.553-1.580	3.561-1.590	4.045-1.790	4.045-1.795
Heat Exchanger	(3)	W	2440-1030	2440-1030	3730-1610	3.730-1.610	5.800-2.280	5.800-2.280	7.140-3.170	7.140-3.170	8.90-3.590	8.90-3.590
Air Flow		m³/h	537-127	537-127	625-153	625-153	1.021-215	1.021-215	1.184-306	1.184-306	1.255-323	1.255-323
Power Input	(5)	W	9	9	9	9	10	10	11	11	11	11
Sound pressure	(5)	dB(A)	23	23	26	26	22	22	24	24	25	25
Signal		Vdc	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10
Dimensions w/ frame		mm	670x520x220	670x520x220	870x520x220	870x520x220	1070x520x220	1070x520x220	1270x520x220	1270x520x220	1470x520x220	1470x520x220
Dimensions wo/frame		mm	425x450x215	425x450x215	625x450x215	625x450x215	825x450x215	825x450x215	1025x450x215	1025x450x215	1225x450x215	1225x450x215
Weight w/ frame - wo/frame		kg	15-11	15.5-11.6	18.5-14	19-15	25-20	26-21	29-23.5	30-25	34-27.5	35-29

(1) Input Air Temp. 27°C b.s./19,5°C b.u.

Water Temp. Input/output 7°C /12°C

(2) Input Air Temp. 20°C b.s.

Water Temp. Input/output 45°C /40°C

(3) Water Temp. Input/output 70°C /60°C

(4) 2 meters away from the unit with reverb time of 0,5s, at max speed

(5) Input Signal 3Vdc

(*) Max Speed

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VENICE CONSOLE FAN COIL WITH OR WITHOUT FRAME



V Model - Vertical Model with frame, air input from below

V Model – 2 Pipes	Code	
13	89302002	
23	89302004	
33	89302006	
43	89302008	
53	89302010	
63	89302012	
73	89302014	
83	89302016	
93	89302018	
103	89302020	

VF Model – 2 Pipes	Code	
13	89303502	
23	89303504	
33	89303506	
43	89303508	
53	89303510	
63	89303512	
73	89303514	
83	89303516	
93	89303518	
103	89303520	



VF- Vertical Model with frame, frontal air input



VN Model - Vertical Model without frame

VN Model – 2 Pipes	Code	
13	89303002	
23	89303004	
33	89303006	
43	89303008	
53	89303010	
63	89303012	
73	89303014	
83	89303016	
93	89303018	
103	89303020	

HN Model – 2 Pipes	Code	
13	89304002	
23	89304004	
33	89304006	
43	89304008	
53	89304010	
63	89304012	
73	89304014	
83	89304016	
93	89304018	
103	89304020	



HN Model - Horizontal Model without frame



H Model - Horizontal Model with frame, air input from the back

H Model – 2 Pipes	Code	
13	89302502	
23	89302504	
33	89302506	
43	89302508	
53	89302510	
63	89302512	
73	89302514	
83	89302516	
93	89302518	
103	89302520	

HF Model – 2 Pipes	Code	
13	89304502	
23	89304504	
33	89304506	
43	89304508	
53	89304510	
63	89304512	
73	89304514	
83	89304516	
93	89304518	
103	89302520	



HF Model - Horizontal Model with frame, air input from the front