

VCE

Centrifugal fan coil unit



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Tipo apparecchio / Type of equipment / Art des Geräts / Type d'appareil / Tipo de equipo / Тип аппарата VENTILCONVETTORE CENTRIFUGO / CENTRIFUGAL FAN COIL UNIT / ZENTRIFUGAL KLIMAKONVEKTOREN VENTILO-CONVECTEURS CENTRIFUGE / VENTILOCONVETTORE CENTRÍFUGO / ФАНКОЙЛЫ С ЦЕНТРОБЕЖНЫМИ ВЕНТИЛЯТОРАМИ			
Modello / Type designation / Modell / Modèle / Modelo / Модель VCE (serie/series/Reihe/série/serie/серия)			
Costruttore / Manufacturer / Hersteller / Fabricant / Fabricante / Изготовитель A GROUP S.p.A.			
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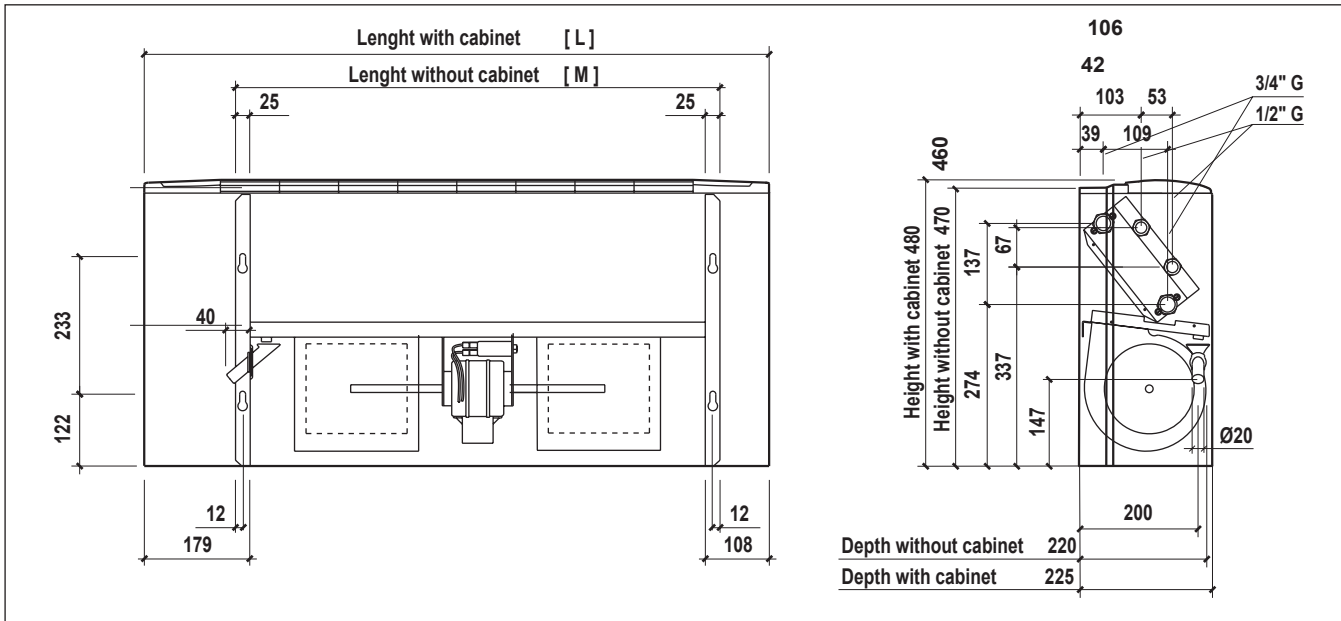
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TECHNICAL DATA

FAN COIL GENERAL DIMENSIONS FOR 2/4 PIPE SYSTEM (MOD. 10-60)



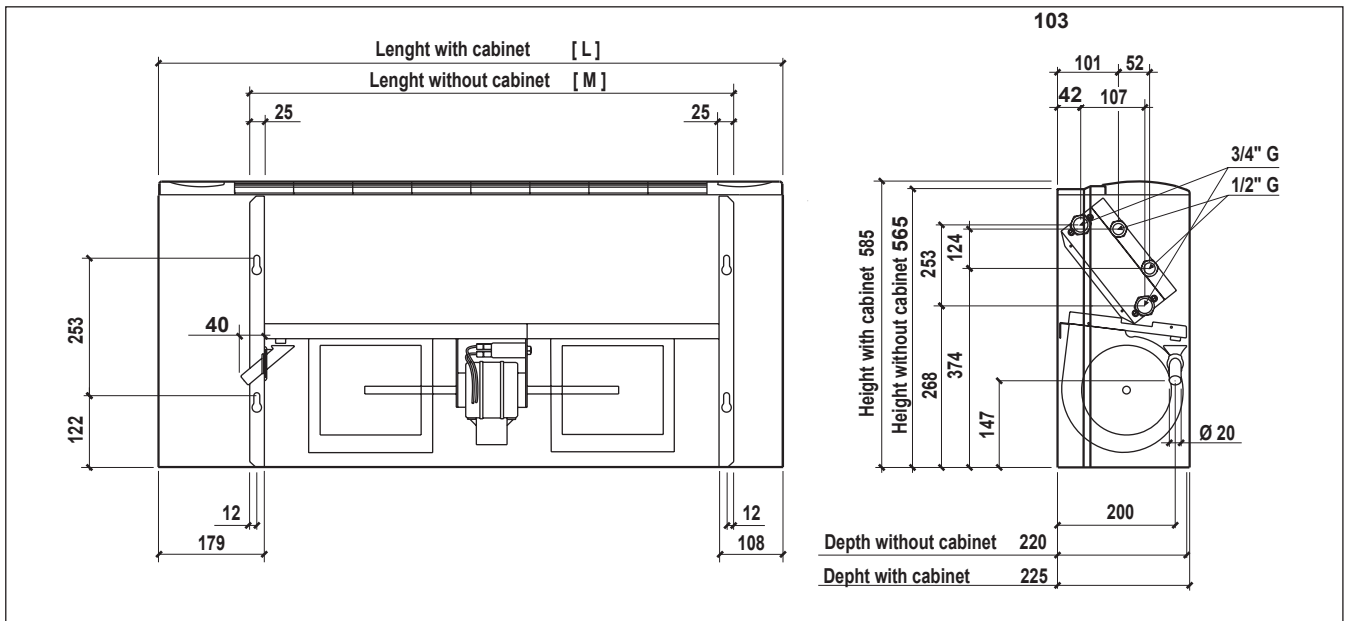
2 PIPE SYSTEM		MOD.	10	20	30	40	50	60
	Fans number	n°	1	1	2	2	2	2
	Coils number	n°	1	1	1	1	1	1
Coil used for both cooling and heating	Rows number	n°	3	3	3	3	3	3
	Frontal surface	m ²	0,058	0,098	0,138	0,138	0,178	0,178
	Fins total surface	m ²	3,278	5,538	6,635	7,798	8,558	10,059
	Water content	liters	0,59	0,93	1,27	1,27	1,61	1,61
	Hydraulic connections (Ø female Gas)	Ø	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
General features	Lenght with cabinet	L (mm)	660	860	1.060	1.060	1.260	1.260
	Lenght without cabinet	M (mm)	420	620	820	820	1.020	1.020
	Net weight	kg	14	17	22	23	27	28

4 PIPE SYSTEM		MOD.	10	20	30	40	50	60
	Fans number	n°	1	1	2	2	2	2
	Coils number	n°	2	2	2	2	2	2
Coil used for cooling	Rows number	n°	3	3	3	3	3	3
	Frontal surface	m ²	0,058	0,098	0,138	0,138	0,178	0,178
	Fins total surface	m ²	3,278	5,538	6,635	7,798	8,558	10,059
	Water content	liters	0,59	0,93	1,27	1,27	1,61	1,61
	Hydraulic connection (Ø female Gas)	Ø	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Coil used for heating	Fans number	n°	1	1	1	1	1
Frontal surface		m ²	0,056	0,096	0,136	0,136	0,176	0,176
Fins total surface		m ²	1,233	2,115	2,544	2,996	3,292	3,877
Water content		liters	0,19	0,31	0,42	0,42	0,53	0,53
Hydraulic connection (Ø female Gas)		Ø	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
General features	Lenght with cabinet	L (mm)	660	860	1.060	1.060	1.260	1.260
	Lenght without cabinet	M (mm)	420	620	820	820	1.020	1.020
	Net weight	kg	15	18	23	24	28	29

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TECHNICAL DATA

GENERAL DIMENSIONS FOR 2/4 PIPE SYSTEM (MOD. 70-90)

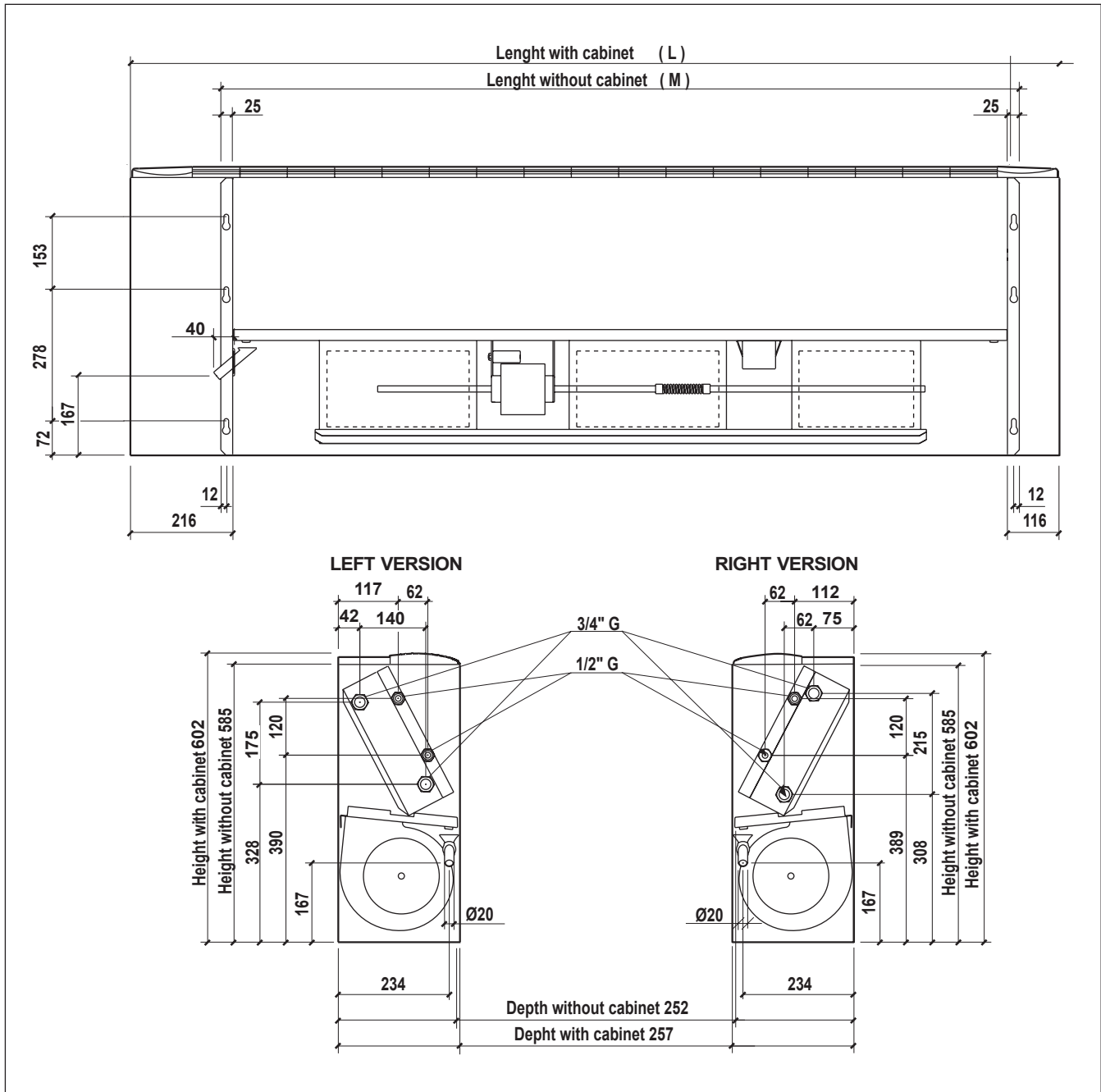


2 PIPE SYSTEM		MOD.	70	80	90
	Fans number	n°	2	2	2
	Coils number	n°	1	1	1
Coil used for both cooling and heating	Rows number	n°	3	3	3
	Frontal surface	m ²	0,267	0,327	0,327
	Fins total surface	m ²	15,088	18,479	18,479
	Water content	liters	2,42	2,93	2,93
	Hydraulic connections (Ø female Gas)	Ø	3/4"	3/4"	3/4"
	General features	Lenght with cabinet	L (mm)	1.260	1.460
	Lenght without cabinet	M (mm)	1.020	1.220	1.220
	Net weight	kg			

4 PIPE SYSTEM		MOD.	70	80	90
	Fans number	n°	2	2	2
	Coils number	n°	2	2	2
Coil used for cooling	Rows number	n°	3	3	3
	Frontal surface	m ²	0,267	0,327	0,327
	Fins total surface	m ²	15,088	18,479	18,479
	Water content	liters	2,42	2,93	2,93
	Hydraulic connection (Ø female Gas)	Ø	3/4"	3/4"	3/4"
	Coil used for heating	Fans number	n°	1	1
Frontal surface		m ²	0,176	0,216	0,216
Fins total surface		m ²	3,877	9,515	9,515
Water content		liters	0,53	1,29	1,29
Hydraulic connection (Ø female Gas)		Ø	1/2"	1/2"	1/2"
General features	Lenght with cabinet	L (mm)	1.260	1.460	1.460
	Lenght without cabinet	M (mm)	1.020	1.220	1.220
	Net weight	kg			

TECHNICAL DATA

FAN COIL GENERAL DIMENSIONS FOR 2/4 PIPE SYSTEM (MOD. 100-120)



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TECHNICAL DATA

GENERAL DIMENSIONS FOR 2/4 PIPE SYSTEM (MOD. 100-120)

2 PIPE SYSTEM		MOD.	100	110	120
	Fans number	n°	3	3	3
	Coils number	n°	1	1	1
Coil used for both cooling and heating	Rows number	n°	3	3	3
	Frontal surface	m ²	0,368	0,458	0,458
	Fins total surface	m ²	20,767	21,996	25,893
	Water content	liters	3,28	4,04	4,04
	Hydraulic connections (Ø female Gas)	Ø	3/4"	3/4"	3/4"
General features	Lenght with cabinet	L (mm)	1.660	1.960	1.960
	Lenght without cabinet	M (mm)	1.385	1.685	1.685
	Net weight	kg			

4 PIPE SYSTEM		MOD.	100	110	120
	Fans number	n°	3	3	3
	Coils number	n°	2	2	2
Coil used for cooling	Rows number	n°	3	3	3
	Frontal surface	m ²	0,368	0,458	0,458
	Fins total surface	m ²	20,767	21,996	25,853
	Water content	liters	3,28	4,04	4,04
	Hydraulic connection (Ø female Gas)	Ø	3/4"	3/4"	3/4"
Coil used for heating	Rows number	n°	1	1	1
	Frontal surface	m ²	0,368	0,458	0,458
	Fins total surface	m ²	8,095	8,558	10,077
	Water content	liters	1,09	1,35	1,35
	Hydraulic connection (Ø female Gas)	Ø	1/2"	1/2"	1/2"
General features	Lenght with cabinet	L (mm)	1.660	1.960	1.960
	Lenght without cabinet	M (mm)	1.385	1.685	1.685
	Net weight	kg			

TECHNICAL DATA

GENERAL TECHNICAL DATA

2 pipe system (3R coil)			10	20	30	40	50	60	70	80	90	100	110	120
COOLING Inlet water temp.: 7°C Outlet water temp.: 12°C Inlet air temp.: 27°C d.b. - 19°C w.b.	Total cooling capacity	(E) W 6	893	1685	2599	2769	3826	4236	4912	6034	6114	8312	-	-
		(E) W 5	830	1358	2340	2340	3418	3450	4024	5685	5905	7892	10999	11649
		(E) W 4	767	1248	2127	2127	3051	3071	3451	5466	5706	7633	9690	10150
		(E) W 3	713	1143	1864	1895	2742	3022	3030	4949	5269	7014	8694	9558
		(E) W 2	654	1058	1424	1424	2433	2460	2810	4117	4407	6383	7070	7570
		(E) W 1	617	992	1282	1292	2167	2397	2427	3019	3214	5832	6374	7154
	Sensible cooling capacity	(E) W 6	813	1335	2129	2389	2726	3416	3592	4304	4224	6362	-	-
		(E) W 5	710	1128	1890	1890	2408	2740	4005	4054	5975	8509	8839	
		(E) W 4	627	988	1617	1697	2121	2331	2611	3866	3926	5713	7390	7590
		(E) W 3	563	873	1444	1505	1882	2372	2250	3449	3569	5224	6735	7215
		(E) W 2	494	788	1104	1144	1683	1900	1950	2827	2987	4713	5390	5615
		(E) W 1	467	722	1032	1122	1467	1857	1687	2059	2139	4302	4804	5314
	Water flow	(E) l/h 6	159	299	457	487	673	743	860	1065	1087	1454	-	-
		(E) l/h 5	148	240	411	410	600	606	703	1002	1040	1380	1931	2041
		(E) l/h 4	135	219	363	372	534	538	602	963	1004	1333	1702	1781
		(E) l/h 3	125	202	326	332	479	527	531	871	925	1226	1529	1676
		(E) l/h 2	115	186	249	249	425	429	489	727	776	1117	1244	1330
		(E) l/h 1	109	173	223	224	377	417	423	534	569	1019	1119	1252
	Water pressure drop	(E) kPa 6	1,0	3,9	10,5	11,7	25,2	30,0	58,8	34,0	16,4	27,7	-	-
		(E) kPa 5	0,9	2,3	7,5	8,8	19,8	25,9	37,6	30,3	15,0	27,0	26,5	33,0
		(E) kPa 4	0,8	2,0	6,3	7,3	16,2	17,0	27,7	28,1	13,1	23,8	21,2	25,7
		(E) kPa 3	0,7	1,7	5,0	5,6	13,0	16,3	21,4	23,0	12,0	22,0	17,5	23,0
(E) kPa 2		0,6	1,4	2,7	3,2	10,8	12,9	18,4	16,5	9,0	19,0	12,1	15,0	
(E) kPa 1		0,5	1,4	2,6	3,0	8,1	10,8	16,9	8,9	5,0	14,8	10,0	13,6	
HEATING Air temp.: 20°C Inlet water temp.: 45/40°C	Heating capacity	(E) W 6	1290	2160	2700	3120	3950	4290	5040	6270	6230	9100	-	-
		(E) W 5	1090	1910	2430	2770	3500	3760	4300	5900	5880	8360	12280	12910
		(E) W 4	950	1610	2150	2510	3050	3310	3640	5660	5750	8290	10690	11100
		(E) W 3	850	1410	1940	2185	2720	2970	3170	5040	5210	7510	9510	9750
		(E) W 2	720	1250	1580	1800	2440	2610	2680	4180	4390	6810	7585	7700
		(E) W 1	680	1150	1410	1570	2130	2330	2310	3080	3180	6310	7070	6990
	Water flow	(E) l/h 6	225	377	470	544	689	747	878	1093	1085	1585	-	-
		(E) l/h 5	191	333	423	483	609	655	749	1027	1024	1456	2139	2249
		(E) l/h 4	166	280	374	437	531	576	635	987	1002	1443	1863	1935
		(E) l/h 3	148	246	339	383	474	517	552	887	908	1308	1657	1697
		(E) l/h 2	125	218	276	314	426	455	466	728	765	1187	1373	1342
		(E) l/h 1	119	201	245	274	371	405	402	536	555	1099	1231	1216
Water pressure drop	(E) kPa 6	1,4	4,9	9,1	11,8	21,6	32,4	50,2	30,4	16,2	30,6	-	-	
	(E) kPa 5	1,1	2,8	7,6	9,2	17,4	21,8	38,0	27,1	14,5	26,0	26,6	33,5	
	(E) kPa 4	0,8	2,4	6,1	8,0	13,7	15,8	28,4	25,1	14,0	24,0	20,8	25,5	
	(E) kPa 3	0,7	1,7	4,2	6,1	11,2	13,1	21,0	20,0	11,0	22,0	16,9	20,1	
	(E) kPa 2	0,5	1,4	3,0	4,3	9,3	11,3	15,6	13,9	8,1	18,0	12,1	13,0	
	(E) kPa 1	0,5	1,2	2,9	3,5	7,3	8,5	12,7	7,7	4,0	13,9	10,0	11,0	
HEATING Air temp.: 20°C Inlet water temp.: 50°C	Heating capacity	(E) W 6	1440	2510	3230	3700	4740	5150	6040	7510	7480	10820	-	-
		(E) W 5	1250	2190	2910	3270	4190	4480	5130	7060	7070	9980	14570	15330
		(E) W 4	1100	1870	2570	2950	3660	3940	4360	6780	6900	9870	12710	13220
		(E) W 3	990	1650	2330	2600	3270	3570	3800	6030	6270	8960	11320	11690
		(E) W 2	850	1470	1880	2110	2930	3120	3220	5020	5280	8130	9370	9240
		(E) W 1	810	1360	1670	1850	2560	2800	2780	3690	3830	7520	8400	8680
	Water flow	(E) l/h 6	159	299	457	487	673	743	860	1065	1087	1454	-	-
		(E) l/h 5	148	240	411	410	600	606	703	1002	1040	1380	1931	2041
		(E) l/h 4	135	219	363	372	534	538	602	963	1004	1333	1702	1781
		(E) l/h 3	125	202	326	332	479	527	531	871	925	1226	1529	1676
		(E) l/h 2	115	186	249	249	425	429	489	727	776	1117	1244	1330
		(E) l/h 1	109	173	223	224	377	417	423	534	569	1019	1119	1252
Water pressure drop	(E) kPa 6	0,8	3,2	8,5	9,5	20,2	31,5	47,2	28,7	15,9	25,6	-	-	
	(E) kPa 5	0,7	1,6	7,0	6,7	16,5	18,5	33,1	25,5	14,7	23,1	21,7	27,5	
	(E) kPa 4	0,6	1,5	5,6	5,9	13,5	13,6	25,2	23,7	13,8	20,4	17,3	21,5	
	(E) kPa 3	0,5	1,2	3,8	4,6	11,1	13,1	19,1	19,6	11,1	19,1	14,3	19,3	
	(E) kPa 2	0,4	1,0	2,4	2,8	9,0	9,9	16,5	13,7	8,1	15,8	9,9	12,5	
	(E) kPa 1	0,4	0,9	2,4	2,4	7,3	8,7	13,6	7,5	4,1	11,9	8,2	11,4	
Air flow	(E) m³/h 6	276	411	531	528	812	813	867	1231	1104	1483	-	-	
	(E) m³/h 5	227	348	459	451	682	685	708	1126	1037	1373	2308	2449	
	(E) m³/h 4	190	289	390	395	576	579	578	1064	989	1307	1912	2004	
	(E) m³/h 3	160	244	343	346	495	500	489	925	885	1106	1698	1690	
	(E) m³/h 2	136	210	271	263	420	429	413	726	705	1025	1266	1229	
	(E) m³/h 1	123	185	227	224	360	368	357	495	485	906	1095	1132	
Sound power level	(E) dB(A) 6	51	53	51	51	56	57	57	68	68	61	-	-	
	(E) dB(A) 5	46	49	47	47	51	52	52	68	68	59	69	69	
	(E) dB(A) 4	43	45	44	44	47	47	46	66	66	58	66	66	
	(E) dB(A) 3	37	41	41	40	43	42	42	64	64	56	63	63	
	(E) dB(A) 2	35	39	34	33	39	38	38	59	59	54	58	58	
	(E) dB(A) 1	32	32	30	30	37	34	35	52	52	52	55	55	
Sound pressure level	(E) dB(A) 6	42	44	42	42	47	48	48	59	59	52	-	-	
	(E) dB(A) 5	37	40	38	38	42	43	43	59	59	50	60	60	
	(E) dB(A) 4	32	36	35	35	38	38	37	57	57	49	57	57	
	(E) dB(A) 3	28	32	32	31	34	33	33	55	55	47	54	54	
	(E) dB(A) 2	24	30	25	24	30	29	29	50	50	45	49	49	
	(E) dB(A) 1	23	23	21	21	28	25	26	43	43	43	46	46	

- Standard unit with free outlet; external static pressure = 0 Pa
 - The sound power level test has to be performed according to EN 16583:2015 standard
 - Sound pressure level: 8,6 dB(A) lower that the sound power level for a room of 90 m³ with a reverberation time of 0,5 sec.
 - Supported power supply: ~230V / 1ph / 50-60Hz

wired speed

(E) = Eurovent

TECHNICAL DATA

GENERAL TECHNICAL DATA

4 pipe system (3R+1 coil)			10	20	30	40	50	60	70	80	90	100	110	120		
COOLING Inlet water temp.: 7°C Outlet water temp.: 12°C Inlet air temp.: 27°C d.b. - 19°C w.b.	Total cooling capacity	(E)	W 6	873	1565	2499	2619	3646	4046	5092	5654	5724	8002	-	-	
			W 5	810	1308	2250	2330	3258	3610	4390	5365	5545	7552	10019	11150	
			W 4	747	1198	2037	2107	2691	3201	3770	5176	5366	7303	8830	9760	
			W 3	693	1103	1810	1865	2432	2882	3300	4709	4969	6744	8475	9348	
			W 2	634	1018	1354	1414	2353	2570	2870	4360	4187	6180	6910	7620	
			W 1	607	952	1242	1232	1927	2277	2457	3770	3069	5642	6174	6954	
	Sensible cooling capacity	(E)	W 6	763	1445	2019	2109	3136	3216	3792	4284	4434	6032	-	-	
			W 5	680	1238	1820	1880	2768	2830	3255	4085	4345	5732	7749	8399	
			W 4	607	1088	1557	1677	2155	2481	2765	3906	4156	5463	6730	7280	
			W 3	533	963	1394	1485	1912	2232	2390	3960	3849	5054	6565	7028	
			W 2	475	868	1060	1130	1913	1960	2070	3630	3177	4575	5270	5620	
			W 1	447	792	1012	1002	1497	1717	1767	3150	2309	4162	4654	5084	
	Water flow	(E)	l/h 6	156	277	440	460	642	711	891	998	1020	1401	-	-	
			l/h 5	145	232	395	407	572	634	771	948	975	1327	1762	1950	
			l/h 4	133	211	357	368	473	559	656	913	945	1277	1554	1715	
			l/h 3	122	194	316	326	425	503	575	831	875	1180	1492	1641	
			l/h 2	111	179	239	248	411	447	500	696	737	1083	1217	1334	
			l/h 1	106	166	217	215	336	397	428	510	542	988	1085	1219	
	Water pressure drop	(E)	kPa 6	0,9	3,4	9,9	10,6	23,2	27,8	62,6	13,0	13,5	25,9	-	-	
			kPa 5	0,8	2,4	6,8	8,2	13,1	20,0	50,3	12,3	12,4	25,0	20,9	25,0	
			kPa 4	0,7	2,1	5,7	7,2	11,0	16,0	36,5	11,1	11,8	22,0	16,8	20,0	
			kPa 3	0,5	1,7	4,6	5,6	8,8	13,4	29,9	9,4	10,3	20,3	17,9	20,5	
			kPa 2	0,4	1,5	2,5	3,4	7,6	11,0	23,3	7,1	16,9	17,4	10,9	14,3	
			kPa 1	0,5	1,4	2,8	2,8	7,4	9,9	17,2	4,0	4,4	14,0	10,1	12,1	
HEATING Temp. aria - Air temp.: 20°C Temp. acqua ingresso - Inlet water temp.: 65/65°C	Heating capacity	(E)	W 6	1230	2040	2810	2810	3730	4030	5040	5950	6230	7770	-	-	
			W 5	1100	1870	2600	2550	3400	3660	4460	5660	5960	7440	10010	11310	
			W 4	970	1670	2410	2340	3080	3310	3800	5480	5690	7240	8920	10070	
			W 3	870	1470	2160	2060	2760	3060	3290	5030	5320	6790	8080	9110	
			W 2	750	1320	1740	1650	2450	2790	2790	4340	4190	6340	6850	7720	
			W 1	700	1200	1560	1440	2160	2540	2500	3420	3440	5900	6270	7410	
	Water flow	(E)	l/h 6	108	179	246	246	327	353	442	522	546	681	-	-	
			l/h 5	97	164	228	224	298	322	392	497	523	653	878	992	
			l/h 4	85	146	212	205	271	291	333	480	499	635	782	883	
			l/h 3	76	129	190	181	242	268	290	441	466	596	709	799	
			l/h 2	66	116	153	145	215	245	245	382	368	558	600	677	
			l/h 1	61	105	137	126	190	223	219	300	302	517	550	650	
	Water pressure drop	(E)	kPa 6	2,5	8,3	18,6	18,5	37,0	42,5	63,1	21,7	23,5	42,9	-	-	
			kPa 5	2,1	7,1	13,0	13,5	27,2	29,2	51,8	19,9	21,8	39,7	40,9	47,1	
			kPa 4	1,7	5,8	11,5	11,6	23,1	24,1	37,4	18,8	20,1	37,8	33,0	37,9	
			kPa 3	1,1	4,7	9,6	9,4	18,2	21,3	28,0	16,2	17,8	33,8	27,5	31,5	
			kPa 2	0,9	3,9	6,1	6,4	17,7	18,3	23,9	12,5	11,7	30,0	20,2	23,2	
			kPa 1	0,9	3,3	5,1	5,7	11,6	15,6	13,6	8,2	8,3	23,7	17,1	21,5	
	HEATING Temp. aria - Air temp.: 20°C Temp. acqua ingresso - Inlet water temp.: 70/60°C	Heating capacity	(E)	W 6	1410	2310	3170	3170	4210	4550	5680	6700	7010	8770	-	-
				W 5	1260	2120	2930	2880	3840	4140	5040	6390	6730	8400	11340	12810
				W 4	1110	1890	2730	2650	3490	3750	4290	6180	6420	8180	10080	11380
				W 3	990	1670	2450	2330	3120	3450	3710	5680	5990	7670	9130	10290
				W 2	860	1500	1970	1860	2760	3150	3150	4910	4730	7160	7730	8720
				W 1	790	1360	1750	1630	2450	2870	2810	3850	3880	6660	7080	8370
Water flow		(E)	l/h 6	124	203	279	278	370	400	499	589	616	771	-	-	
			l/h 5	111	186	258	253	337	364	442	561	591	738	996	1125	
			l/h 4	98	166	240	232	306	329	377	543	564	718	886	1000	
			l/h 3	87	147	215	205	274	303	326	499	527	674	802	904	
			l/h 2	75	132	173	164	243	276	277	431	415	629	679	766	
			l/h 1	70	119	154	143	215	252	247	339	341	585	622	736	
Water pressure drop		(E)	kPa 6	3,1	10,2	22,6	22,5	45,1	51,7	74,6	26,3	28,6	52,5	-	-	
			kPa 5	2,6	8,8	15,7	16,3	32,9	35,1	61,4	24,2	26,6	48,6	51,3	58,8	
			kPa 4	2,1	7,2	13,8	14,1	27,9	28,9	44,3	22,9	24,4	46,3	41,2	47,2	
			kPa 3	1,4	5,8	11,5	11,3	21,9	25,7	32,8	19,7	21,7	41,4	34,2	39,2	
			kPa 2	1,1	4,8	7,4	7,7	21,5	22,0	28,4	15,2	14,2	36,6	25,1	28,8	
			kPa 1	1,1	4,0	6,1	7,0	14,0	18,8	15,7	10,0	10,1	28,9	21,3	26,7	
Air flow		(E)	m³/h 6	261	388	505	502	769	770	822	1132	1029	1402	-	-	
			m³/h 5	216	331	437	429	647	650	672	1051	967	1297	2307	2294	
			m³/h 4	180	274	383	377	545	548	549	998	927	1230	1911	1902	
			m³/h 3	152	231	333	326	469	474	463	876	837	1102	1633	1628	
			m³/h 2	128	199	256	249	399	407	394	693	673	978	1224	1230	
			m³/h 1	117	175	217	214	343	350	338	475	466	870	1050	1088	
Sound power level	(E)	dB(A) 6	50	56	50	53	56	57	58	68	68	61	-	-		
		dB(A) 5	47	52	47	47	51	53	53	68	68	59	69	69		
		dB(A) 4	43	47	44	45	46	48	47	66	66	58	66	66		
		dB(A) 3	36	43	40	41	42	44	43	64	64	56	63	63		
		dB(A) 2	37	39	34	35	38	41	39	59	59	54	58	58		
		dB(A) 1	31	34	30	30	35	38	35	52	52	52	55	55		
Sound pressure level	(E)	dB(A) 6	41	47	41	44	47	48	49	59	59	52	-	-		
		dB(A) 5	36	43	38	38	42	44	44	59	59	50	60	60		
		dB(A) 4	31	38	35	36	37	39	38	57	57	49	57	57		
		dB(A) 3	27	34	31	32	33	35	34	55	55	47	54	54		
		dB(A) 2	25	30	25	26	29	32	30	50	50	45	49	49		
		dB(A) 1	22	25	21	21	26	29	26	43	43	43	46	46		

- Standard unit with free outlet; external static pressure = 0 Pa
 - The sound power level test has to be performed according to EN 16583:2015 standard
 - Sound pressure level: 8,6 dB(A) lower than the sound power level for a room of 90 m³ with a reverberation time of 0,5 sec.
 - Supported power supply: ~230V / 1ph / 50-60Hz

TECHNICAL DATA

STANDARD MOTOR			10	20	30	40	50	60	70	80	90	100	110	120
Power input	(E)	W 6	37	55	61	61	94	94	98	166	166	158	-	-
		W 5	30	42	50	50	72	80	76	155	155	148	251	251
		W 4	23	32	43	43	59	59	59	144	144	137	230	230
		W 3	17	27	36	35	48	48	50	131	131	126	215	212
		W 2	16	22	26	26	37	40	40	113	113	117	180	180
		W 1	13	18	18	18	33	33	33	91	91	108	146	146
Absorbed current	(E)	A 6	0,17	0,25	0,26	0,26	0,40	0,40	0,43	0,79	0,79	0,72	-	-
		A 5	0,13	0,19	0,22	0,22	0,31	0,31	0,33	0,72	0,72	0,67	1,13	1,13
		A 4	0,10	0,14	0,18	0,18	0,24	0,24	0,26	0,66	0,66	0,62	1,04	1,04
		A 3	0,08	0,12	0,15	0,15	0,20	0,20	0,21	0,60	0,60	0,58	0,99	0,99
		A 2	0,07	0,10	0,11	0,11	0,16	0,16	0,17	0,51	0,51	0,54	0,85	0,85
		A 1	0,06	0,09	0,08	0,08	0,14	0,14	0,15	0,41	0,41	0,50	0,72	0,72
Power input		~230V / 1ph / 50-60Hz												

EC MOTOR			20	40	60	90	100	120
Power input	(E)	W 6	27	29	53	84	100	-
		W 5	19	21	34	72	82	248
		W 4	14	16	23	64	72	207
		W 3	11	12	17	49	49	124
		W 2	9	8	13	29	42	51
		W 1	7	6	10	15	33	44
Power input		~230V / 1ph / 50-60Hz						

wired speed

(E) = Eurovent

TECHNICAL DATA

WORK LIMITS

Max inlet water temperature	80 °C	Max input air temperature	32 °C
Min. inlet water temperature	+ 4 °C	Min. input air temperature	+ 4 °C
Max working pressure	8 bar		

Water flow and pressure drop limits, 3R coil

Data concern medium water temperature of 9,5°C		MODEL											
		10	20	30	40	50	60	70	80	90	100	110	120
Min. water flow	l/h	125	100	100	100	100	100	75	125	125	200	275	275
Min. water pressure drops	kPa	0,6	0,4	0,5	0,5	0,6	0,6	0,5	0,5	0,5	0,6	0,5	0,6
Max water flow	l/h	1.275	1.200	1.125	1.150	1.025	1.000	850	1.400	1.400	2.075	2.900	2.850
Max water pressure drops	kPa	58,6	59,5	59,6	61,2	59,2	59,0	62,0	59,1	60,1	60,6	60,6	60,4

Water flow and pressure drop limits, 1R coil

Data concern medium water temperature of 65°C		MODEL											
		10	20	30	40	50	60	70	80	90	100	110	120
Min. water flow	l/h	150	150	125	125	125	125	125	100	100	125	125	125
Min. water pressure drops	kPa	0,6	0,6	0,5	0,5	0,6	0,5	0,6	0,6	0,5	0,5	0,5	0,5
Max water flow	l/h	1.550	1.500	1.400	1.375	1.275	1.350	1.225	1.100	1.100	1.375	1.325	1.325
Max water pressure drops	kPa	60,7	59,3	60,3	61,0	61,0	60,4	59,5	59,0	60,1	59,6	59,7	58,8

3 way valves

Using of 2 or 3 way valves is compulsory when the unit is used for cooling to avoid condensate in the external structure (bearing structure and cabinet). As alternative install a regulating system to stop coil water entering when the fan is off.

Max fan static pressure

When the unit is connected with ducts fan air flow is reduced due to the ducting pressure drops.

With very high pressure drops fancoil air flow becomes too low and electric motor which is connected to the fan can be damaged. For this reason we recomand static pressures lower than the maximal limit static pressures indicated in the schedule.

NOTE: when the fancoil is operating with the maximal operating indicated static pressure value, air flow is half in comparison with the unit without ducts at the same working speed.

Definitively the static pressure limit value corresponds to the back pressure ables to halve fancoil air flow (as a consequence the fancoil unit performances like heating & cooling capacity, will be reduced of about 50%).

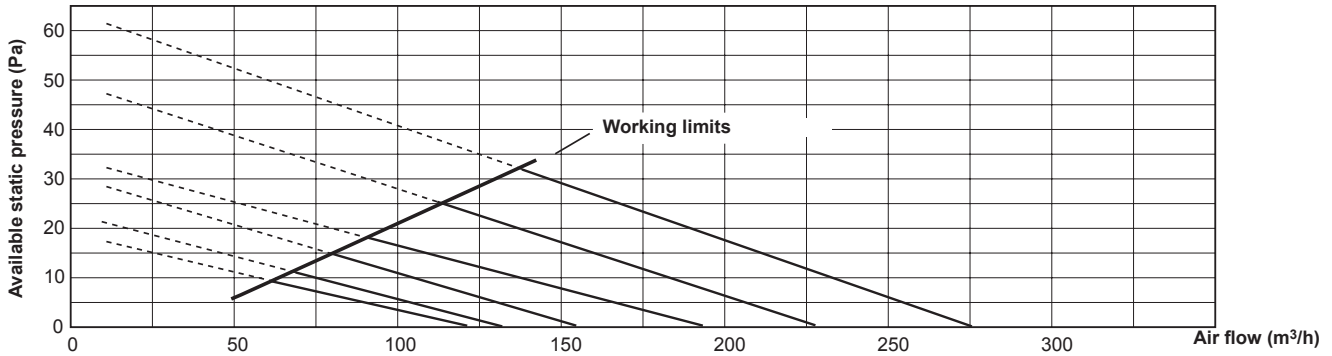
			MODEL											
			10	20	30	40	50	60	70	80	90	100	110	120
2 pipe system	Pa	1	9	12	7	9	19 min	12	15	41 min	33 min	44	37	47
	Pa	2	11 min	15 min	10 min	11 min	22	16 min	19	51 med	41	49 min	47 min	58 min
	Pa	3	15	19 med	15 med	17 med	28 med	22	26 min	55 max	45 med	62 med	68 med	74
	Pa	4	18 med	25 max	19 max	22	32 max	28 med	34 med	60	49	68	76	80 med
	Pa	5	25 max	32	25	27 max	40	36 max	44 max	65	53 max	75 max	84 max	84 max
	Pa	6	32	40	32	37	49	45	54	70	60	84		
4 pipe system	Pa	1	8	10	6	8	14 min	10	11	30 min	27 min	43	37	47
	Pa	2	9 min	12 min	8 min	9 min	17	13 min	15	38 med	33	48 min	47 min	58 min
	Pa	3	11	15 med	13 med	14 med	21 med	18	20 min	42 max	37 med	61 med	67 med	73
	Pa	4	15 med	19 max	15 max	17	25 max	22 med	28 med	50	40	67	75	79 med
	Pa	5	19 max	25	19	22 max	32	28 max	36 max	55	44 max	74 max	83 max	82 max
	Pa	6	25	32	24	30	38	35	44	60	51	82		

Data indicated as min, med, max, concern the 3 standard speeds set at the factory. upon customer request other 3 speeds among the 6 speeds available can be connected.

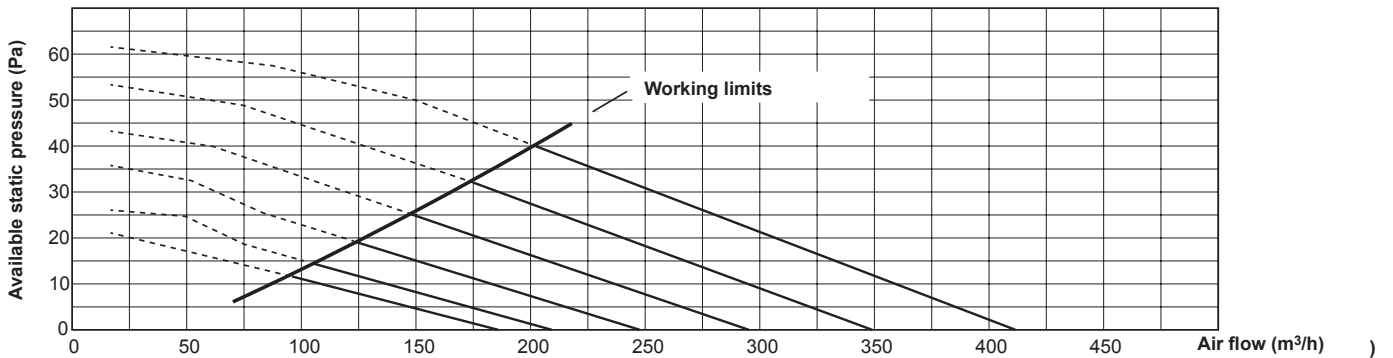
TECHNICAL DATA

AEREAULIC PERFORMANCES (2 PIPE SYSTEM)

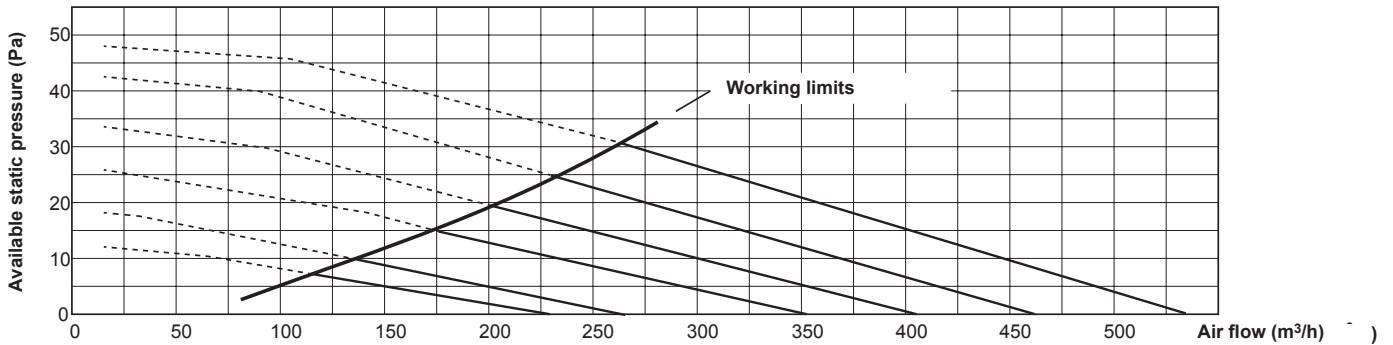
VCE 10 - 2 PIPE SYSTEM (3 row coil data)



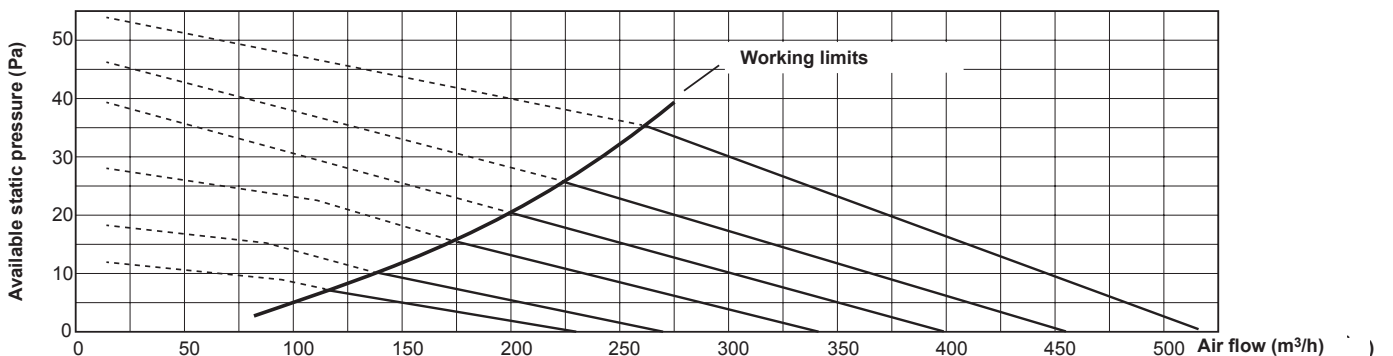
VCE 20 - 2 PIPE SYSTEM (3 row coil data)



VCE 30 - 2 PIPE SYSTEM (3 row coil data)



VCE 40 - 2 PIPE SYSTEM (3 row coil data)

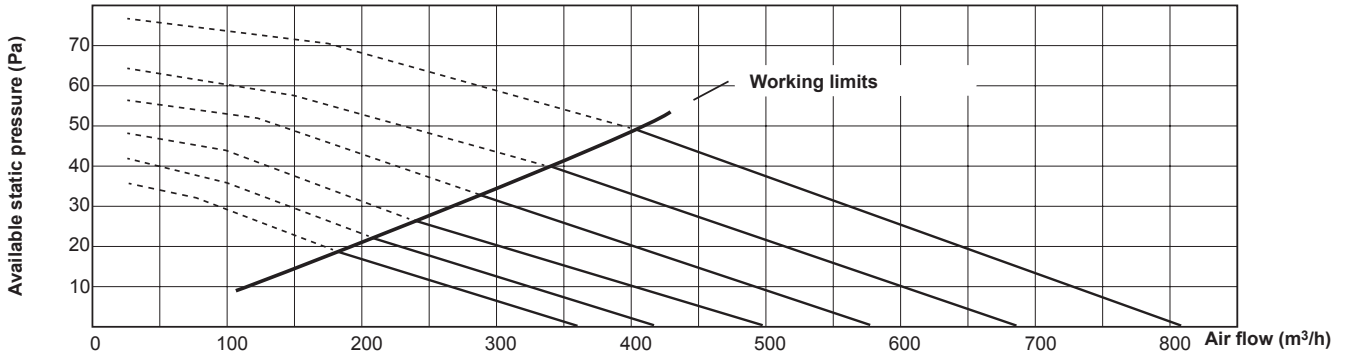


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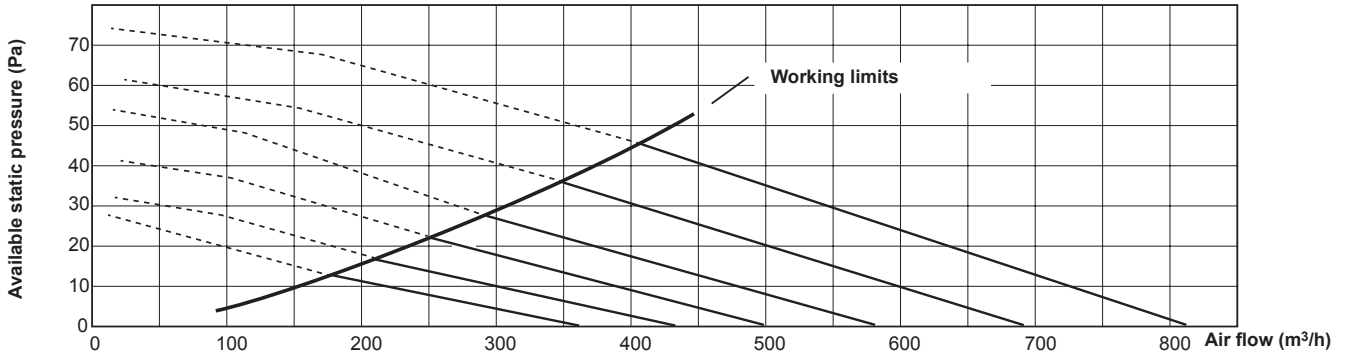
TECHNICAL DATA

AEREAULIC PERFORMANCES (2 PIPE SYSTEM)

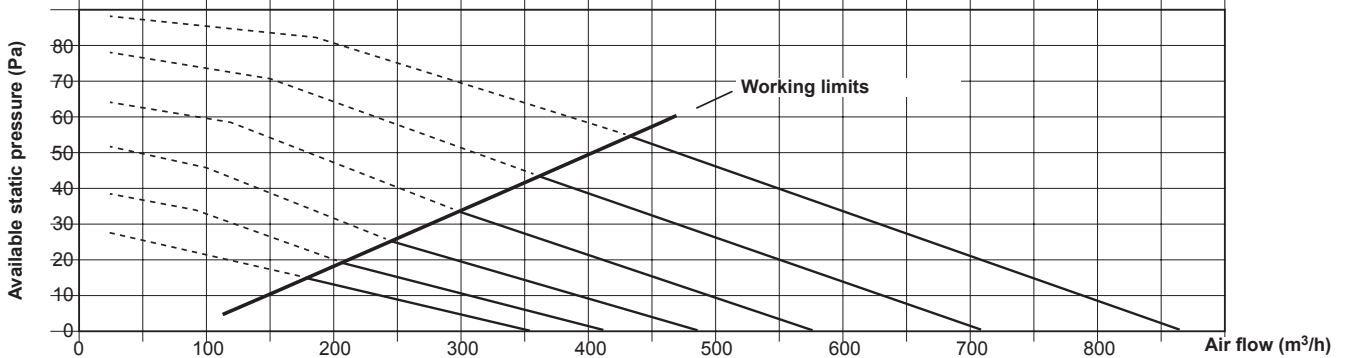
VCE 50 - 2 PIPE SYSTEM (3 row coil data)



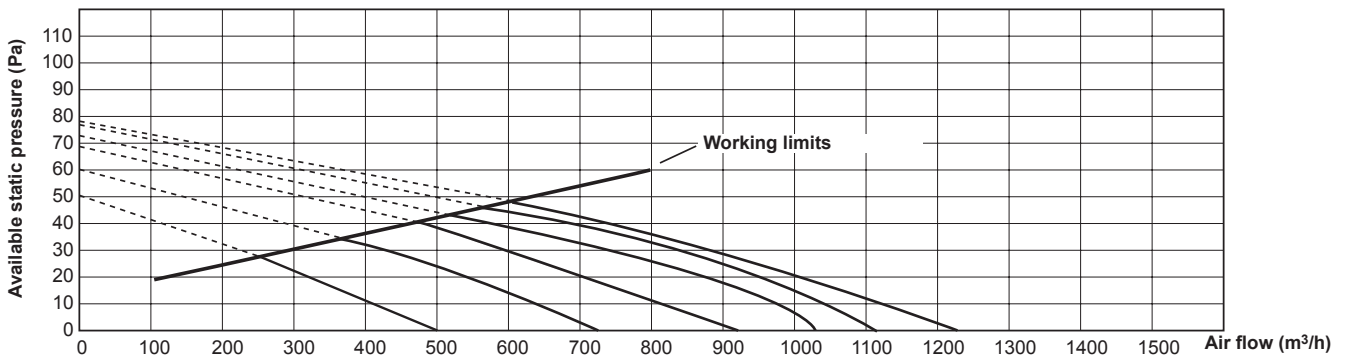
VCE 60 - 2 PIPE SYSTEM (3 row coil data)



VCE 70 - 2 PIPE SYSTEM (3 row coil data)



VCE 80 - 2 PIPE SYSTEM (3 row coil data)

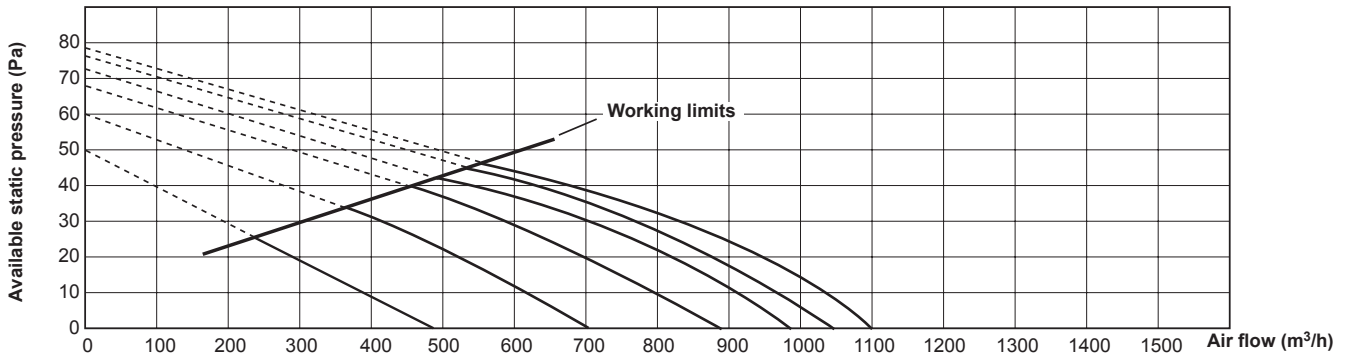


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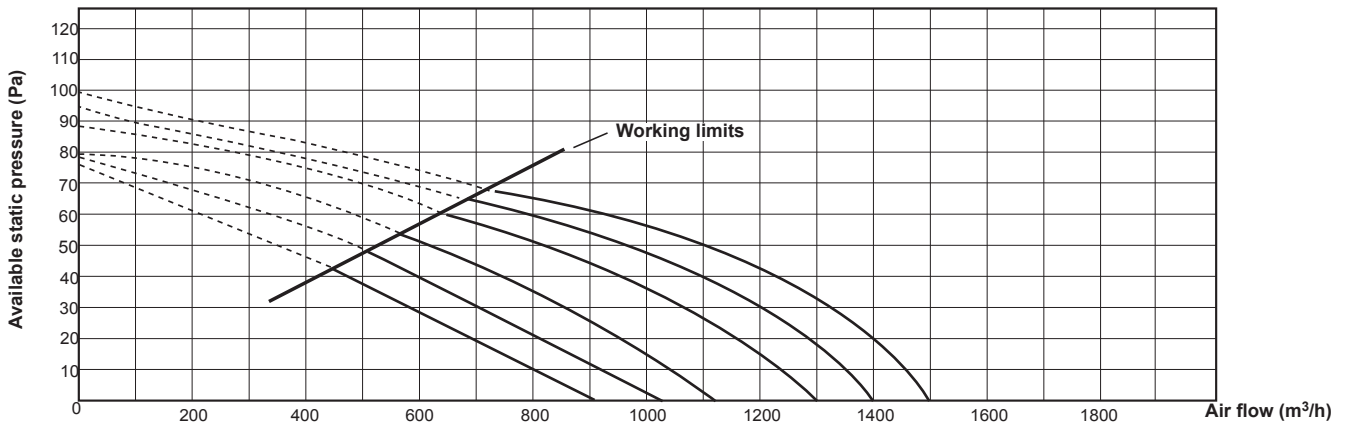
TECHNICAL DATA

AEREAULIC PERFORMANCES (2 PIPE SYSTEM)

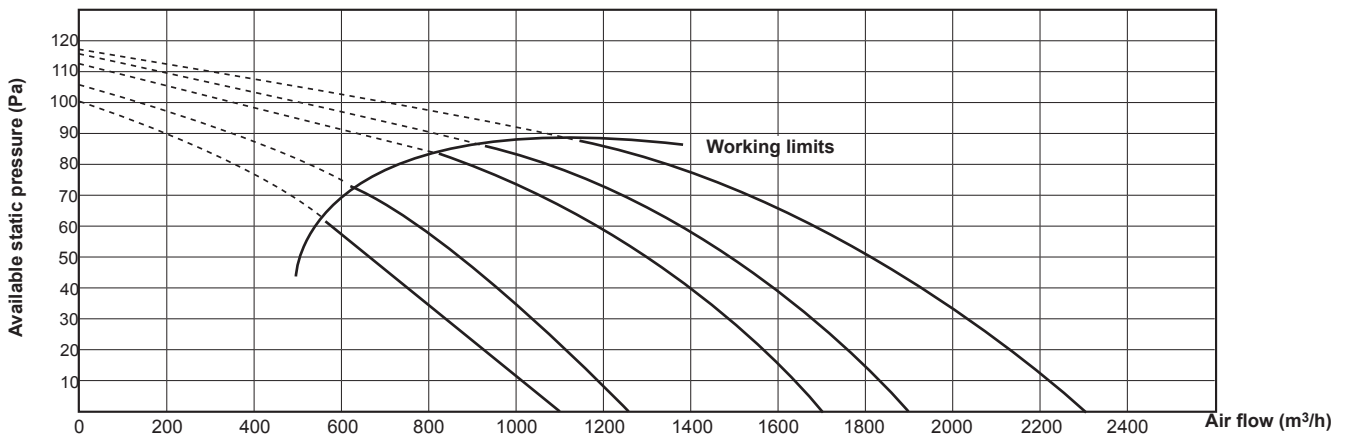
VCE 90 - 2 PIPE SYSTEM (3 row coil data)



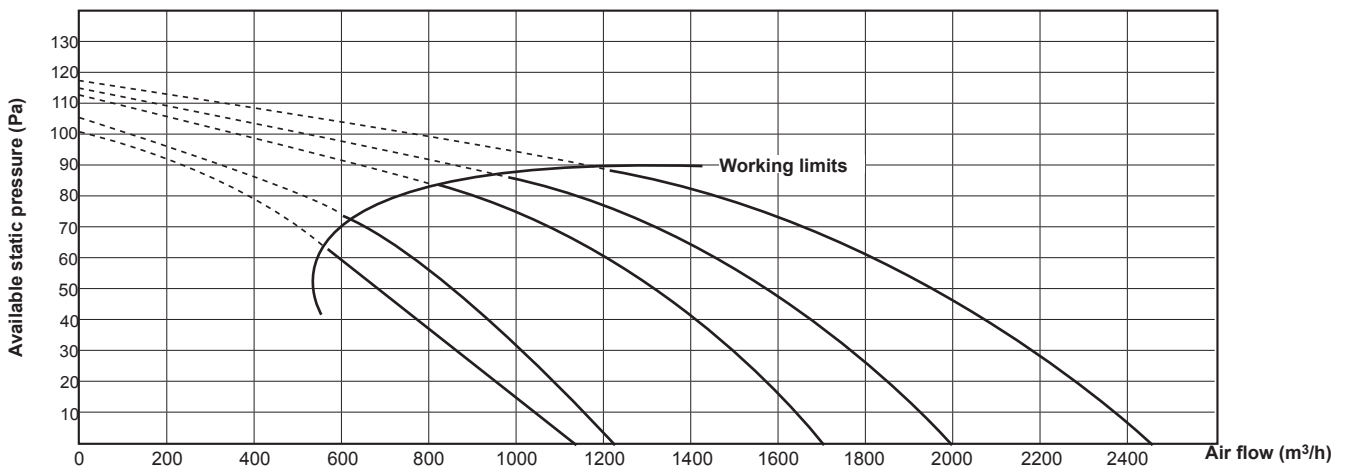
VCE 100 - 2 PIPE SYSTEM (3 row coil data)



VCE 110 - 2 PIPE SYSTEM (3 row coil data)



VCE 120 - 2 PIPE SYSTEM (3 row coil data)

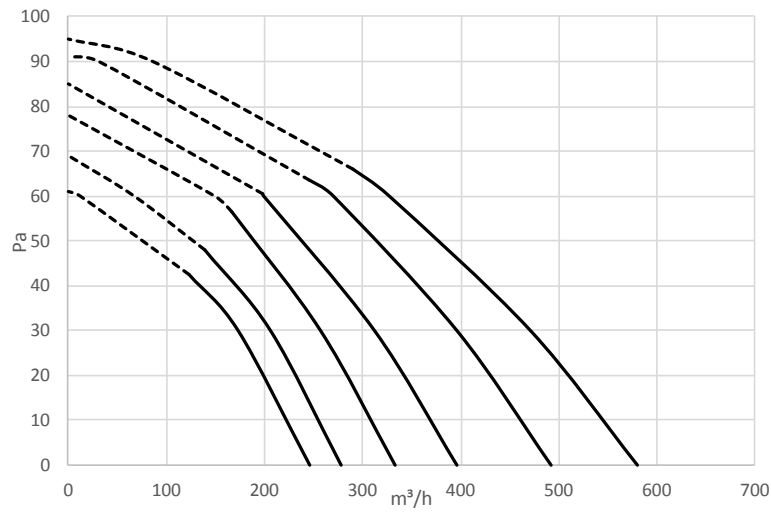


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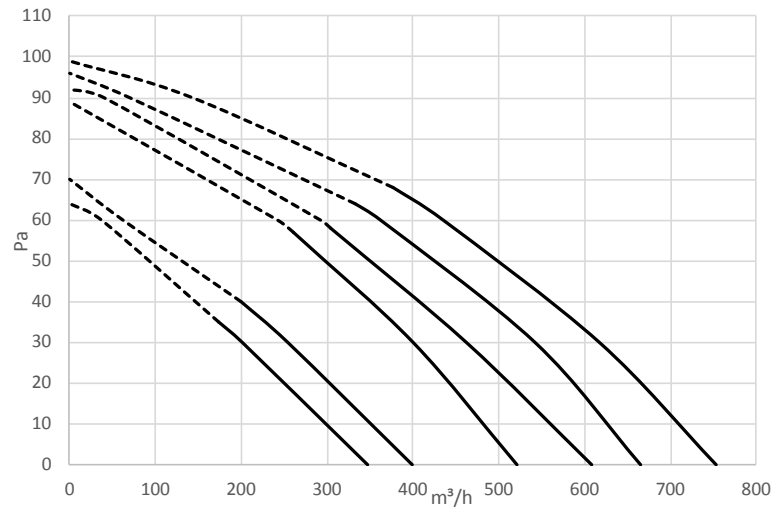
TECHNICAL DATA

AEREAULIC PERFORMANCES (2 PIPE SYSTEM - HIGH PRESSURE MOTOR)

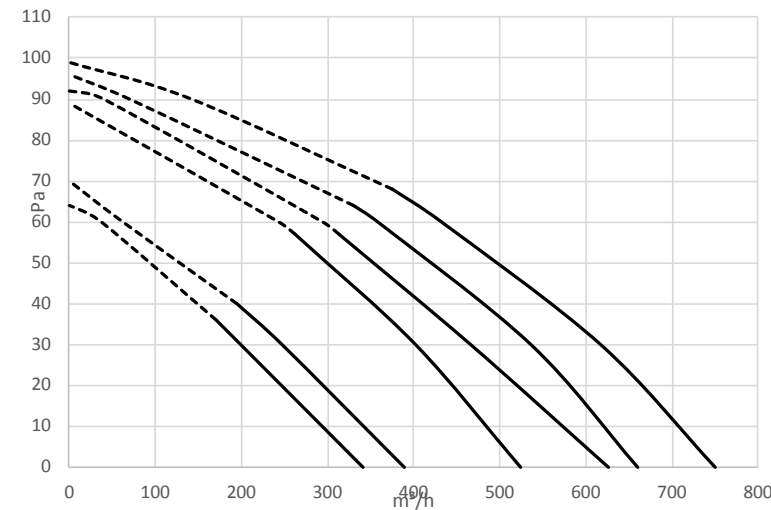
VCE 20 - 2 PIPE SYSTEM (3 row coil data)



VCE 30 - 2 PIPE SYSTEM (3 row coil data)



VCE 40 - 2 PIPE SYSTEM (3 row coil data)

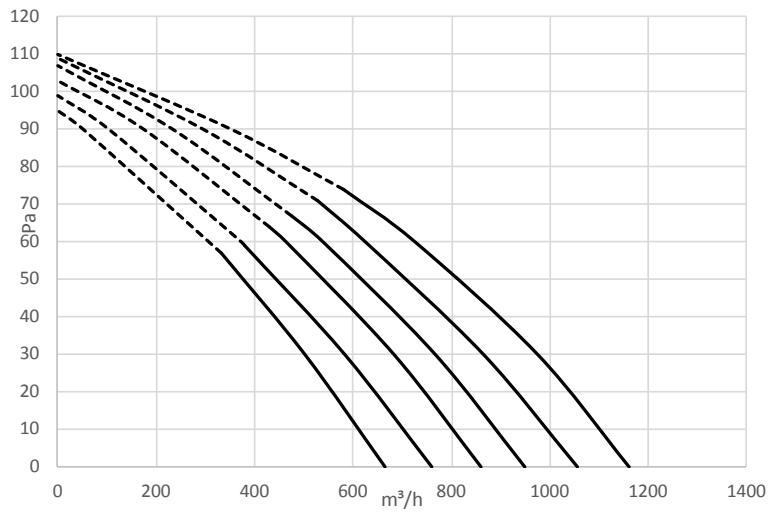


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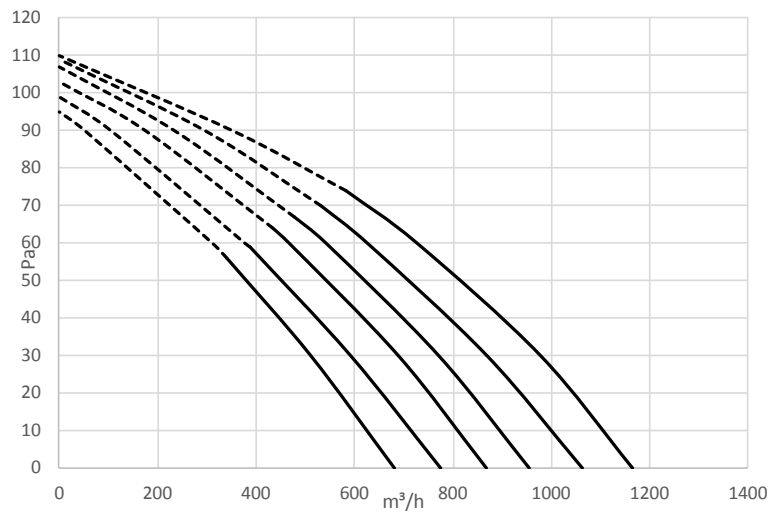
TECHNICAL DATA

AEREAULIC PERFORMANCES (2 PIPE SYSTEM - HIGH PRESSURE MOTOR)

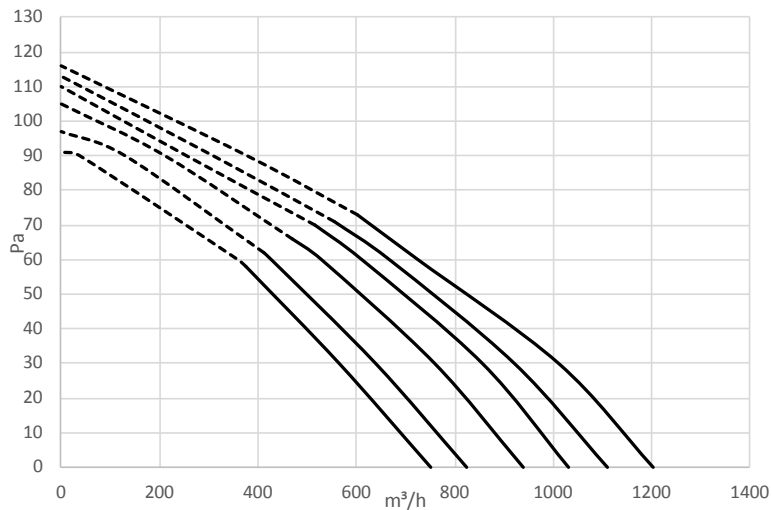
VCE 50 - 2 PIPE SYSTEM (3 row coil data)



VCE 60 - 2 PIPE SYSTEM (3 row coil data)



VCE 70 - 2 PIPE SYSTEM (3 row coil data)



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TECHNICAL DATA

AIR PRESSURE DROPS FOR THE MAIN ACCESSORIES

Air flow m ³ /h	Accessories description									
	Straight connecting duct	90° intake/supply duct	Telescopic extension for straight and 90° duct	Supply plenum with circular connection	Intake plenum with circular connections	Painted lower panel with grill	Supply grill	Intake grill	Standard filter in medium stemming condition	Standard filter in limit stemming condition (cleaning is necessary)
VCE 10										
276	0,8	3,2	0,8	12,3	12,3	7,2	19,6	19,6	5,4	10,9
250	0,7	2,6	0,7	10,1	10,1	5,9	16,0	16,0	4,5	8,9
225	0,5	2,1	0,5	8,2	8,2	4,8	13,0	13,0	3,6	7,2
200	0,4	1,7	0,4	6,5	6,5	3,8	10,3	10,3	2,9	5,7
175	0,3	1,3	0,3	4,9	4,9	2,9	7,9	7,9	2,2	4,4
150	-	0,9	-	3,6	3,6	2,1	5,8	5,8	1,6	3,2
125	-	0,7	-	2,5	2,5	1,5	4,0	4,0	1,1	2,2
100	-	0,4	-	1,6	1,6	0,9	2,6	2,6	0,7	1,4
75	-	-	-	0,9	0,9	0,5	1,4	1,4	0,4	0,8
60	-	-	-	0,6	0,6	0,3	0,9	0,9	0,3	0,5
VCE 20										
411	0,6	2,7	0,6	6,9	6,9	6,0	15,4	15,4	4,7	9,4
400	0,6	2,6	0,6	6,5	6,5	5,7	14,6	14,6	4,4	8,9
350	0,4	2,0	0,4	5,0	5,0	4,4	11,2	11,2	3,4	6,8
300	0,3	1,4	0,3	3,7	3,7	3,2	8,2	8,2	2,5	5,0
250	-	1,0	-	2,6	2,6	2,2	5,7	5,7	1,7	3,5
200	-	0,6	-	1,6	1,6	1,4	3,6	3,6	1,1	2,2
150	-	0,4	-	0,9	0,9	0,8	2,1	2,1	0,6	1,2
100	-	-	-	0,4	0,4	0,4	0,9	0,9	0,3	0,6
90	-	-	-	0,3	0,3	0,3	0,7	0,7	0,2	0,4
VCE 30										
533	0,6	2,4	0,6	9,0	9,0	5,2	13,2	13,2	4,2	8,3
500	0,5	2,1	0,5	7,9	7,9	4,6	11,6	11,6	3,7	7,3
450	0,4	1,7	0,4	6,4	6,4	3,7	9,4	9,4	3,0	5,9
400	0,3	1,3	0,3	5,1	5,1	2,9	7,4	7,4	2,3	4,7
350	-	1,0	-	3,9	3,9	2,2	5,7	5,7	1,8	3,6
300	-	0,8	-	2,9	2,9	1,6	4,2	4,2	1,3	2,6
250	-	0,5	-	2,0	2,0	1,1	2,9	2,9	0,9	1,8
200	-	0,3	-	1,3	1,3	0,7	1,9	1,9	0,6	1,2
150	-	-	-	0,7	0,7	0,7	1,0	1,0	0,3	0,7
100	-	-	-	0,3	0,3	-	0,5	0,5	0,1	0,3

TECHNICAL DATA
AIR PRESSURE DROPS FOR THE MAIN ACCESSORIES

Air flow m ³ /h	Accessories description									
	Straight connecting duct	90° intake/supply duct	Telescopic extension for straight and 90° duct	Supply plenum with circular connection	Intake plenum with circular connections	Painted lower panel with grill	Supply grill	Intake grill	Standard filter in medium stemming condition	Standard filter in limit stemming condition (cleaning is necessary)
VCE 40										
530	0,6	2,4	0,6	8,9	8,9	5,1	13,1	13,1	4,1	8,2
500	0,5	2,1	0,5	7,9	7,9	4,6	11,6	11,6	3,7	7,3
450	0,4	1,7	0,4	6,4	6,4	3,7	9,4	9,4	3,0	5,9
400	0,3	1,3	0,3	5,1	5,1	2,9	7,4	7,4	2,3	4,7
350	-	1,0	-	3,9	3,9	2,2	5,7	5,7	1,8	3,6
300	-	0,8	-	2,9	2,9	1,6	4,2	4,2	1,3	2,6
250	-	0,5	-	2,0	2,0	1,1	2,9	2,9	0,9	1,8
200	-	0,3	-	1,3	1,3	0,7	1,9	1,9	0,6	1,2
150	-	-	-	0,7	0,7	0,4	1,0	1,0	0,3	0,7
100	-	-	-	0,3	0,3	-	0,5	0,5	0,1	0,3
VCE 50										
812	0,9	3,3	0,9	7,4	7,4	7,3	18,5	18,5	5,9	11,9
800	0,8	3,2	0,8	7,2	7,2	7,1	18,0	18,0	5,8	11,5
700	0,6	2,5	0,6	5,5	5,5	5,4	13,8	13,8	4,4	8,8
600	0,5	1,8	0,5	4,0	4,0	4,0	10,1	10,1	3,2	6,5
500	0,3	1,3	0,3	2,8	2,8	2,8	7,0	7,0	2,3	4,5
400	-	0,8	-	1,8	1,8	1,8	4,5	4,5	1,4	2,9
300	-	0,5	-	1,0	1,0	1,0	2,5	2,5	0,8	1,6
200	-	-	-	0,4	0,4	0,4	1,1	1,1	0,4	0,7
150	-	-	-	0,3	0,3	-	0,6	0,6	0,2	0,4
VCE 60										
814	0,9	3,3	0,9	7,4	7,4	7,4	18,6	18,6	6,0	11,9
800	0,8	3,2	0,8	7,2	7,2	7,1	18,0	18,0	5,8	11,5
700	0,6	2,5	0,6	5,5	5,5	5,4	13,8	13,8	4,4	8,8
600	0,5	1,8	0,5	4,0	4,0	4,0	10,1	10,1	3,2	6,5
500	0,3	1,3	0,3	2,8	2,8	2,8	7,0	7,0	2,3	4,5
400	-	0,8	-	1,8	1,8	1,8	4,5	4,5	1,4	2,9
300	-	0,5	-	1,0	1,0	1,0	2,5	2,5	0,8	1,6
200	-	-	-	0,4	0,4	0,4	1,1	1,1	0,4	0,7
150	-	-	-	0,3	0,3	-	0,6	0,6	0,2	0,4

TECHNICAL DATA

AIR PRESSURE DROPS FOR THE MAIN ACCESSORIES

Air flow m ³ /h	Accessories description									
	Straight connecting duct	90° intake/supply duct	Telescopic extension for straight and 90° duct	Supply plenum with circular connection	Intake plenum with circular connections	Painted lower panel with grill	Supply grill	Intake grill	Standard filter in medium stemming condition	Standard filter in limit stemming condition (cleaning is necessary)
VCE 70										
867	0,8	3,8	0,8	8,4	8,4	8,4	21,2	21,2	11,0	22,0
800	0,7	3,3	0,7	7,2	7,2	7,2	18,1	18,1	9,4	18,7
750	0,6	2,9	0,6	6,3	6,3	6,3	15,9	15,9	8,2	16,4
700	0,5	2,5	0,5	5,5	5,5	5,5	13,8	13,8	7,2	14,3
650	0,4	2,1	0,4	4,7	4,7	4,7	11,9	11,9	6,2	12,3
600	0,4	1,8	0,4	4,0	4,0	4,0	10,2	10,2	5,3	10,5
550	0,3	1,5	0,3	3,4	3,4	3,4	8,5	8,5	4,4	8,8
500	0,3	1,3	0,3	2,8	2,8	2,8	7,1	7,1	3,7	7,3
450	-	1,0	-	2,3	2,3	2,3	5,7	5,7	3,0	5,9
400	-	0,8	-	1,8	1,8	1,8	4,5	4,5	2,3	4,7
350	-	0,6	-	1,4	1,4	1,4	3,5	3,5	1,8	3,6
300	-	0,5	-	1,0	1,0	1,0	2,5	2,5	1,3	2,6
250	-	0,3	-	0,7	0,7	0,7	1,8	1,8	0,9	1,8
200	-	-	-	0,4	0,4	0,4	1,1	1,1	0,6	1,2
150	-	-	-	0,3	0,3	0,3	0,6	0,6	0,3	0,7
VCE 80										
1.511	1,3	7,7	1,3	24,3	24,3	17,1	43,2	43,2	14,4	28,7
1.400	1,1	6,6	1,1	20,9	20,9	14,6	37,1	37,1	12,3	24,6
1.300	1,0	5,7	1,0	18,0	18,0	12,6	32,0	32,0	10,6	21,2
1.200	0,8	4,9	0,8	15,3	15,3	10,8	27,2	27,2	9,1	18,1
1.100	0,7	4,1	0,7	12,9	12,9	9,0	22,9	22,9	7,6	15,2
1.000	0,6	3,4	0,6	10,6	10,6	7,5	18,9	18,9	6,3	12,6
900	0,5	2,7	0,5	8,6	8,6	6,1	15,3	15,3	5,1	10,2
800	0,4	2,2	0,4	6,8	6,8	4,8	12,1	12,1	4,0	8,0
700	0,3	1,7	0,3	5,2	5,2	3,7	9,3	9,3	3,1	6,2
600	-	1,2	-	3,8	3,8	2,7	6,8	6,8	2,3	4,5
500	-	0,8	-	2,7	2,7	1,9	4,7	4,7	1,6	3,1
400	-	0,5	-	1,7	1,7	1,2	3,0	3,0	1,0	2,0
VCE 90										
1.410	1,2	6,7	1,2	21,3	21,3	14,9	11,2	11,2	12,5	25,0
1.300	1,0	5,7	1,0	18,1	18,1	12,6	9,5	9,5	10,6	21,2
1.200	0,8	4,9	0,8	15,4	15,4	10,8	8,1	8,1	9,1	18,1
1.100	0,7	4,1	0,7	13,0	13,0	9,0	6,8	6,8	7,6	15,2
1.000	0,6	3,4	0,6	10,7	10,7	7,5	5,6	5,6	6,3	12,6
900	0,5	2,7	0,5	8,7	8,7	6,1	4,6	4,6	5,1	10,2
800	0,4	2,2	0,4	6,9	6,9	4,8	3,6	3,6	4,0	8,0
700	0,3	1,7	0,3	5,2	5,2	3,7	2,8	2,8	3,1	6,2
600	-	1,2	-	3,9	3,9	2,7	2,0	2,0	2,3	4,5
500	-	0,8	-	2,7	2,7	1,9	1,4	1,4	1,6	3,1
400	-	0,5	-	1,7	1,7	1,2	0,9	0,9	1,0	2,0

TECHNICAL DATA
SOUND POWER SPECTRUM - 2 PIPE SYSTEM

Model	Speed	Standard electric wiring	Frequency spectrum - ref. octave band (Hz)							Total sound power [db(A)]
			125	250	500	1.000	2.000	4.000	8.000	
VCE10	1		34	33	32	24	21	15	6	32
	2	Min	34	37	34	27	24	16	7	35
	3		36	38	37	31	25	18	7	37
	4	Med	39	43	43	37	31	22	9	43
	5	Max	42	45	46	41	36	28	16	46
	6		47	49	50	46	42	35	25	51
VCE20	1		29	35	32	24	20	15	10	32
	2	Min	36	40	39	32	27	20	14	39
	3	Med	36	40	43	33	27	20	13	41
	4	Max	40	42	47	37	32	25	16	45
	5		45	48	49	43	40	32	25	49
	6		49	52	52	47	46	38	30	53
VCE30	1		31	33	29	21	22	14	13	30
	2	Min	33	37	34	27	23	15	12	34
	3	Med	38	42	41	35	28	19	14	41
	4	Max	42	44	44	39	32	23	17	44
	5		45	47	46	42	36	28	19	47
	6		48	50	50	46	41	34	27	51
VCE40	1		31	33	29	21	22	14	13	30
	2	Min	33	36	33	25	22	14	12	33
	3	Med	38	41	40	34	28	18	14	40
	4		42	44	44	39	32	23	17	44
	5	Max	45	47	46	42	36	28	19	47
	6		48	50	50	46	41	34	27	51
VCE50	1	Min	35	39	36	26	29	25	24	37
	2		38	41	39	30	29	25	24	39
	3	Med	42	45	43	35	31	26	25	43
	4	Max	45	48	47	41	35	28	25	47
	5		49	51	51	45	40	33	29	51
	6		53	56	55	50	46	40	32	56
VCE60	1		32	36	33	23	26	22	21	34
	2	Min	37	40	38	29	28	24	23	38
	3		41	44	42	34	30	25	24	42
	4	Med	45	48	47	41	35	28	25	47
	5	Max	50	52	52	46	41	34	30	52
	6		54	57	56	51	47	41	33	57

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TECHNICAL DATA

SOUND POWER SPECTRUM - 2 PIPE SYSTEM

Model	Speed	Standard electric wiring	Frequency spectrum - ref. octave band (Hz)							Total sound power [db(A)]
			125	250	500	1.000	2.000	4.000	8.000	
VCE70	1		35	37	33	26	25	23	20	35
	2		35	40	37	30	28	24	22	38
	3	Min	40	43	41	35	31	26	22	42
	4	Med	43	47	46	40	36	28	25	46
	5	Max	49	51	51	46	42	35	27	52
	6		53	56	56	51	49	42	33	57
VCE80	1	Min	48	52	50	47	43	36	27	52
	2	Med	54	58	56	54	51	45	37	58
	3	Max	59	62	60	58	56	51	45	63
	4		61	65	63	61	59	54	48	66
	5		62	66	64	62	61	56	50	67
	6		62	67	65	63	61	57	51	68
VCE90	1	Min	48	52	50	47	43	36	27	52
	2		54	58	56	54	51	45	37	58
	3	Med	59	62	60	58	56	51	45	63
	4		61	65	63	61	59	54	48	66
	5	Max	62	66	64	62	61	56	50	67
	6		62	67	65	63	61	57	51	68
VCE100	1		51	53	50	47	43	38	34	52
	2	Min	53	55	52	48	45	40	36	54
	3	Med	55	57	53	50	47	41	36	56
	4		57	59	55	53	49	43	37	58
	5	Max	59	61	57	54	50	45	39	59
	6		60	62	58	55	52	46	42	61
VCE110	1		52	54	52	51	48	39	31	55
	2	Min	56	57	54	54	51	42	33	58
	3	Med	60	63	59	59	57	50	41	63
	4		63	66	62	61	60	53	46	66
	5	Max	66	69	64	64	63	57	50	69
VCE120	1		52	54	52	51	48	39	31	55
	2	Min	56	57	54	54	51	42	33	58
	3		60	63	59	59	57	50	41	63
	4	Med	63	66	62	61	60	53	46	66
	5	Max	66	69	64	64	63	57	50	69

TECHNICAL DATA
SOUND POWER SPECTRUM - 4 PIPE SYSTEM

Model	Speed	Standard electric wiring	Frequency spectrum - ref. octave band (Hz)							Total sound power [db(A)]
			125	250	500	1.000	2.000	4.000	8.000	
VCE10	1		33	32	31	23	20	14	5	31
	2	Min	33	39	37	28	25	17	8	37
	3		36	40	38	30	26	17	8	38
	4	Med	39	42	43	37	31	21	9	43
	5	Max	43	46	47	42	37	28	15	47
	6		46	48	49	45	41	34	24	50
VCE20	1		31	37	34	26	22	17	12	34
	2	Min	36	40	39	32	27	20	14	39
	3	Med	40	44	43	37	32	24	17	43
	4	Max	43	47	47	41	37	28	20	47
	5		48	51	52	46	43	35	28	52
	6		52	55	55	50	49	41	33	56
VCE30	1		31	33	29	21	22	14	13	30
	2	Min	34	37	34	26	23	15	13	34
	3	Med	38	41	40	34	28	18	14	40
	4	Max	42	44	44	39	32	23	17	44
	5		45	47	46	42	36	28	19	47
	6		47	49	49	45	40	33	26	50
VCE40	1		31	33	29	21	22	14	13	30
	2	Min	35	38	35	27	24	16	14	35
	3	Med	40	42	41	36	29	20	15	41
	4		43	45	45	40	33	24	18	45
	5	Max	46	47	46	42	37	29	20	47
	6		50	52	52	48	43	36	29	53
VCE50	1	Min	33	37	34	24	27	23	22	35
	2		37	40	38	29	28	24	23	38
	3	Med	41	44	42	34	30	25	24	42
	4	Max	44	47	46	40	34	27	24	46
	5		49	51	51	45	40	33	29	51
	6		53	56	55	50	46	40	32	56
VCE60	1		36	40	37	27	30	26	25	38
	2	Min	40	43	41	32	31	27	26	41
	3		43	46	44	36	32	27	26	44
	4	Med	46	49	48	42	36	29	26	48
	5	Max	51	53	53	47	42	35	31	53
	6		54	57	56	51	47	41	33	57

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TECHNICAL DATA

SOUND POWER SPECTRUM - 4 PIPE SYSTEM

Model	Speed	Standard electric wiring	Frequency spectrum - ref. octave band (Hz)							Total sound power [db(A)]
			125	250	500	1.000	2.000	4.000	8.000	
VCE70	1		35	37	33	26	25	23	20	35
	2		36	41	38	31	29	25	23	39
	3	Min	41	44	42	36	32	27	23	43
	4	Med	44	48	47	41	37	29	26	47
	5	Max	50	52	52	47	43	36	28	53
	6		54	57	57	52	50	43	34	58
VCE80	1	Min	48	52	50	47	43	36	27	52
	2	Med	55	59	57	54	52	45	37	59
	3	Max	59	62	61	59	56	51	45	64
	4		61	65	63	61	59	54	48	66
	5		62	66	64	62	61	56	50	67
	6		62	67	65	63	61	57	51	68
VCE90	1	Min	48	52	50	47	43	36	27	52
	2		54	58	56	54	51	45	37	58
	3	Med	59	62	61	59	56	51	45	64
	4		61	65	63	61	59	54	48	66
	5	Max	62	66	64	62	61	56	50	67
	6		62	67	65	63	61	57	51	68
VCE100	1		51	53	50	47	43	38	34	52
	2	Min	53	55	52	48	45	40	36	54
	3	Med	55	57	53	50	47	41	36	56
	4		57	59	55	53	49	43	37	58
	5	Max	59	61	57	54	50	45	39	59
	6		60	62	58	55	52	46	42	61
VCE110	1		52	54	52	51	48	39	31	55
	2	Min	56	57	54	54	51	42	33	58
	3	Med	60	63	59	59	57	50	41	63
	4		63	66	62	61	60	53	46	66
	5	Max	66	69	64	64	63	57	50	69
VCE120	1		52	54	52	51	48	39	31	55
	2	Min	56	57	54	54	51	42	33	58
	3		60	63	59	59	57	50	41	63
	4	Med	63	66	62	61	60	53	46	66
	5	Max	66	69	64	64	63	57	50	69

TECHNICAL DATA
SOUND POWER SPECTRUM - 2 PIPE SYSTEM - HIGH PRESSURE MOTOR

Model	Speed	Standard electric wiring	Frequency spectrum - ref. octave band (Hz)							Total sound power [db(A)]
			125	250	500	1.000	2.000	4.000	8.000	
VCE20	1		42	47	44	38	33	28	21	45
	2	Min	45	49	47	42	37	31	23	48
	3	Med	48	52	51	46	42	36	28	52
	4	Max	52	55	55	50	48	41	34	56
	5		56	59	58	54	52	47	40	60
	6		58	64	61	57	55	50	44	63
VCE30	1		40	42	41	35	27	20	17	41
	2	Min	43	45	45	39	32	23	18	45
	3	Med	49	51	52	47	42	34	24	52
	4	Max	52	54	55	51	47	40	30	56
	5		54	57	56	53	50	44	34	58
	6		56	59	58	55	53	47	39	60
VCE40	1		40	42	41	35	27	20	17	41
	2	Min	43	45	45	39	32	23	18	45
	3	Med	49	51	52	47	42	34	24	52
	4		52	54	55	51	47	40	30	56
	5	Max	54	57	56	53	50	44	34	58
	6		56	59	58	55	53	47	39	60
VCE50	1	Min	50	52	52	47	43	35	25	53
	2		53	55	54	50	47	40	30	55
	3	Med	56	57	57	53	50	45	35	58
	4	Max	59	60	59	56	54	49	40	61
	5		60	62	61	58	56	52	44	63
	6		62	64	63	60	58	54	47	65
VCE60	1		50	52	52	47	43	35	25	53
	2	Min	53	55	54	50	47	40	30	55
	3		56	57	57	53	50	45	35	58
	4	Med	59	60	59	56	54	49	40	61
	5	Max	60	62	61	58	56	52	44	63
	6		62	64	63	60	58	54	47	65
VCE70	1		49	53	52	47	43	36	26	53
	2		52	55	54	50	46	40	30	55
	3	Min	55	58	56	53	50	44	34	58
	4	Med	57	60	58	55	53	48	38	60
	5	Max	59	62	61	57	56	51	43	63
	6		61	64	62	60	58	54	46	65

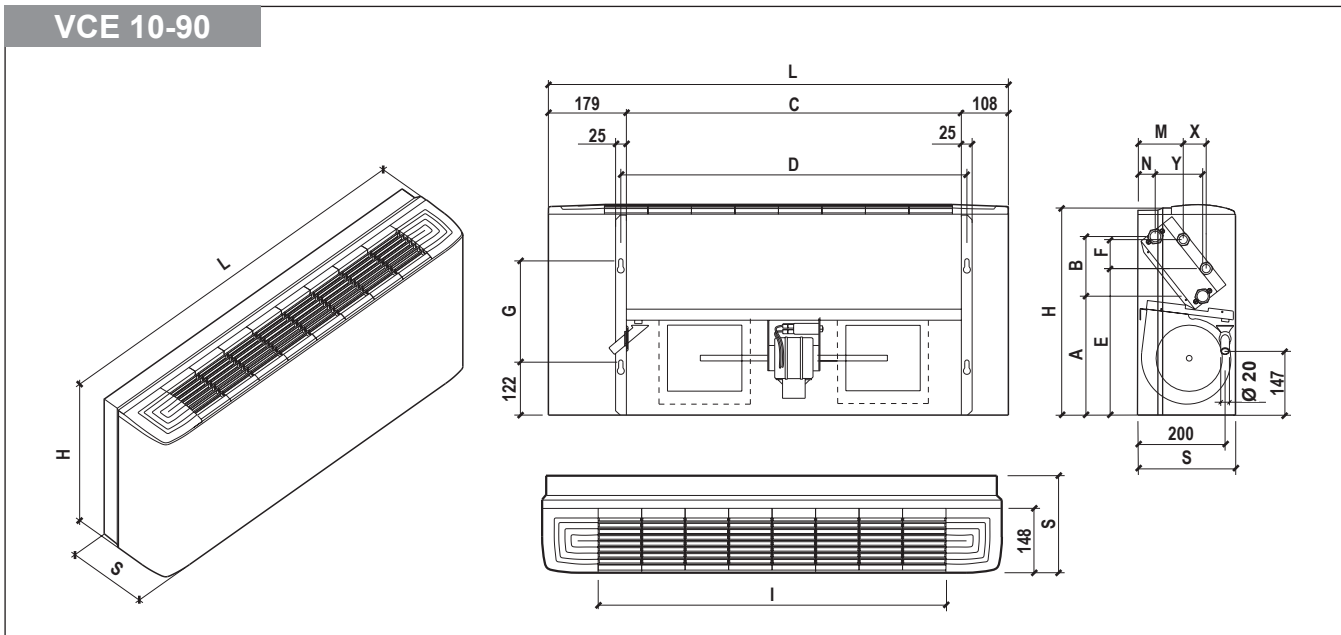
02_04_01_02_EN

TECHNICAL DATA
SOUND POWER SPECTRUM - 4 PIPE SYSTEM - HIGH PRESSURE MOTOR

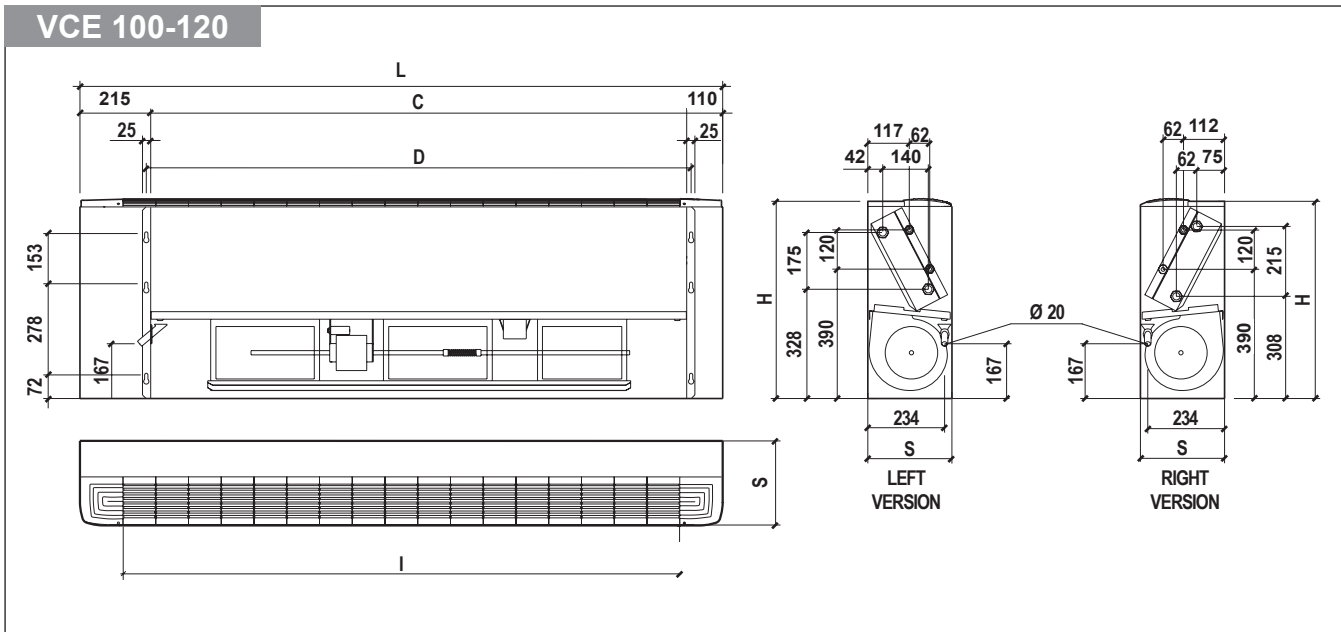
Model	Speed	Standard electric wiring	Frequency spectrum - ref. octave band (Hz)						Total sound power [db(A)]	
			125	250	500	1.000	2.000	4.000		8.000
VCE20	1		42	47	44	38	33	28	21	45
	2	Min	45	49	47	42	37	31	23	48
	3	Med	48	52	51	46	42	36	28	52
	4	Max	52	55	55	50	48	41	34	56
	5		56	59	58	54	52	47	40	60
	6		58	64	61	57	55	50	44	63
VCE30	1		40	42	41	35	27	20	17	41
	2	Min	43	45	45	39	32	23	18	45
	3	Med	49	51	52	47	42	34	24	52
	4	Max	52	54	55	51	47	40	30	56
	5		54	57	56	53	50	44	34	58
	6		56	59	58	55	53	47	39	60
VCE40	1		40	42	41	35	27	20	17	41
	2	Min	43	45	45	39	32	23	18	45
	3	Med	49	51	52	47	42	34	24	52
	4		52	54	55	51	47	40	30	56
	5	Max	54	57	56	53	50	44	34	58
	6		56	59	58	55	53	47	39	60
VCE50	1	Min	50	52	52	47	43	35	25	53
	2		53	55	54	50	47	40	30	55
	3	Med	56	57	57	53	50	45	35	58
	4	Max	59	60	59	56	54	49	40	61
	5		60	62	61	58	56	52	44	63
	6		62	64	63	60	58	54	47	65
VCE60	1		50	52	52	47	43	35	25	53
	2	Min	53	55	54	50	47	40	30	55
	3		56	57	57	53	50	45	35	58
	4	Med	59	60	59	56	54	49	40	61
	5	Max	60	62	61	58	56	52	44	63
	6		62	64	63	60	58	54	47	65
VCE70	1		49	53	52	47	43	36	26	53
	2		52	55	54	50	46	40	30	55
	3	Min	55	58	56	53	50	44	34	58
	4	Med	57	60	58	55	53	48	38	60
	5	Max	59	62	61	57	56	51	43	63
	6		61	64	62	60	58	54	46	65

GENERAL DIMENSIONS

VERSION 0 - Wall mounted with cabinet (bottom air intake)



N.B.: on the models VCE100, VCE110 and VCE120 the fold on the cabinet is not foreseen!

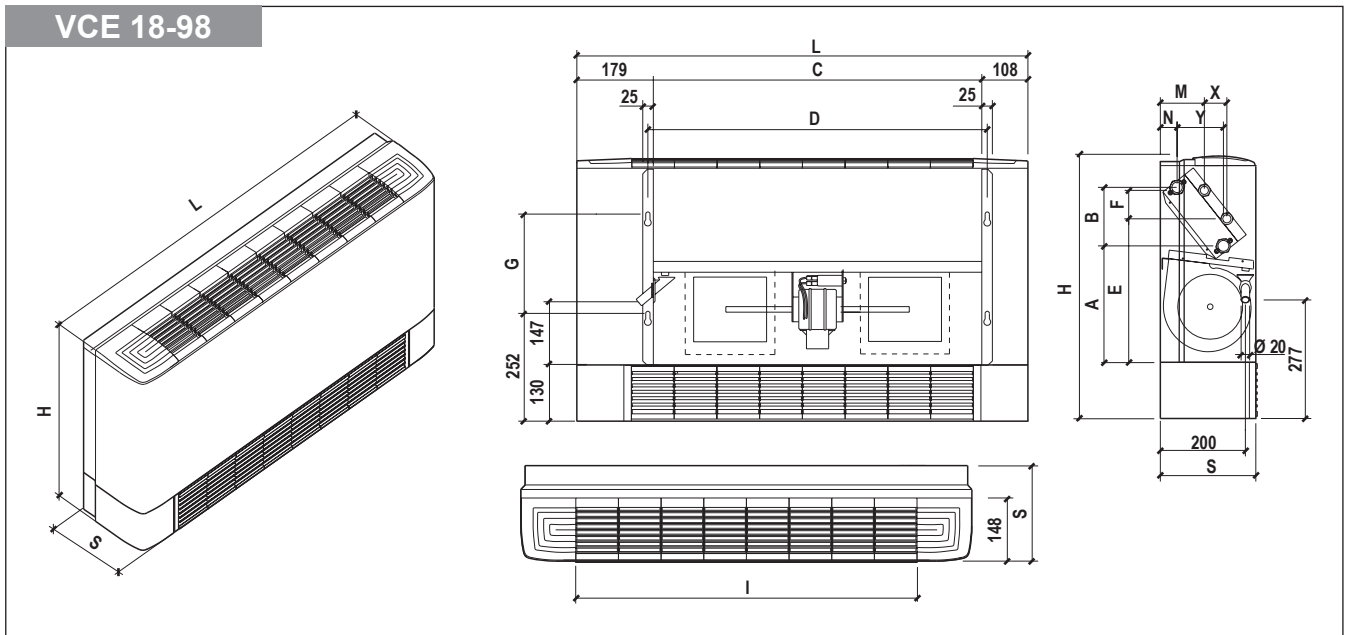


MOD.	CODE	Dimensions			Air Hole Width	Distance between slots			Standard coil				Auxiliary coil				Grilles
		H	L	S		C	D	G	N	Y	A	B	M	X	E	F	
10	A0015090010	480	660	225	370	395	233	42	109	274	137	106	53	337	67	4	
20	A0015090020	480	860	225	570	595	233	42	109	274	137	106	53	337	67	6	
30	A0015090030	480	1.060	225	770	795	233	42	109	274	137	106	53	337	67	8	
40	A0015090040	480	1.060	225	770	795	233	42	109	274	137	106	53	337	67	8	
50	A0015090050	480	1.260	225	970	995	233	42	109	274	137	106	53	337	67	10	
60	A0015090060	480	1.260	225	970	995	233	42	109	274	137	106	53	337	67	10	
70	A0015090070	585	1.260	225	970	995	253	42	107	268	253	103	52	374	124	10	
80	A0015090080	585	1.460	225	1.170	1.195	253	42	107	268	253	103	52	374	124	12	
90	A0015090090	585	1.460	225	1.170	1.195	253	42	107	268	253	103	52	374	124	12	
100	A0015090100	602	1.660	257	1.335	1.362	-	-	-	-	-	-	-	-	-	14	
110	A0015090110	602	1.960	257	1.635	1.662	-	-	-	-	-	-	-	-	-	17	
120	A0015090120	602	1.960	257	1.635	1.662	-	-	-	-	-	-	-	-	-	17	

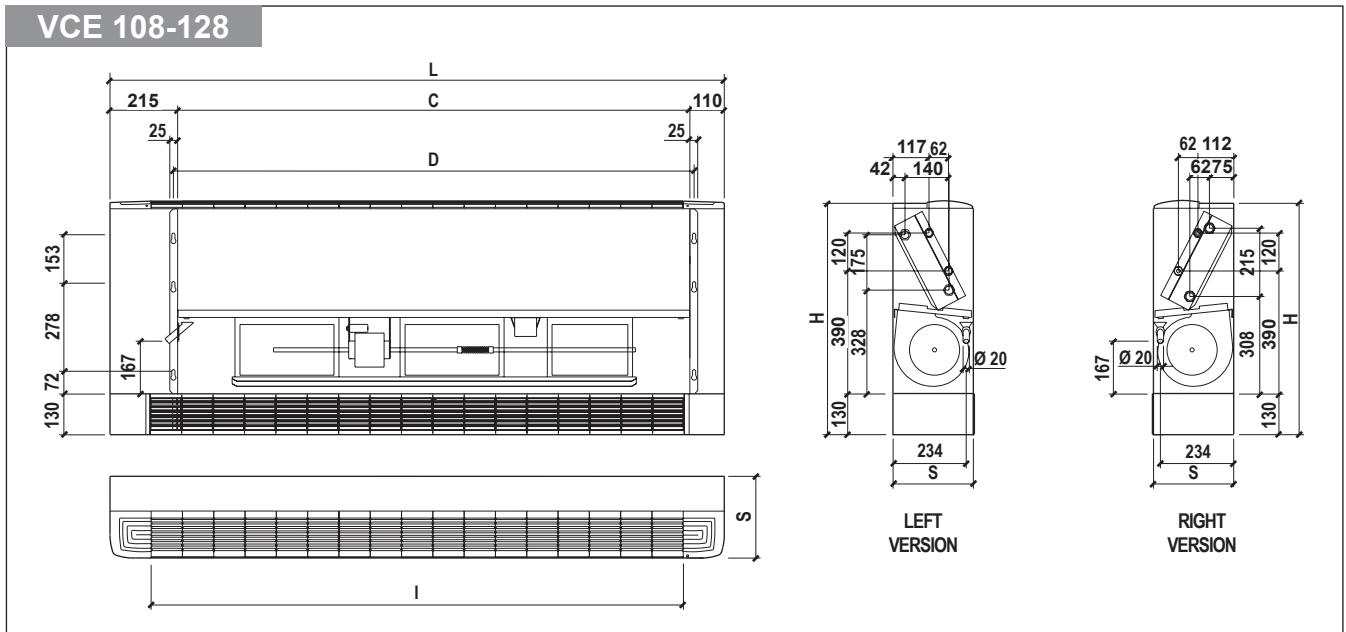
02_04_01_02_EN

GENERAL DIMENSIONS

VERSION 8 - Wall mounted with cabinet (frontal air intake with socle)



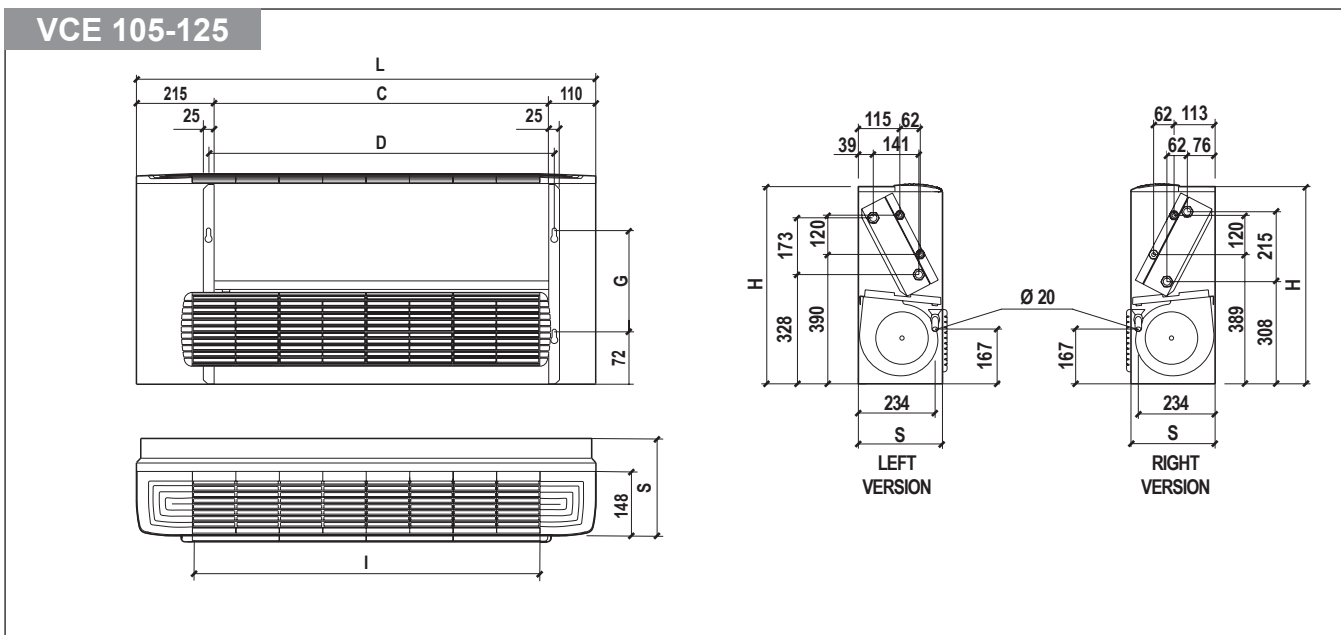
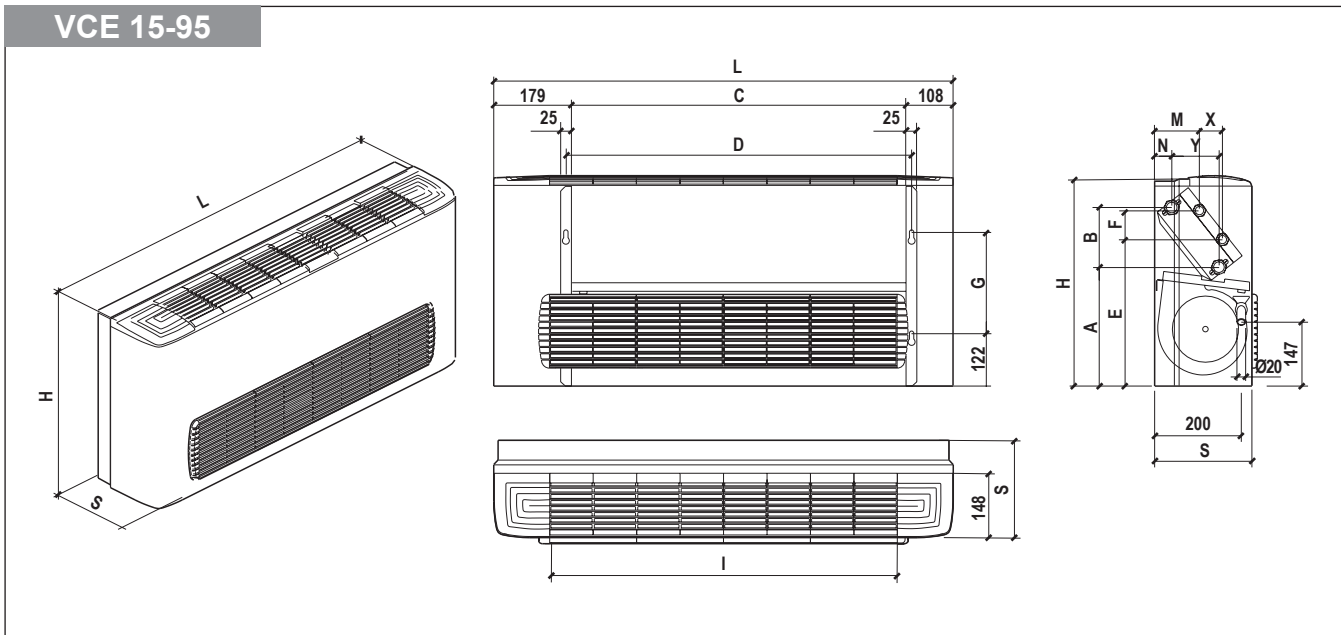
N.B.: on the models VCE100, VCE110 and VCE120 the fold on the cabinet is not foreseen!



MOD.	CODE	Dimensions			Air Hole Width	Distance between slots		Standard coil				Auxiliary coil				Grilles
		H	L	S		C	D	G	N	Y	A	B	M	X	E	
18	A0015090018	610	660	225	370	395	233	42	109	274	137	106	53	337	67	4
28	A0015090028	610	860	225	570	595	233	42	109	274	137	106	53	337	67	6
38	A0015090038	610	1.060	225	770	795	233	42	109	274	137	106	53	337	67	8
48	A0015090048	610	1.060	225	770	795	233	42	109	274	137	106	53	337	67	8
58	A0015090058	610	1.260	225	970	995	233	42	109	274	137	106	53	337	67	10
68	A0015090068	610	1.260	225	970	995	233	42	109	274	137	106	53	337	67	10
78	A0015090078	715	1.260	225	970	995	253	42	107	268	253	103	52	374	124	10
88	A0015090088	715	1.460	225	1.170	1.195	253	42	107	268	253	103	52	374	124	12
98	A0015090098	715	1.460	225	1.170	1.195	253	42	107	268	253	103	52	374	124	12
108	A0015090108	732	1.660	257	1.335	1.362	-	-	-	-	-	-	-	-	-	14
118	A0015090118	732	1.960	257	1.635	1.662	-	-	-	-	-	-	-	-	-	17
128	A0015090128	732	1.960	257	1.635	1.662	-	-	-	-	-	-	-	-	-	17

GENERAL DIMENSIONS

VERSION 5 - Wall mounted with cabinet (frontal air intake with socle)



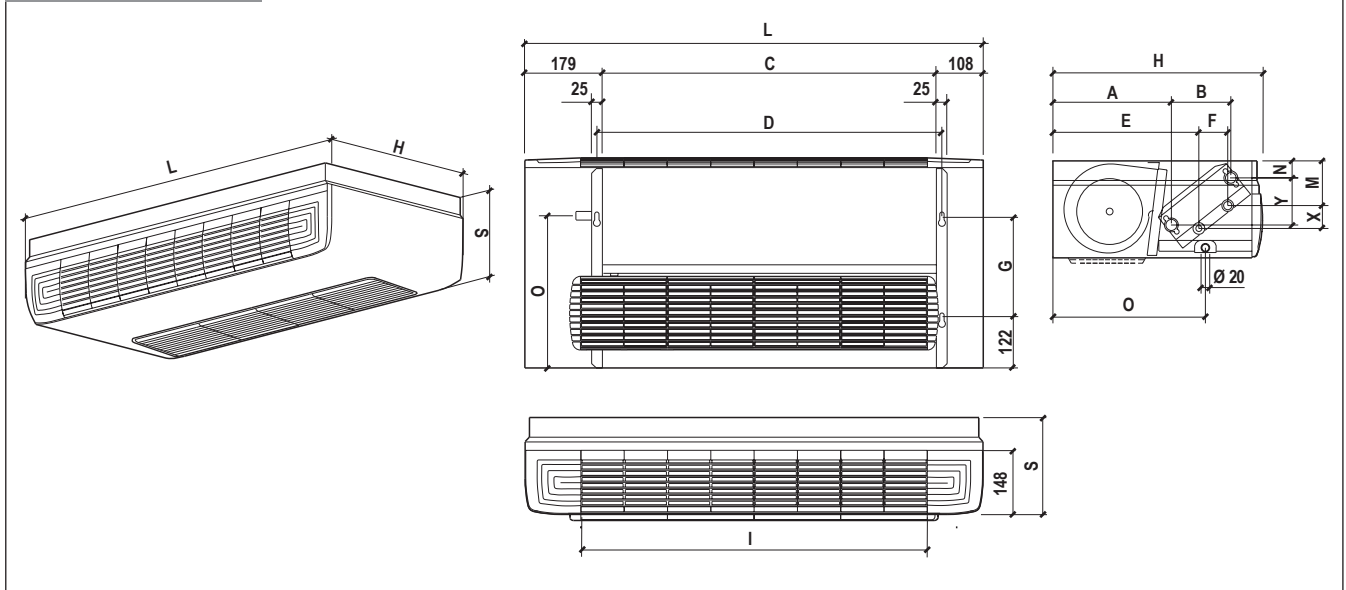
MOD.	CODE	Dimensions			Air Hole Width	Distance between slots			Standard coil				Auxiliary coil				Grilles
		H	L	S		C	D	G	N	Y	A	B	M	X	E	F	
15	A0015090015	480	660	225	370	395	233	42	109	274	137	106	53	337	67	4	
25	A0015090025	480	860	225	570	595	233	42	109	274	137	106	53	337	67	6	
35	A0015090035	480	1.060	225	770	795	233	42	109	274	137	106	53	337	67	8	
45	A0015090045	480	1.060	225	770	795	233	42	109	274	137	106	53	337	67	8	
55	A0015090055	480	1.260	225	970	995	233	42	109	274	137	106	53	337	67	10	
65	A0015090065	480	1.260	225	970	995	233	42	109	274	137	106	53	337	67	10	
75	A0015090075	585	1.260	225	970	995	253	42	107	268	253	103	52	374	124	10	
85	A0015090085	585	1.460	225	1.170	1.195	253	42	107	268	253	103	52	374	124	12	
95	A0015090095	585	1.460	225	1.170	1.195	253	42	107	268	253	103	52	374	124	12	
105	A0015090105	602	1.660	257	1.335	1.362	-	-	-	-	-	-	-	-	-	14	
115	A0015090115	602	1.960	257	1.635	1.662	-	-	-	-	-	-	-	-	-	17	
125	A0015090125	602	1.960	257	1.635	1.662	-	-	-	-	-	-	-	-	-	17	

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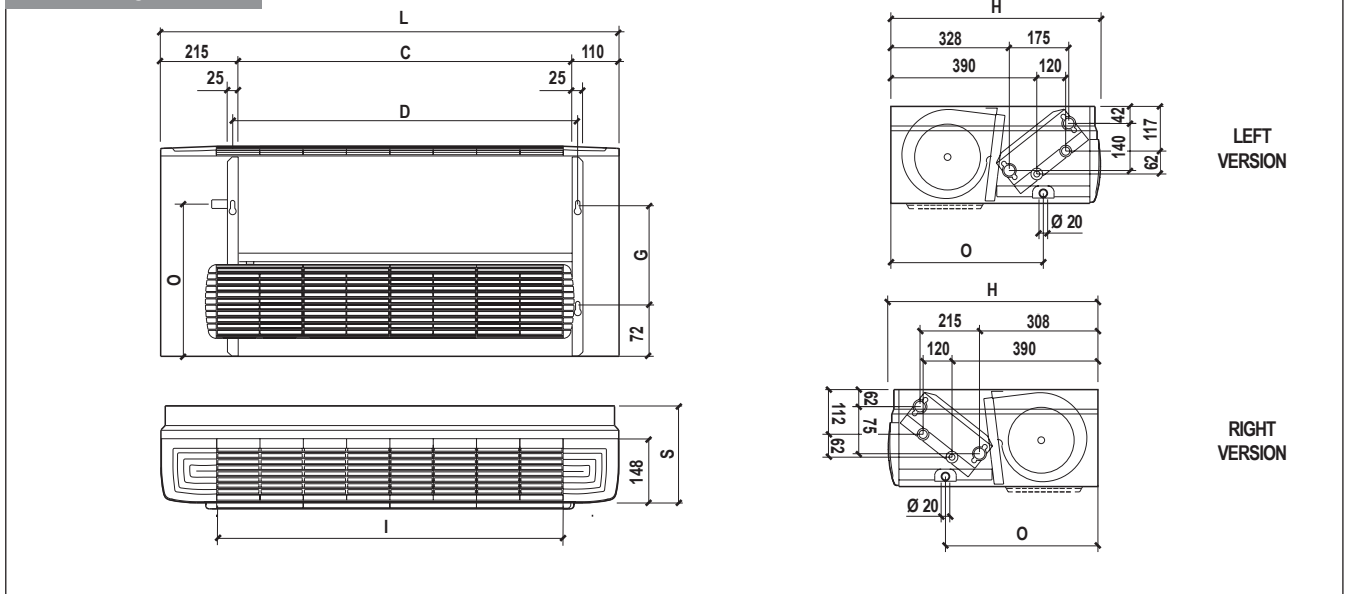
GENERAL DIMENSIONS

VERSION 4 - Horizontal ceiling models with cabinet (bottom air intake)

VCE 14-94



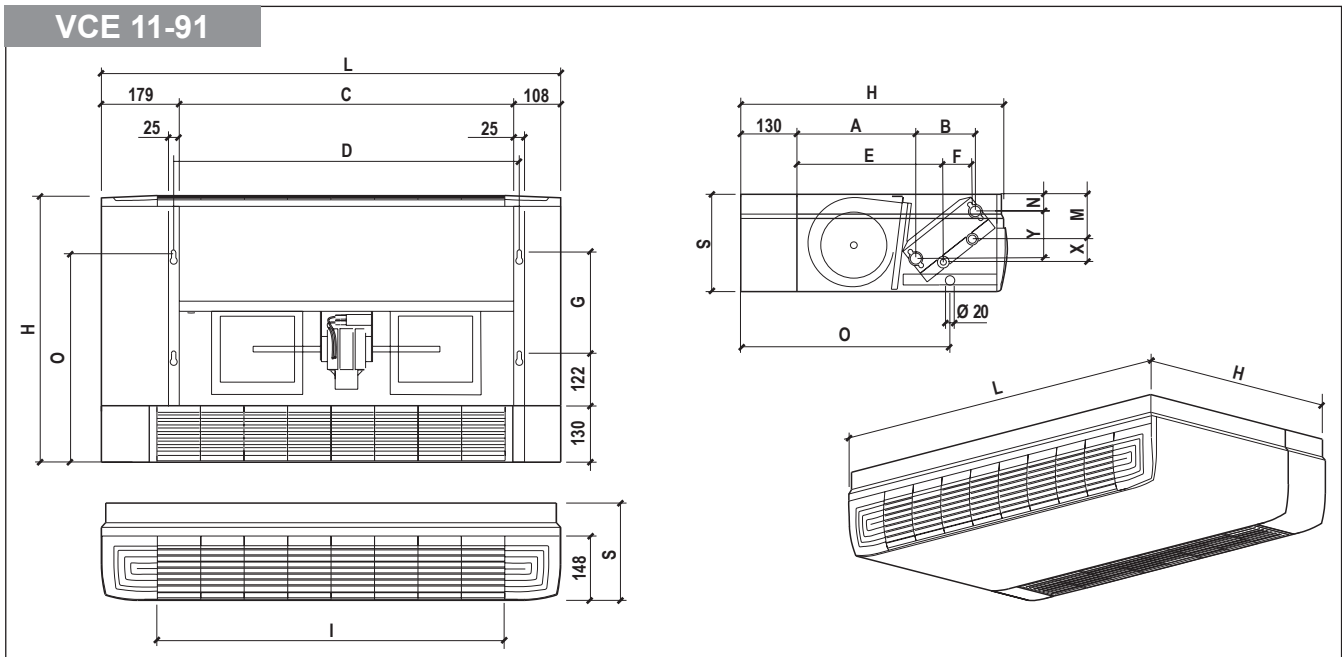
VCE 104-124



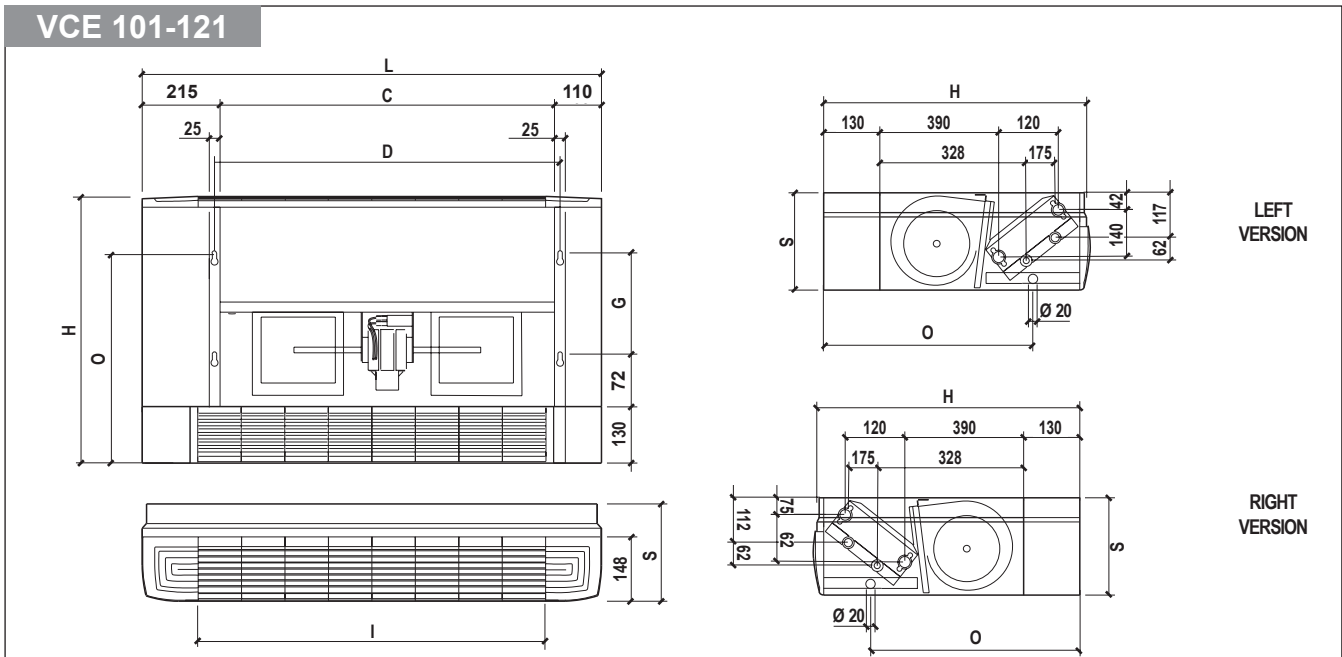
MOD.	CODE	Dimensions			Air Hole Width	Distance between slots		Standard coil				Auxiliary coil				Grilles	Conden. fitting
		H	L	S		C	D	G	N	Y	A	B	M	X	E		
14	A0015090014	480	660	225	370	395	233	42	109	274	137	106	53	337	67	4	352
24	A0015090024	480	860	225	570	595	233	42	109	274	137	106	53	337	67	6	352
34	A0015090034	480	1.060	225	770	795	233	42	109	274	137	106	53	337	67	8	352
44	A0015090044	480	1.060	225	770	795	233	42	109	274	137	106	53	337	67	8	352
54	A0015090054	480	1.260	225	970	995	233	42	109	274	137	106	53	337	67	10	352
64	A0015090064	480	1.260	225	970	995	233	42	109	274	137	106	53	337	67	10	352
74	A0015090074	585	1.260	225	970	995	253	42	107	268	253	103	52	374	124	10	402
84	A0015090084	585	1.460	225	1.170	1.195	253	42	107	268	253	103	52	374	124	12	402
94	A0015090094	585	1.460	225	1.170	1.195	253	42	107	268	253	103	52	374	124	12	402
104	A0015090104	602	1.660	257	1.335	1.362	-	-	-	-	-	-	-	-	-	14	422
114	A0015090114	602	1.960	257	1.635	1.662	-	-	-	-	-	-	-	-	-	17	422
124	A0015090124	602	1.960	257	1.635	1.662	-	-	-	-	-	-	-	-	-	17	422

GENERAL DIMENSIONS

VERSION 1 - Horizontal ceiling models with cabinet (bottom air intake with socle)



N.B.: on the models VCE100, VCE110 and VCE120 the fold on the cabinet is not foreseen!

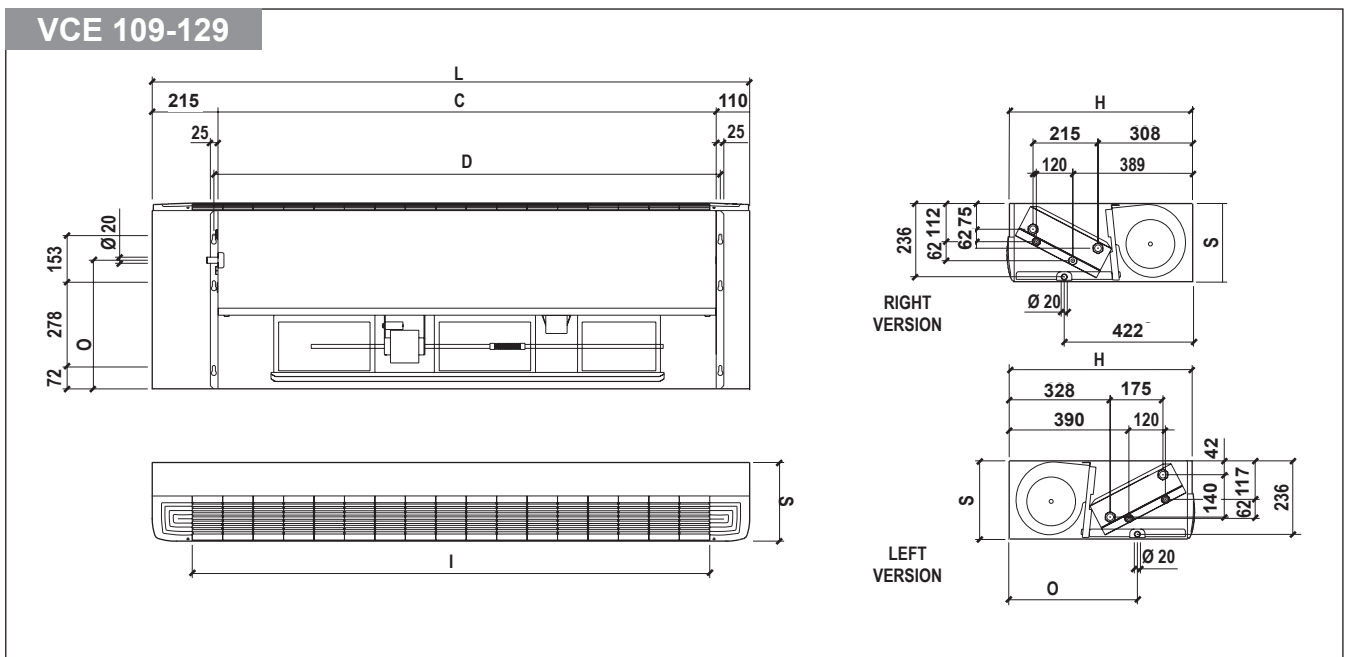
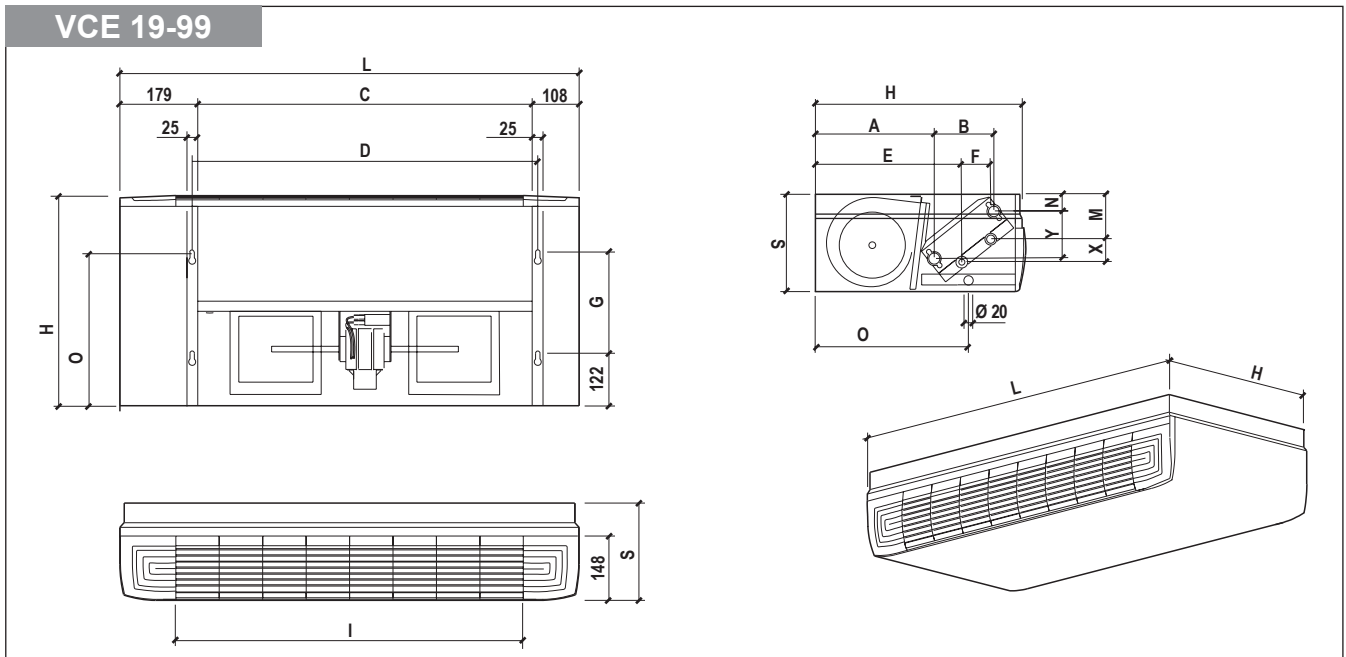


MOD.	CODE	Dimensions			Air Hole Width	Distance between slots			Standard coil				Auxiliary coil				Grilles	Conden. fitting
		H	L	S		C	D	G	N	Y	A	B	M	X	E	F		
11	A0015090011	610	660	225	370	395	233	42	109	274	137	106	53	337	67	4	482	
21	A0015090021	610	860	225	570	595	233	42	109	274	137	106	53	337	67	6	482	
31	A0015090031	610	1.060	225	770	795	233	42	109	274	137	106	53	337	67	8	482	
41	A0015090041	610	1.060	225	770	795	233	42	109	274	137	106	53	337	67	8	482	
51	A0015090051	610	1.260	225	970	995	233	42	109	274	137	106	53	337	67	10	482	
61	A0015090061	610	1.260	225	970	995	233	42	109	274	137	106	53	337	67	10	482	
71	A0015090071	715	1.260	225	970	995	253	42	107	268	253	103	52	374	124	10	532	
81	A0015090081	715	1.460	225	1.170	1.195	253	42	107	268	253	103	52	374	124	12	532	
91	A0015090091	715	1.460	225	1.170	1.195	253	42	107	268	253	103	52	374	124	12	532	
101	A0015090101	732	1.660	257	1.335	1.362	-	-	-	-	-	-	-	-	-	14	552	
111	A0015090111	732	1.960	257	1.635	1.662	-	-	-	-	-	-	-	-	-	17	552	
121	A0015090121	732	1.960	257	1.635	1.662	-	-	-	-	-	-	-	-	-	17	552	

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GENERAL DIMENSIONS

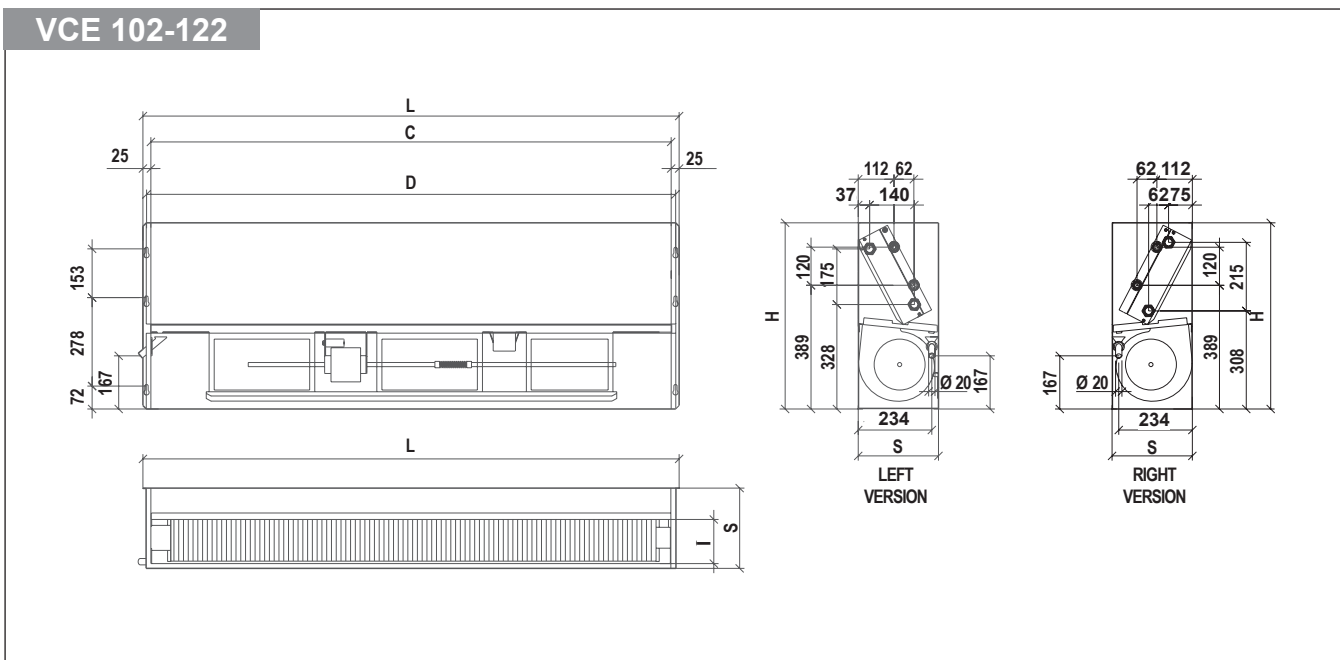
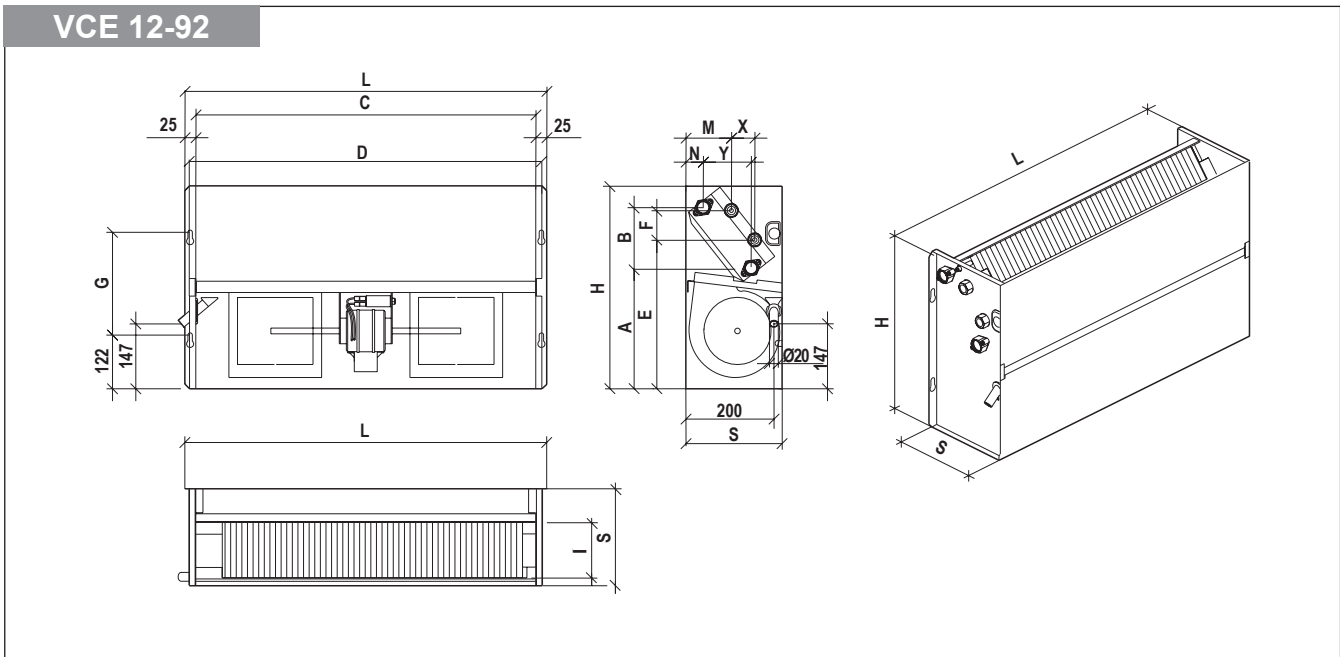
VERSION 9 - Horizontal ceiling models with cabinet (bottom air intake with socle)



MOD.	CODE	Dimensions			Air Hole Width	Distance between slots			Standard coil				Auxiliary coil				Grilles	Conden. fitting
		H	L	S		C	D	G	N	Y	A	B	M	X	E	F		
19	A0015090019	480	660	225	370	395	233	42	109	274	137	106	53	337	67	4	352	
29	A0015090029	480	860	225	570	595	233	42	109	274	137	106	53	337	67	6	352	
39	A0015090039	480	1.060	225	770	795	233	42	109	274	137	106	53	337	67	8	352	
49	A0015090049	480	1.060	225	770	795	233	42	109	274	137	106	53	337	67	8	352	
59	A0015090059	480	1.260	225	970	995	233	42	109	274	137	106	53	337	67	10	352	
69	A0015090069	480	1.260	225	970	995	233	42	109	274	137	106	53	337	67	10	352	
79	A0015090079	585	1.260	225	970	995	253	42	107	268	253	103	52	374	124	10	402	
89	A0015090089	585	1.460	225	1.170	1.195	253	42	107	268	253	103	52	374	124	12	402	
99	A0015090099	585	1.460	225	1.170	1.195	253	42	107	268	253	103	52	374	124	12	402	
109	A0015090109	602	1.660	257	1.335	1.362	-	-	-	-	-	-	-	-	-	14	422	
119	A0015090119	602	1.960	257	1.635	1.662	-	-	-	-	-	-	-	-	-	17	422	
129	A0015090129	602	1.960	257	1.635	1.662	-	-	-	-	-	-	-	-	-	17	422	

GENERAL DIMENSIONS

VERSION 2 - Vertical recessed models (vertical air supply)



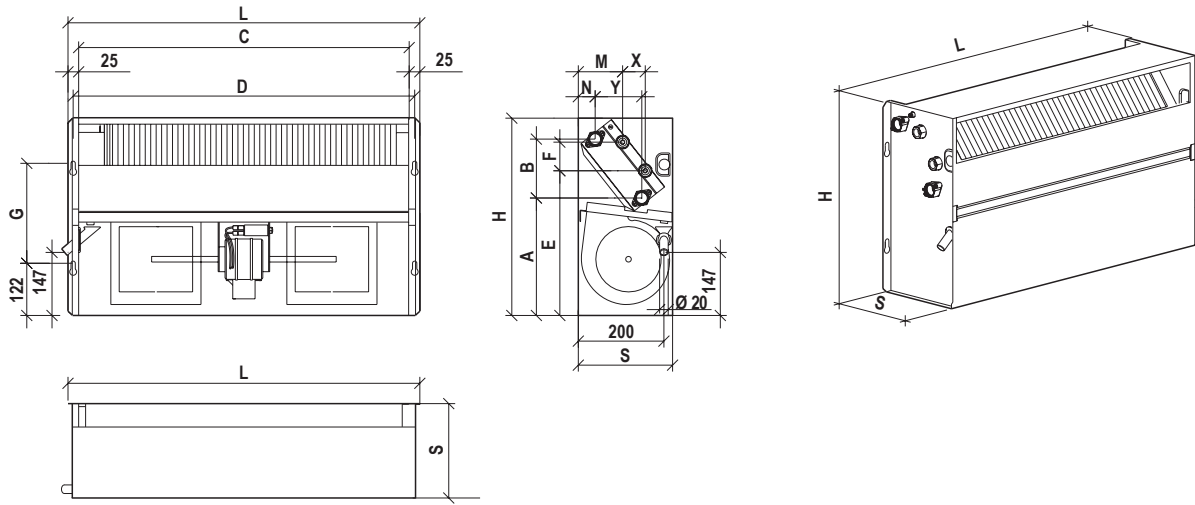
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MOD.	CODE	Dimensions			Air Hole Width	Distance between slots		Standard coil				Auxiliary coil				Grilles
		H	L	S		C	D	G	N	Y	A	B	M	X	E	
12	A0015090012	460	420	220	370	395	233	39	109	274	137	103	53	337	67	134
22	A0015090022	460	620	220	570	595	233	39	109	274	137	103	53	337	67	134
32	A0015090032	460	820	220	770	795	233	39	109	274	137	103	53	337	67	134
42	A0015090042	460	820	220	770	795	233	39	109	274	137	103	53	337	67	134
52	A0015090052	460	1.020	220	970	995	233	39	109	274	137	103	53	337	67	134
62	A0015090062	460	1.020	220	970	995	233	39	109	274	137	103	53	337	67	134
72	A0015090072	565	1.020	220	970	995	253	41	107	268	253	101	52	374	124	119
82	A0015090082	565	1.220	220	1.170	1.195	253	41	107	268	253	101	52	374	124	119
92	A0015090092	565	1.220	220	1.170	1.195	253	41	107	268	253	101	52	374	124	119
102	A0015090102	585	1.385	252	1.335	1.362	-	-	-	-	-	-	-	-	-	139
112	A0015090112	585	1.685	252	1.635	1.662	-	-	-	-	-	-	-	-	-	139
122	A0015090122	585	1.685	252	1.635	1.662	-	-	-	-	-	-	-	-	-	139

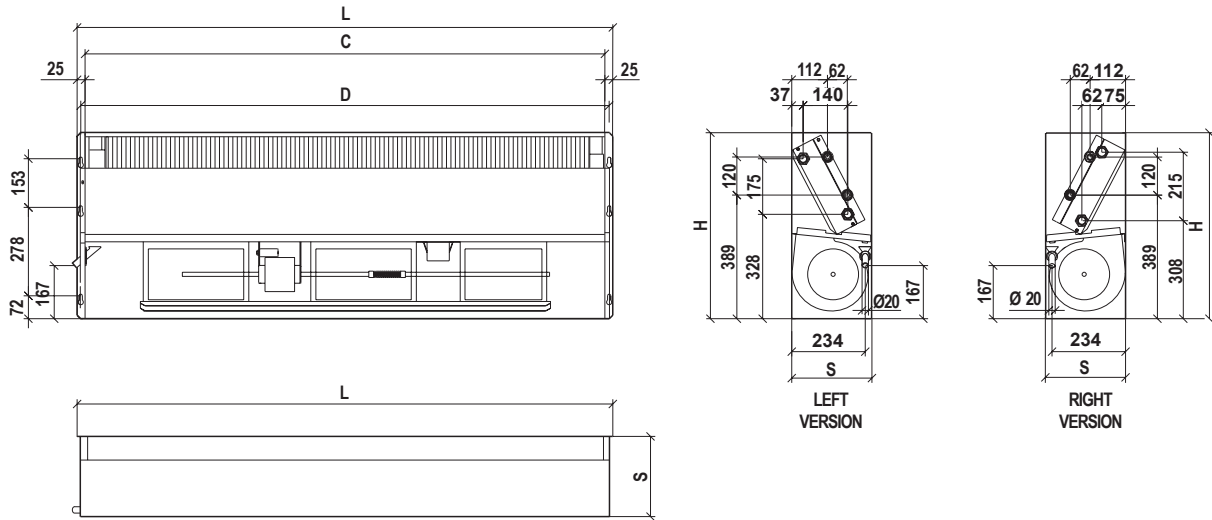
GENERAL DIMENSIONS

VERSION 7 - Vertical recessed models (frontal air discharge)

VCE 17-97



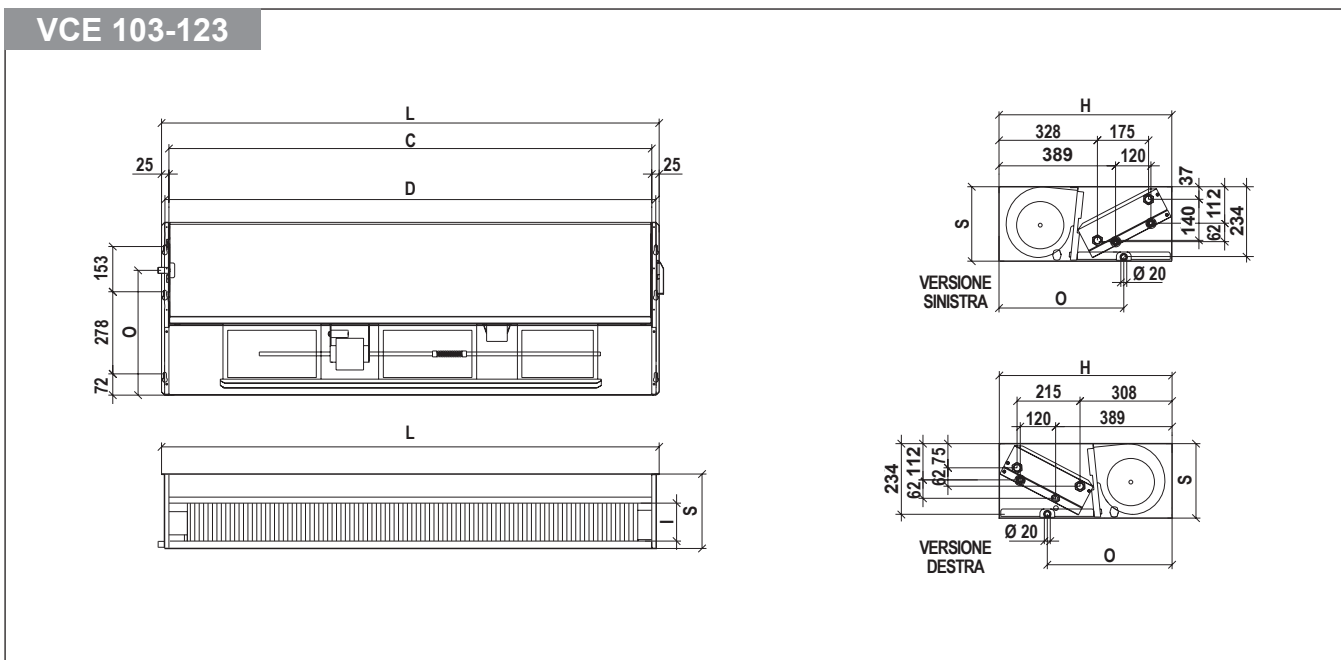
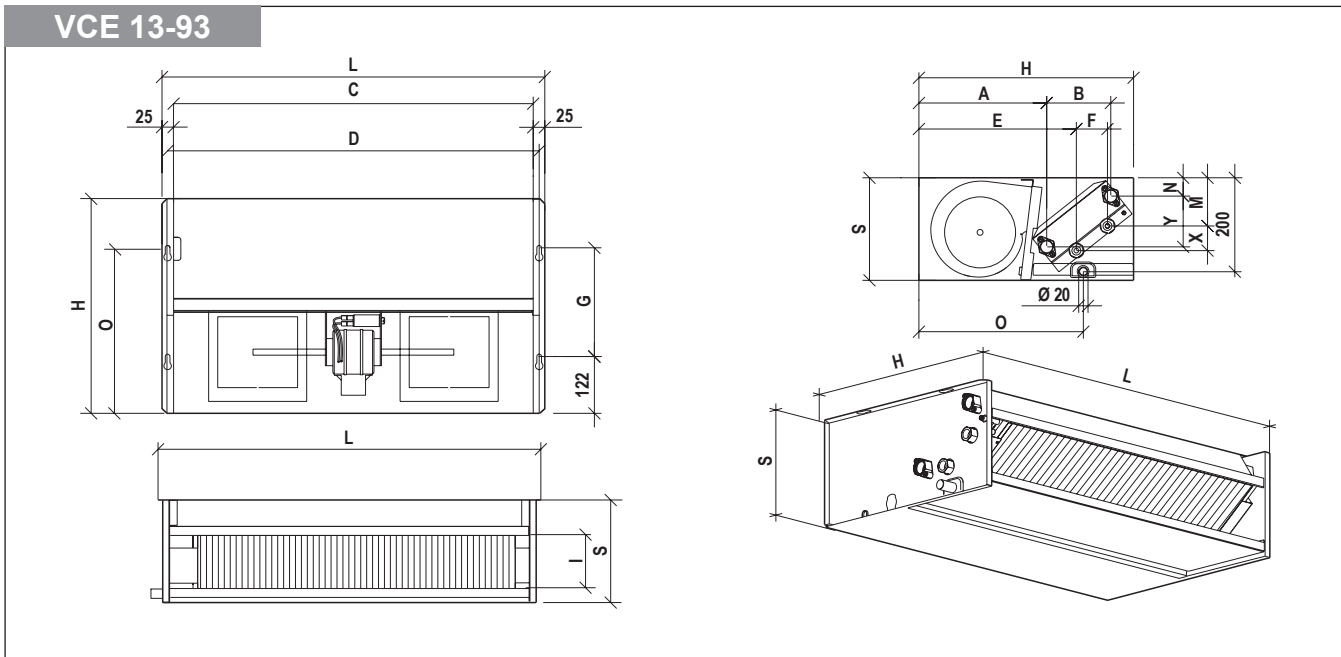
VCE 107-127



MOD.	CODE	Dimensions			Air Hole Width	Distance between slots			Standard coil				Auxiliary coil			
		H	L	S		C	D	G	N	Y	A	B	M	X	E	F
17	A0015090017	460	420	220	370	395	233	39	109	274	137	103	53	337	67	
27	A0015090027	460	620	220	570	595	233	39	109	274	137	103	53	337	67	
37	A0015090037	460	820	220	770	795	233	39	109	274	137	103	53	337	67	
47	A0015090047	460	820	220	770	795	233	39	109	274	137	103	53	337	67	
57	A0015090057	460	1.020	220	970	995	233	39	109	274	137	103	53	337	67	
67	A0015090067	460	1.020	220	970	995	233	39	109	274	137	103	53	337	67	
77	A0015090077	565	1.020	220	970	995	253	41	107	268	253	101	52	374	124	
87	A0015090087	565	1.220	220	1.170	1.195	253	41	107	268	253	101	52	374	124	
97	A0015090097	565	1.220	220	1.170	1.195	253	41	107	268	253	101	52	374	124	
107	A0015090107	585	1.385	252	1.335	1.362	-	-	-	-	-	-	-	-	-	
117	A0015090117	585	1.685	252	1.635	1.662	-	-	-	-	-	-	-	-	-	
127	A0015090127	585	1.685	252	1.635	1.662	-	-	-	-	-	-	-	-	-	

GENERAL DIMENSIONS

VERSION 3 - Horizontal ceiling recessed models (top air discharge)



02_04_01_02_EN

MOD.	CODE	Dimensions			Air Hole Width	Distance between slots			Standard coil				Auxiliary coil				Grilles	Conden. fitting
		H	L	S		C	D	G	N	Y	A	B	M	X	E	F		
13	A0015090013	460	420	220	370	395	233	39	109	274	137	103	53	337	67	122	352	
23	A0015090023	460	620	220	570	595	233	39	109	274	137	103	53	337	67	122	352	
33	A0015090033	460	820	220	770	795	233	39	109	274	137	103	53	337	67	122	352	
43	A0015090043	460	820	220	770	795	233	39	109	274	137	103	53	337	67	122	352	
53	A0015090053	460	1.020	220	970	995	233	39	109	274	137	103	53	337	67	122	352	
63	A0015090063	460	1.020	220	970	995	233	39	109	274	137	103	53	337	67	122	352	
73	A0015090073	565	1.020	220	970	995	253	41	107	268	253	101	52	374	124	108	402	
83	A0015090083	565	1.220	220	1.170	1.195	253	41	107	268	253	101	52	374	124	108	402	
93	A0015090093	565	1.220	220	1.170	1.195	253	41	107	268	253	101	52	374	124	108	402	
103	A0015090103	585	1.385	252	1.335	1.362	-	-	-	-	-	-	-	-	-	125	422	
113	A0015090113	585	1.685	252	1.635	1.662	-	-	-	-	-	-	-	-	-	125	422	
123	A0015090123	585	1.685	252	1.635	1.662	-	-	-	-	-	-	-	-	-	125	422	



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VALVES

ON/OFF 2-WAY VALVE KIT

On/Off 2-way solenoid valves with bypass (2 fittings) are available.

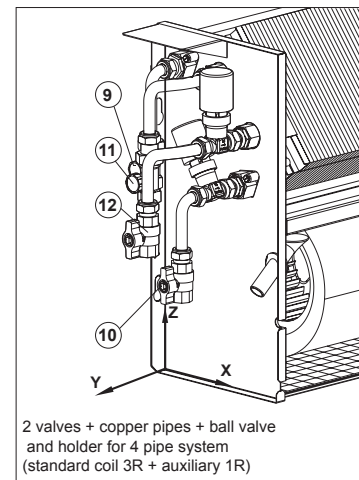
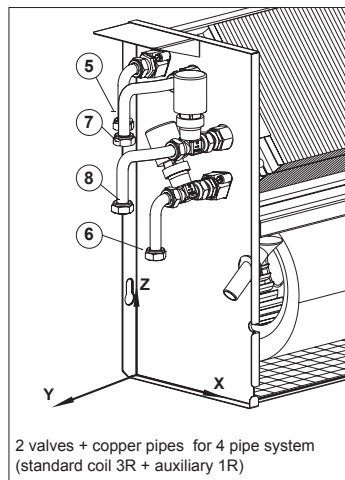
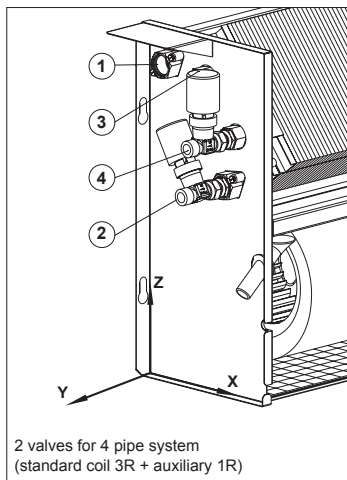
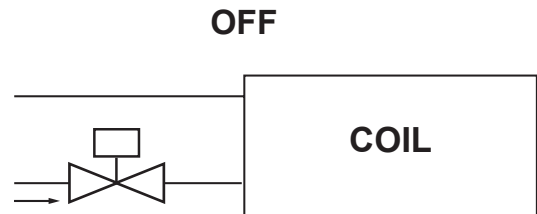
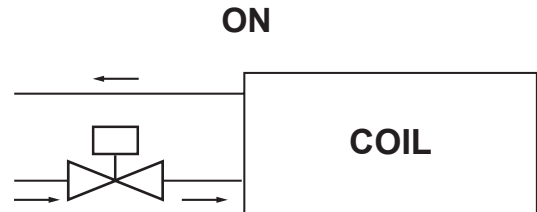
The valve body is in brass; an on/off electrothermal actuator (power supply 230Vac) controls the membrane. When there is no power supply the valve is closed. The electrothermal actuator is silent during operation. The kit comprises valve body, electrothermal actuator, flared copper pipes, ring nuts and gaskets for fixing to the fan coil.

The valve kit is already installed on the fan coil complete with the water and electrical connections necessary for operation.

The fan coil model and the coil (standard or auxiliary) to which the kit refers must be specified at the time of ordering.

Technical data:

Action	ON/OFF
Power supply	0 +60 Hz 24 - 230 VAC/DC (+10%/-15%)
Steady state power consumption	2,5 W
Initial opening time (NC) or closing time (NA) (power ON)	230V 90 s
Final opening time (NC) or closing time (NA) (power ON)	3 min
Initial opening time (NC) or closing time (NA) (power ON)	24V 3 min
Final opening time (NC) or closing time (NA) (power ON)	5 min
Actuator stroke	max 3.5 mm
Valve stroke	2.5 mm
Protection level	IP44
Limit room temperature	0 a 50 °C
Limit storage temperature	-25 a 60 °C no condensation
Valve fluid max temperature	Max 110 °C
Nominal thrust (power OFF) (NC)	140 N (±10%)
Nominal thrust (power OFF) (NA)	80 N (±10%)



Coil	Ref.	VCE 10-60				VCE 70-90			
		X	Y	Z	Ø	X	Y	Z	Ø
Standard	1	40	10	18	3/4" F	39	411	25	3/4" F
	2	143	277	90	1/2" M	145	273	110	3/4" M
Auxiliary	3	113	405	10	1/2" F	103	404	25	1/2" F
	4	115	333	83	1/2" M	155	373	95	3/4" M
Standard	5	40	343	55	1/2" F	38	483	55	3/4" F
	6	145	213	120	1/2" F	150	235	132	3/4" F
Auxiliary	7	30	315	50	1/2" F	30	400	62	3/4" F
	8	80	245	105	1/2" F	77	277	122	3/4" F
Standard	9	40	260	55	1/2" F	38	388	55	3/4" F
	10	145	152	120	1/2" F	150	175	132	3/4" F
Auxiliary	11	30	233	50	1/2" F	30	305	62	3/4" F
	12	80	185	105	1/2" F	77	220	122	3/4" F

Coil	Ref.	VCE 100-120 LEFT SIDE				VCE 100-120 RIGHT SIDE			
		X	Y	Z	Ø	X	Y	Z	Ø
Standard	1	34	503	4	3/4" M	75	523	9	3/4" M
	2	175	328	126	3/4" M	137	308	130	3/4" M
Auxiliary	3	110	508	4	1/2" M	100	508	4	1/2" M
	4	173	388	91	1/2" M	174	388	126	1/2" M
Standard	5	34	471	149	3/4" F	32	484	150	3/4" F
	6	175	286	149	3/4" F	137	258	153	3/4" F
Auxiliary	7	98	476	149	3/4" F	96	469	150	3/4" F
	8	134	304	156	3/4" F	124	339	150	3/4" F
Standard	9	36	355	149	1" F	32	377	150	1" F
	10	176	187	149	1" F	137	167	153	1" F
Auxiliary	11	100	381	149	3/4" F	96	381	150	3/4" F
	12	136	249	156	3/4" F	174	292	150	3/4" F

F = female gas fittings | M = male gas fittings

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VALVES

ON/OFF 3-WAY VALVE KIT

On/Off 3-way solenoid valves with bypass (4 fittings) are available.

The valve body is in brass; an on/off electrothermal actuator (power supply 230Vac) controls the membrane. When there is no power supply the valve is closed.

The electrothermal actuator is silent during operation.

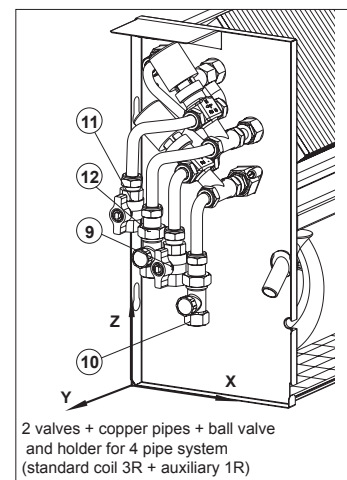
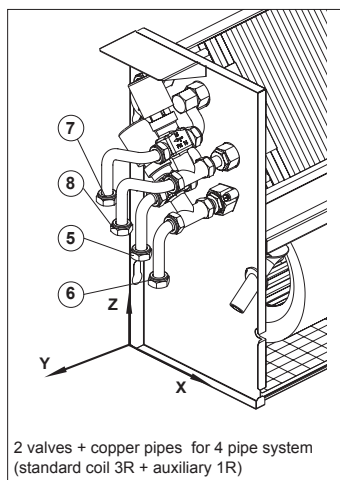
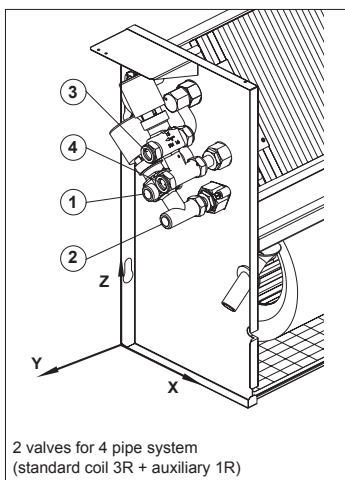
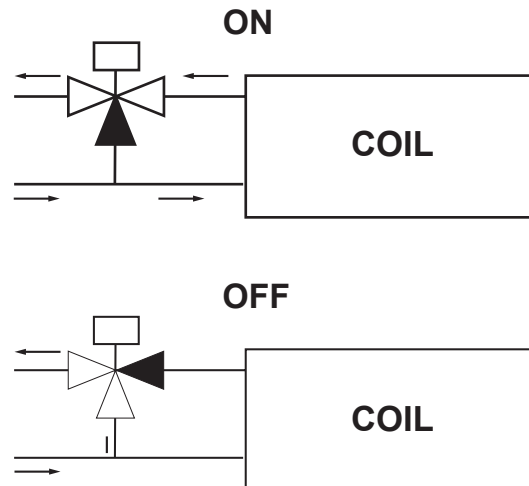
The kit comprises valve body, electrothermal actuator, flared copper pipes, ring nuts and gaskets for fixing to the fan coil.

The valve kit is already installed on the fan coil complete with the water and electrical connections necessary for operation.

The fan coil model and the coil (standard or auxiliary) to which the kit refers must be specified at the time of ordering.

Technical data:

Action	Proportional (0...10 V)
Power supply	50/60 Hz 24Vac ±15%
Steady state power consumption	2W
Stroke time	15 sec/mm
Maximum stroke	4 mm
Protection level	IP 40
Limit room temperature	0 a 50 °C
Limit storage temperature	-25 a 65 °C no condensation
Valve fluid max temperature	95 °C
Nominal thrust	120 N (+30%)



		VCE 10-60				VCE 70-90				VCE 100-120 LEFT SIDE				VCE 100-120 RIGHT SIDE					
Batteria	Rif.	X	Y	Z	Ø	X	Y	Z	Ø	Coil	Rif.	X	Y	Z	Ø	X	Y	Z	Ø
Standard	1	115	295	90	1/2" M	110	293	110	3/4" M	Standard	1	85	376	125	3/4" M	71	385	124	3/4" M
	2	147	270	90	1/2" M	145	273	110	3/4" M		2	174	328	125	3/4" M	135	307	124	3/4" M
Ausiliaria	3	130	370	92	1/2" M	120	398	115	3/4" M	Auxiliary	3	140	413	106	1/2" M	139	412	106	1/2" M
	4	155	335	92	1/2" M	153	375	115	3/4" M		4	173	388	106	1/2" M	171	387	106	1/2" M
Standard	5	115	225	110	1/2" F	110	255	133	3/4" F	Standard	5	16	274	146	3/4" F	30	263	158	3/4" F
	6	147	200	110	1/2" F	145	235	133	3/4" F		6	176	285	146	3/4" F	137	265	145	3/4" F
Ausiliaria	7	57	278	120	1/2" F	40	302	145	3/4" F	Auxiliary	7	95	298	171	3/4" F	87	330	158	3/4" F
	8	85	250	120	1/2" F	82	277	145	3/4" F		8	135	303	171	3/4" F	173	345	156	3/4" F
Standard	9	115	165	110	1/2" F	110	162	133	3/4" F	Standard	9	16	160	146	1" F	30	148	158	1" F
	10	147	122	110	1/2" F	145	178	133	3/4" F		10	176	187	146	1" F	137	167	145	1" F
Ausiliaria	11	55	220	117	1/2" F	40	205	145	3/4" F	Auxiliary	11	95	244	171	3/4" F	87	235	158	3/4" F
	12	87	167	117	1/2" F	82	220	145	3/4" F		12	135	209	171	3/4" F	173	291	156	3/4" F

F = female gas fittings | M = male gas fittings

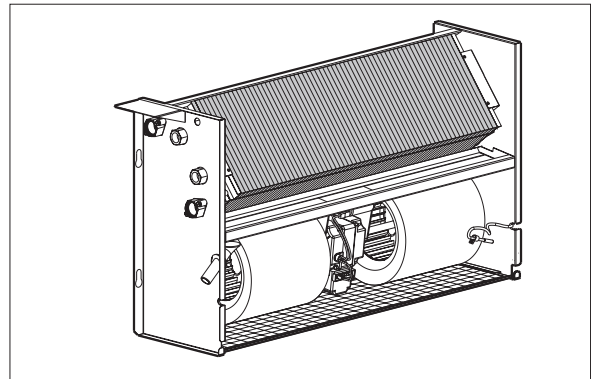
ACCESSORIES

SINGLE ROW AUXILIARY COIL

This is used in 4-pipe systems, which comprise 2 independent water circuits: one for cooling and the other for heating. In this case the auxiliary coil is used for heating. The constructional characteristics are similar to those of the main coil with brass inlet/outlet headers and air valves. The fittings have a diameter of 1/2" with internal GAS thread.

The fan coil model in which the auxiliary coil is to be installed must be specified at the time of ordering.

	MOD.	CODE	Technical data		
	VCE 10	A0055560014	4R - 4C	PC 1100 W	PH 1640 W
	VCE 20	A0055560015	4R - 4C	PC 1920 W	PH 2770 W
	VCE 30	A0055560016	4R - 4C	PC 3010 W	PH 3600 W
	VCE 40	A0055560017	4R - 4C	PC 3150 W	PH 4030 W
	VCE 50	A0055560018	4R - 4C	PC 4530 W	PH 5360 W
	VCE 60	A0055560019	4R - 4C	PC 4910 W	PH 5700 W
	VCE 70	A0055560020	4R - 4C	PC 5700 W	PH 6690 W
	VCE 80	A0055560021	4R - 8C	PC 7160 W	PH 8510 W
	VCE 90	A0055560022	4R - 8C	PC 7170 W	PH 8300 W
	VCE 100	A0055560023	4R - 6C	PC 10120 W	PH 12350 W
	VCE 110	A0055560024	4R - 8C	PC 13860 W	PH 17110 W
	VCE 120	A0055560025	4R - 8C	PC 14430 W	PH 17700 W
	VCE 20	A0055560027	3R - 2C	PC 3180 W	
	VCE 40	A0055560235	3R - 3C	PC 4260 W	
	VCE 60	A0055560236	3R - 3C	PC 6200 W	
	VCE 70	A0055560030	3R - 4C	PC 7290 W	
	VCE 90	A0055560237	3R - 6C	PC 9300 W	
	VCE 100	A0055560032	3R - 6C	PC 12000 W	
	VCE 120	A0055560238	3R - 8C	PC 18100 W	



Technical data:

- Maximum fan speed; indicated water flow rate; inflowing water temperature at 65/55°C;
heat drop of 10°C; inflowing air temperature at 20°C.

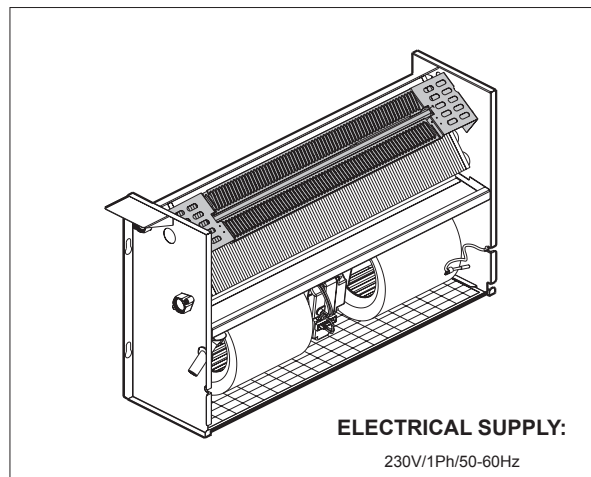
ELECTRIC HEATER

The heating element kit is used during heating to integrate the heating power of the main coil or alternatively as the only heating element.

The power of the heating element depends on the size of the fan coil on which it is mounted; the larger the fan coil the greater the power of the heating element.

The kit comprises the heating element with aluminium heatsink, safety thermostat, control relay and relative wiring and is already built into the fan coil complete with all electrical connections.

	MOD.	CODE	Technical data		
	VCE 1x	A0055550045	600 W	230V/1Ph/50-60Hz	
	VCE 2x	A0055550046	1000 W	230V/1Ph/50-60Hz	
	VCE 3x-4x	A0055550047	1000 W	230V/1Ph/50-60Hz	
	VCE 5x-6x	A0055550048	2000 W	230V/1Ph/50-60Hz	
	VCE 7x	A0055550049	2000 W	230V/1Ph/50-60Hz	
	VCE 8x-9x	A0055550050	3000 W	230V/1Ph/50-60Hz	
	VCE 10x	A0055550051	3000 W	230V/1Ph/50-60Hz	
	VCE 11x-12x	A0055550052	3000 W	230V/1Ph/50-60Hz	
		VCE 1x	A0055550053	600 W	230V/1Ph/50-60Hz
		VCE 2x	A0055550054	1000 W	230V/1Ph/50-60Hz
		VCE 3x-4x	A0055550055	1000 W	230V/1Ph/50-60Hz
		VCE 5x-6x	A0055550056	2000 W	230V/1Ph/50-60Hz
VCE 7x		A0055550057	2000 W	230V/1Ph/50-60Hz	
VCE 8x-9x		A0055550058	3000 W	230V/1Ph/50-60Hz	
VCE 10x		A0055550059	3000 W	230V/1Ph/50-60Hz	
VCE 11x-12x		A0055550060	3000 W	230V/1Ph/50-60Hz	
		VCE 1x	A0055550061	600 W	230V/1Ph/50-60Hz
		VCE 2x	A0055550062	1000 W	230V/1Ph/50-60Hz
		VCE 3x-4x	A0055550063	1000 W	230V/1Ph/50-60Hz
		VCE 5x-6x	A0055550064	2000 W	230V/1Ph/50-60Hz
	VCE 7x	A0055550065	2000 W	230V/1Ph/50-60Hz	
	VCE 8x-9x	A0055550066	3000 W	230V/1Ph/50-60Hz	
	VCE 10x	A0055550067	3000 W	230V/1Ph/50-60Hz	
	VCE 11x-12x	A0055550068	3000 W	230V/1Ph/50-60Hz	
		VCE 1x	A0055550069	600 W	230V/1Ph/50-60Hz
		VCE 2x	A0055550070	1000 W	230V/1Ph/50-60Hz
		VCE 3x-4x	A0055550071	1000 W	230V/1Ph/50-60Hz
		VCE 5x-6x	A0055550072	2000 W	230V/1Ph/50-60Hz
VCE 7x		A0055550073	2000 W	230V/1Ph/50-60Hz	
VCE 8x-9x		A0055550074	3000 W	230V/1Ph/50-60Hz	
VCE 10x		A0055550075	3000 W	230V/1Ph/50-60Hz	
VCE 11x-12x		A0055550076	3000 W	230V/1Ph/50-60Hz	



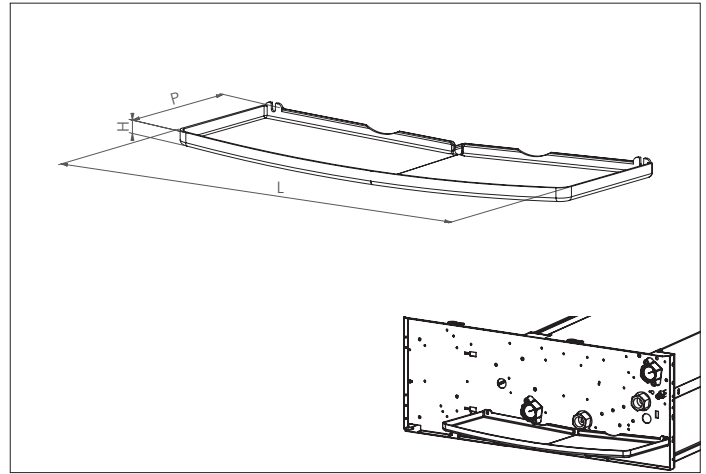
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ACCESSORIES

AUXILIARY CONDENSATE DRAIN PAN – horizontal version

The plastic auxiliary tray is used to collect condensate from the valves and the pipes connecting to the unit. It is suitable for horizontally mounted fan coils.

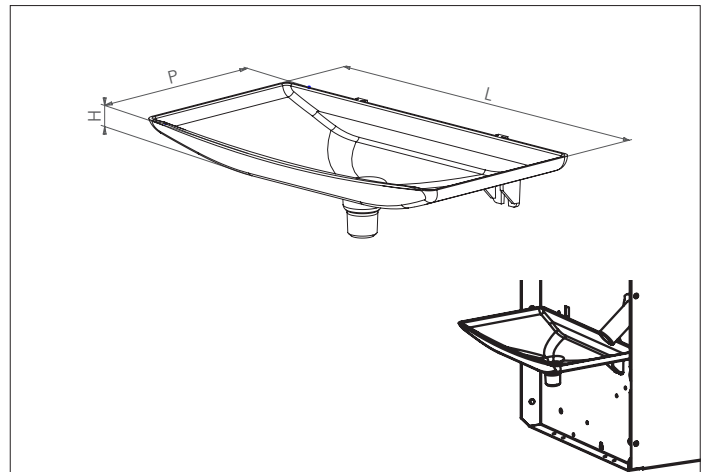
MOD.	CODE	L mm	P mm	H mm
10-120	A0055640165	155	397	13



AUXILIARY CONDENSATE DRAIN PAN – vertical version

The plastic auxiliary tray is used to collect condensate from the valves and the pipes connecting to the unit. It is suitable for vertically mounted fan coils.

MOD.	CODE	L mm	P mm	H mm
10-90	A0055640164	213	105	23
100-120	A0055640050	246	130	25

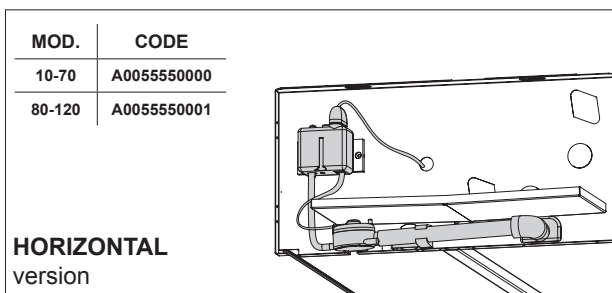


CONDENSATE DRAIN PUMP

This pump is used to eliminate the condensation that collects in the tray in installations where there is no self-emptying outlet. The pump comes with filter to withhold impurities, float with activation contact, suction pipe, pump body complete with control electronics and overheating protection, wiring.

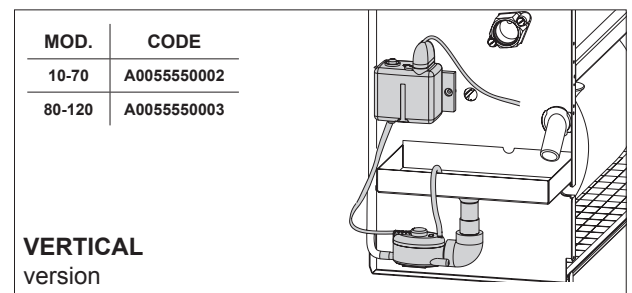
PUMP Alarm contact normally closed that automatically cuts off the air conditioning system compressor or valve, thermal protection 90° on the pump coil, electrical connection by plug (delivered with 1 m cable), rubber mounting bracket included..

AVANTAGES Small size, low noise level.



For models from VCE 1x to VCE 7x

Mains supply	230 V - 50 Hz
Flow rate	10 l/h (0 m.c.a.) 3 l/h (7 m.c.a.)



For models from VCE 8x to VCE 12x

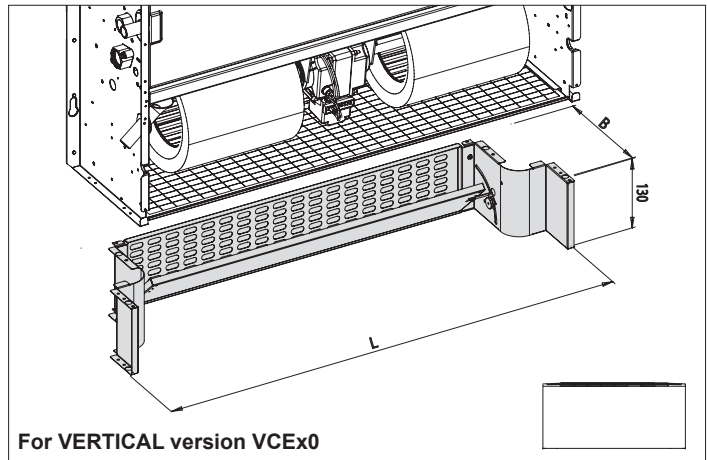
Mains supply	230 V - 50 Hz
Flow rate	10 l/h (0 m.c.a.) 3 l/h (7 m.c.a.)

ACCESSORIES

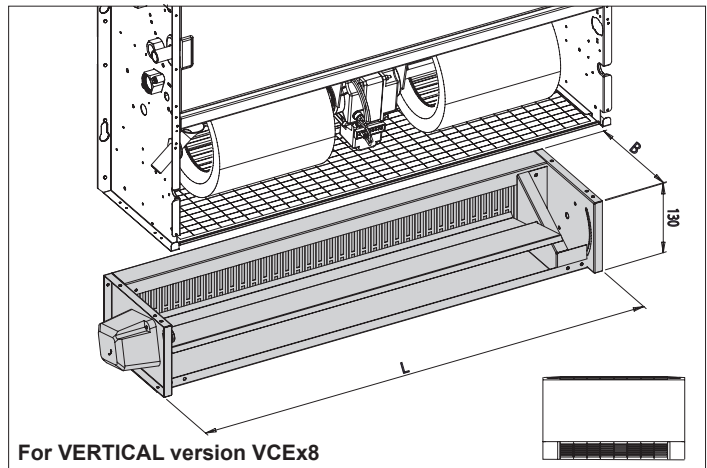
FRESH AIR LOUVER

The air lock is made in galvanised sheet metal and may be provided with manual control (placed in line with the same) or with electric servo control. It is installed at the bottom of the fan coil on the intake line. It may be installed on both the wall-mounted vertical and the ceiling-mounted horizontal versions. For correct installation, the fan coil must have a pair of feet or intake plinths. Air flow: Internal: 92% External: 8% Total: 100%

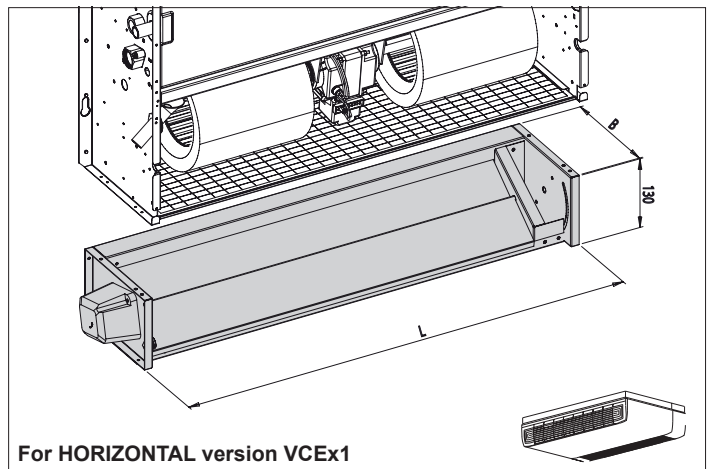
VCE x0		L	B
MOD.	CODE	mm	mm
10	A0055470001	468	210
20	A0055470002	668	210
30	A0055470003	868	210
40	A0055470003	868	210
50	A0055470004	1068	210
60	A0055470004	1068	210
70	A0055470004	1068	210
80	A0055470005	1268	210
90	A0055470005	1268	210



VCE x8		L	B
MOD.	CODE	mm	mm
18	A0055470021	397	190
28	A0055470022	597	190
38	A0055470023	597	190
48	A0055470023	797	190
58	A0055470024	997	190
68	A0055470024	997	190
78	A0055470024	997	190
88	A0055470025	1197	190
98	A0055470025	1197	190



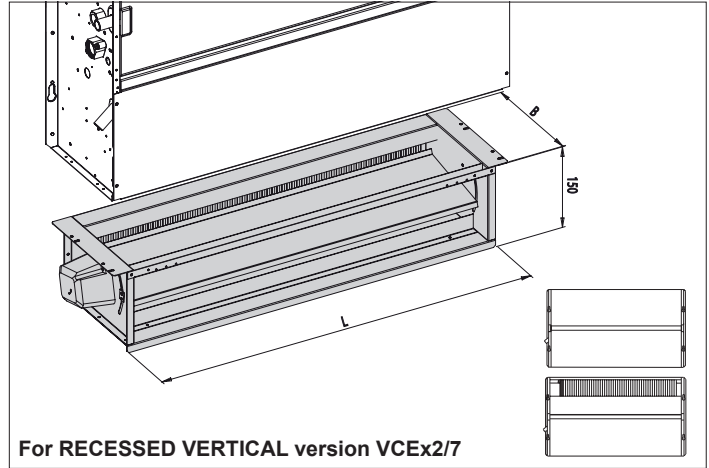
VCE x1		L	B
MOD.	CODE	mm	mm
11	A0055470028	399	190
21	A0055470029	599	190
31	A0055470030	799	190
41	A0055470030	799	190
51	A0055470031	999	190
61	A0055470031	999	190
71	A0055470031	999	190
81	A0055470032	1199	190
91	A0055470032	1199	190



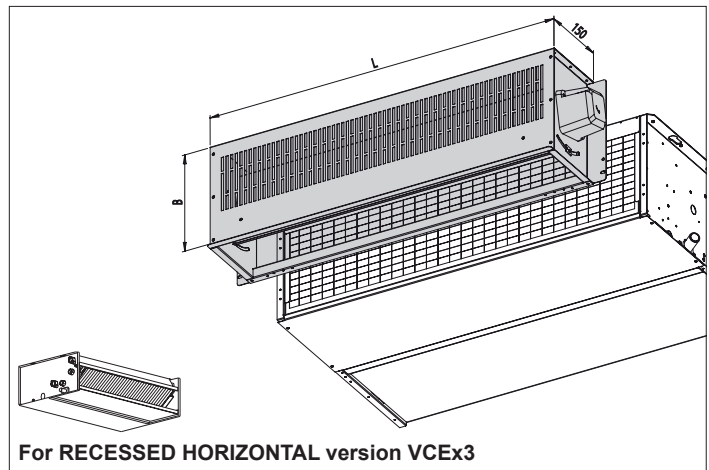
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ACCESSORIES

VCE x2/7		L	B
MOD.	CODE	mm	mm
12/7	A0055470039	397	220
22/7	A0055470040	597	220
32/7	A0055470041	797	220
42/7	A0055470041	797	220
52/7	A0055470042	997	220
62/7	A0055470042	997	220
72/7	A0055470042	997	220
82/7	A0055470043	1197	220
92/7	A0055470043	1197	220



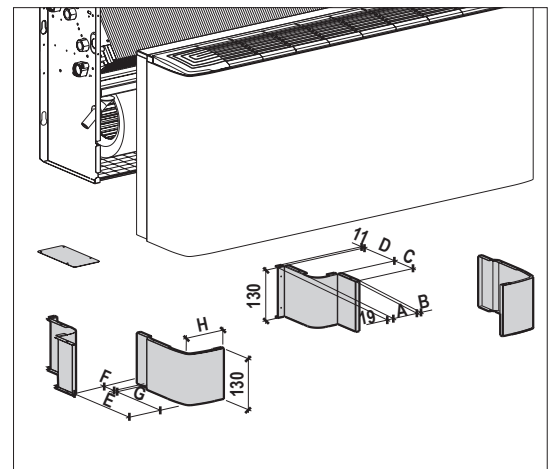
VCE x3		L	B
MOD.	CODE	mm	mm
13	A0055470046	397	220
23	A0055470047	597	220
33	A0055470048	797	220
43	A0055470048	797	220
53	A0055470049	997	220
63	A0055470049	997	220
73	A0055470049	997	220
83	A0055470050	1197	220
93	A0055470050	1197	220



PAINTED FEET

Pair of feet in pre-painted sheet metal designed to support the fan coil for floor-standing installation.

MOD.	CODE	A	B	C	D	E	F	G	H
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
10	A0055490004	68	10	75	125	225	45	170	110
20	A0055490004	68	10	75	125	225	45	170	110
30	A0055490004	68	10	75	125	225	45	170	110
40	A0055490004	68	10	75	125	225	45	170	110
50	A0055490004	68	10	75	125	225	45	170	110
60	A0055490004	68	10	75	125	225	45	170	110
70	A0055490004	68	10	75	125	225	45	170	110
80	A0055490004	68	10	75	125	225	45	170	110
90	A0055490004	68	10	75	125	225	45	170	110
100	A0055490005	110	14	100	129	256	-	-	112
110	A0055490005	110	14	100	129	256	-	-	112
120	A0055490005	110	14	100	129	256	-	-	112

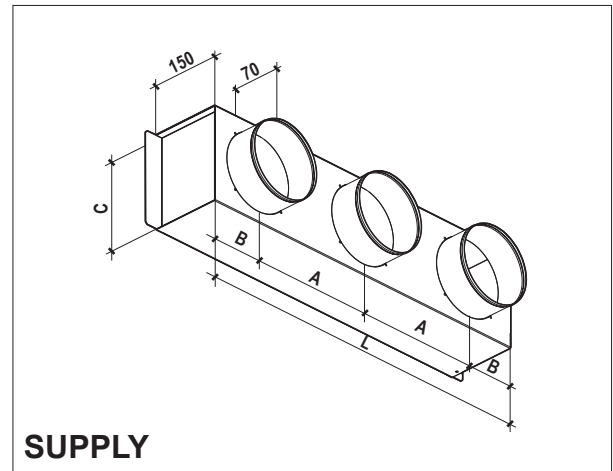


ACCESSORIES

**OUTLET UNIONS AND INLET UNIONS (WITH AIR FILTER)
WITH CIRCULAR FITTINGS**

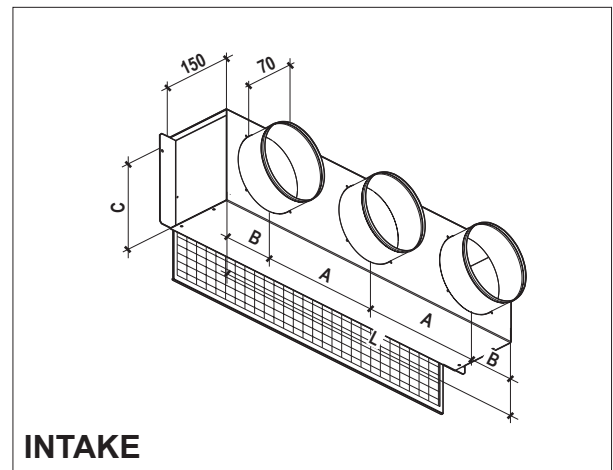
The painted, galvanised sheet metal plenum with circular fittings is used to convey the air with vertical or horizontal built-in fan coil installation. The air filter may be easily drawn out for inspection or cleaning.

SUPPLY		A	B	C	L	N.xØ
MOD.	CODE	mm	mm	mm	mm	n
10	A0055500024	-	171,5	195	343	1x160
20	A0055500025	327	108	195	543	2x160
30	A0055500026	263,5	108	195	743	3x160
40	A0055500026	263,5	108	195	743	3x160
50	A0055500027	242,5	108	195	943	4x160
60	A0055500027	242,5	108	195	943	4x160
70	A0055500027	242,5	108	195	943	4x160
80	A0055500028	309	108	195	1.143	4x160
90	A0055500028	309	108	195	1.143	4x160
100	A0055500029	350	157,5	240	1.365	4x200
110	A0055500030	324,3	164	240	1.665	5x200
120	A0055500030	324,3	164	240	1.665	5x200



SUPPLY

INTAKE		A	B	C	L	N.xØ
MOD.	CODE	mm	mm	mm	mm	n
10	A0055500045	-	171,5	195	343	1x160
20	A0055500046	327	108	195	543	2x160
30	A0055500047	263,5	108	195	743	3x160
40	A0055500047	263,5	108	195	743	3x160
50	A0055500048	242,5	108	195	943	4x160
60	A0055500048	242,5	108	195	943	4x160
70	A0055500048	242,5	108	195	943	4x160
80	A0055500049	309	108	195	1.143	4x160
90	A0055500049	309	108	195	1.143	4x160
100	A0055500050	350	157,5	240	1.365	4x200
110	A0055500051	324,3	164	240	1.665	5x200
120	A0055500051	324,3	164	240	1.665	5x200

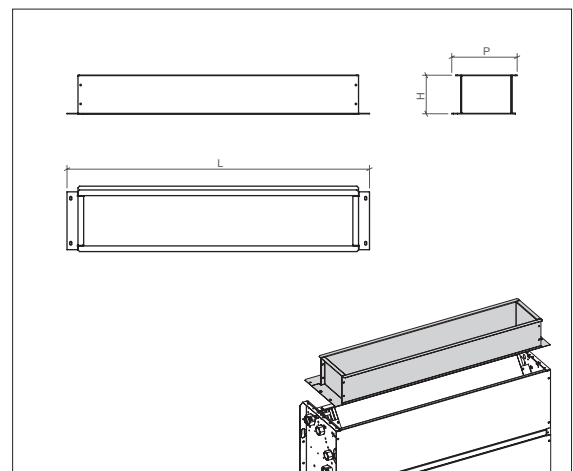


INTAKE

STRAIGHT SUPPLY PLENUM

In galvanised sheet metal, it is used to convey air with vertical or horizontal built-in fan coil installation.

MOD.	CODE	L	P	H
		mm	mm	mm
10	A0055500010	400	173	102
20	A0055500011	600	173	102
30	A0055500012	800	173	102
40	A0055500012	800	173	102
50	A0055500013	1000	173	102
60	A0055500013	1000	173	102
70	A0055500013	1000	173	102
80	A0055500014	1200	173	102
90	A0055500014	1200	173	102
100	A0055500015	1365	179	102
110	A0055500016	1665	179	102
120	A0055500016	1665	179	102



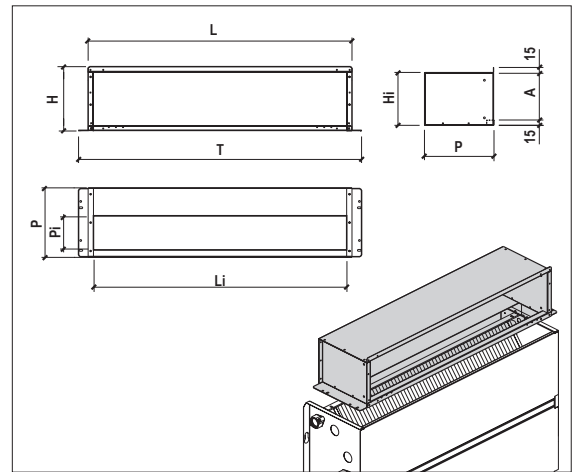
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ACCESSORIES

90° SUPPLY PLENUM (INSULATED)

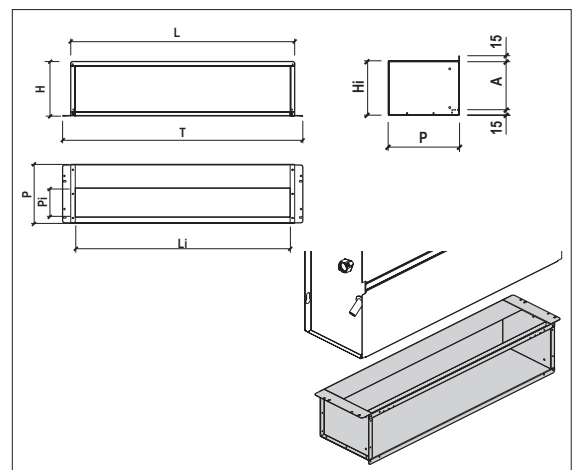
In galvanised sheet metal, it is used to convey air with vertical or horizontal built-in fan coil installation.

MOD.	CODE	L mm	Li mm	T mm	P mm	Pi mm	H mm	Hi mm	A mm
10	A0055500017	343	313	397	195	95	165	150	135
20	A0055490018	543	513	597	195	95	165	150	135
30	A0055490019	743	713	797	195	95	165	150	135
40	A0055490019	743	713	797	195	95	165	150	135
50	A0055490020	943	913	997	195	95	165	150	135
60	A0055490020	943	913	997	195	95	165	150	135
70	A0055490020	943	913	997	195	95	165	150	135
80	A0055490021	1.143	1.113	1.197	195	95	165	150	135
90	A0055490021	1.143	1.113	1.197	195	95	165	150	135
100	A0055490022	1.365	1.335	*	231	130	178	164	148
110	A0055490023	1.665	1.635	*	231	130	178	164	148
120	A0055490023	1.665	1.635	*	231	130	178	164	148



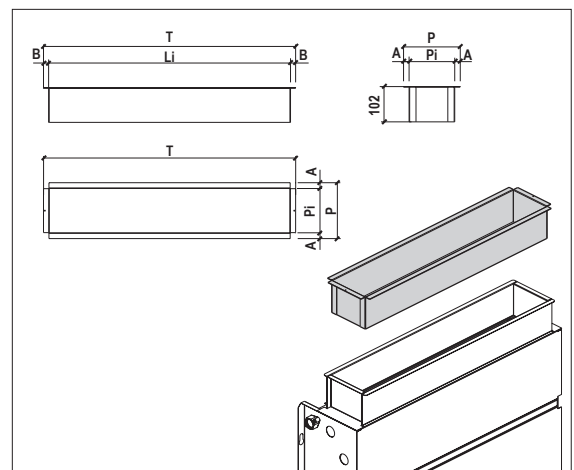
90° INTAKE PLENUM

MOD.	CODE	L mm	Li mm	T mm	P mm	Pi mm	H mm	Hi mm	A mm
10	A0055500038	343	313	397	195	95	165	150	135
20	A0055490039	543	513	597	195	95	165	150	135
30	A0055490040	743	713	797	195	95	165	150	135
40	A0055490040	743	713	797	195	95	165	150	135
50	A0055490041	943	913	997	195	95	165	150	135
60	A0055490041	943	913	997	195	95	165	150	135
70	A0055490041	943	913	997	195	95	165	150	135
80	A0055490042	1.143	1.113	1.197	195	95	165	150	135
90	A0055490042	1.143	1.113	1.197	195	95	165	150	135
100	A0055490043	1.365	1.335	*	231	130	178	164	148
110	A0055490044	1.665	1.635	*	231	130	178	164	148
120	A0055490044	1.665	1.635	*	231	130	178	164	148



TELESCOPIC EXTENSION FOR STRAIGHT AND 90° PLENUMS

MOD.	CODE	Li mm	T mm	P mm	Pi mm	A mm	B mm
10	A0055500031	307	327	149	129	10	10
20	A0055490032	507	527	149	129	10	10
30	A0055490033	707	727	149	129	10	10
40	A0055490033	707	727	149	129	10	10
50	A0055490034	907	927	149	129	10	10
60	A0055490034	907	927	149	129	10	10
70	A0055490034	907	927	149	129	10	10
80	A0055490035	1.107	1.127	149	129	10	10
90	A0055490035	1.107	1.127	149	129	10	10
100	A0055490036	1.328	1.364	179	147	16	18
110	A0055490037	1.628	1.664	179	147	16	18
120	A0055490037	1.628	1.664	179	147	16	18

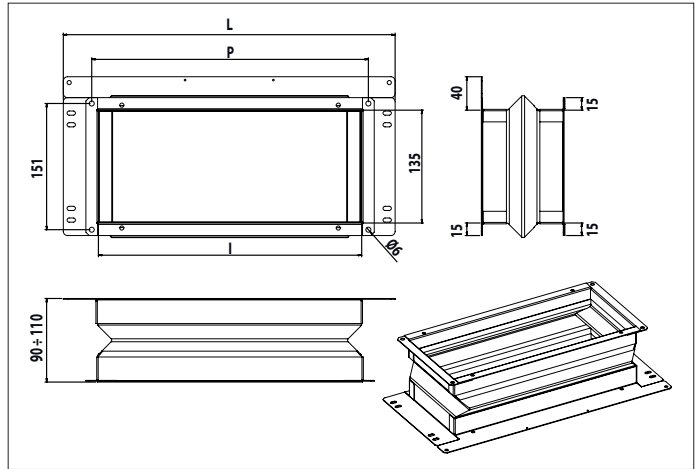


ACCESSORIES

ANTI-VIBRATING JOINT

Made of galvanized steel with double silicon fabric (for high temperatures). It is suitable to connect fancoils to straight and 90° plenums in order to reduce noise and/or vibrations.

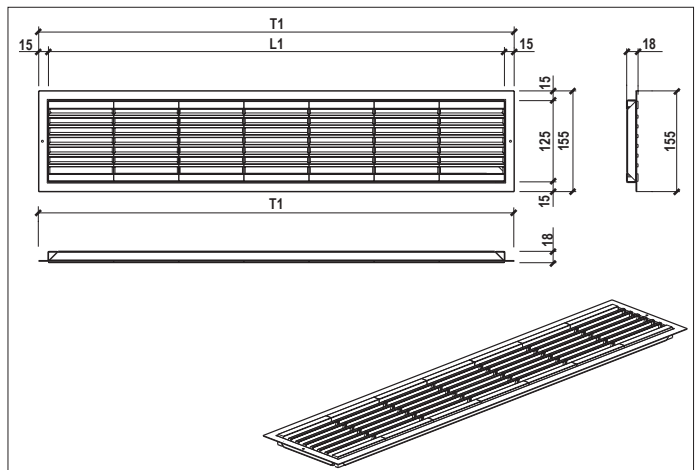
MOD.	CODE	L mm	P mm	I mm
10	A0055500145	397	331	315
20	A0055500146	597	531	515
30	A0055500147	797	731	715
40	A0055500147	797	731	715
50	A0055500148	997	931	915
60	A0055500148	997	931	915
70	A0055500148	997	931	915
80	A0055500149	1197	1131	1115
90	A0055500149	1197	1131	1115
100	A0055500150	1365	1351	1335
110	A0055500151	1665	1651	1635
120	A0055500151	1665	1651	1635



OUTLET LOUVERS and INTAKE ABS GRILLE (with air filter)

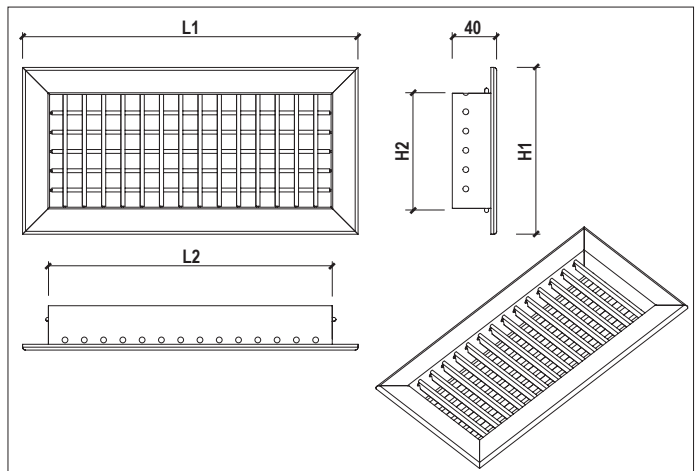
In high-strength enamelled sheet metal, they are complete with fixed louvres in thermoplastic material for the distribution/intake of air.

MOD.	SUPPLY CODE	INTAKE CODE	L1 mm	T1 mm
10	A0055520000	A0055520025	300	330
20	A0055520001	A0055520026	500	530
30	A0055520002	A0055520027	700	730
40	A0055520002	A0055520027	700	730
50	A0055520003	A0055520028	900	930
60	A0055520003	A0055520028	900	930
70	A0055520003	A0055520028	900	930
80	A0055520004	A0055520029	1.100	1.130
90	A0055520004	A0055520029	1.100	1.130
100	*	*	*	*
110	*	*	*	*
120	*	*	*	*



ALUMINIUM ADJUSTABLE SUPPLY AIR GRILL (without filter)

MOD.	CODE	L1 mm	H1 mm	L2 mm	H2 mm
10	A0055520060	348	173	295	120
20	A0055520061	548	173	495	120
30	A0055520062	748	173	695	120
40	A0055520062	748	173	695	120
50	A0055520063	948	173	895	120
60	A0055520063	948	173	895	120
70	A0055520063	948	173	895	120
80	A0055520064	1.148	173	1.095	120
90	A0055520064	1.148	173	1.095	120
100	A0055520065	1.373	180	1.320	128
110	A0055520066	1.673	180	1.620	128
120	A0055520066	1.673	180	1.620	128

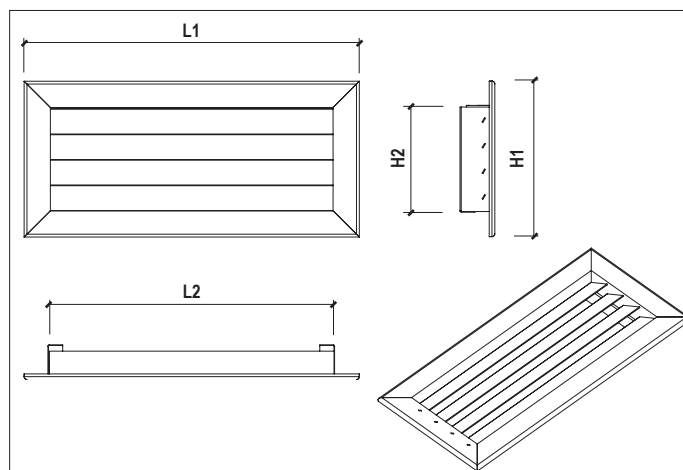


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ACCESSORIES

ALUMINIUM FIX INTAKE AIR GRILL WITH AIR FILTER

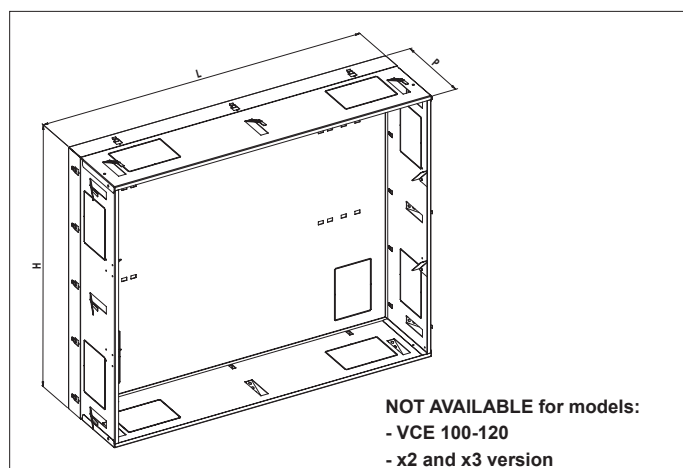
MOD.	CODE	L1 mm	H1 mm	L2 mm	H2 mm
10	A0055520046	348	173	295	120
20	A0055520047	548	173	495	120
30	A0055520048	748	173	695	120
40	A0055520048	748	173	695	120
50	A0055520049	948	173	895	120
60	A0055520049	948	173	895	120
70	A0055520049	948	173	895	120
80	A0055520050	1.148	173	1.095	120
90	A0055520050	1.148	173	1.095	120
100	A0055520051	1.368	180	1.320	125
110	A0055520052	1.668	180	1.620	125
120	A0055520052	1.668	180	1.620	125



STEEL BOX

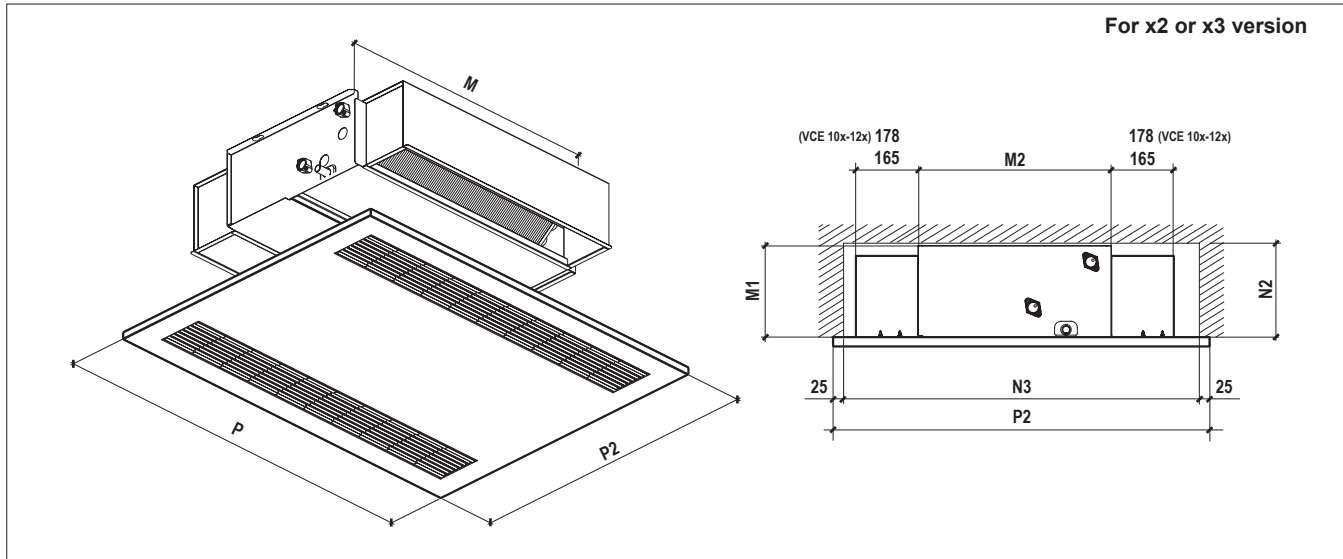
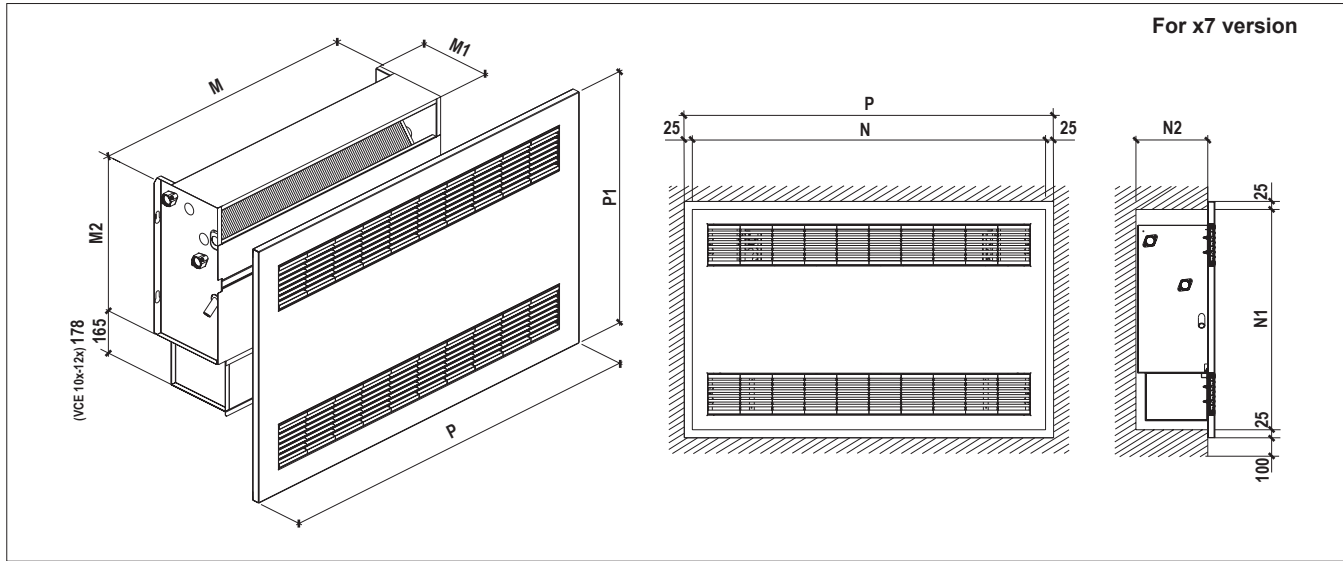
The galvanized sheet metal box is used to ease the installation of the recessed fan coil version X7 (frontal air supply) inside the niche.

MOD.	CODE	L mm	P mm	H mm
17	A0055530001	615	227	675
27	A0055530002	815	227	675
37	A0055530003	1015	227	675
47	A0055530003	1015	227	675
57	A0055530004	1215	227	675
67	A0055530004	1215	227	675
77	A0055530005	1215	227	780
87	A0055530006	1215	227	780
97	A0055530006	1415	227	780



ACCESSORIES

WHITE PRE-PAINTED STEEL PANEL



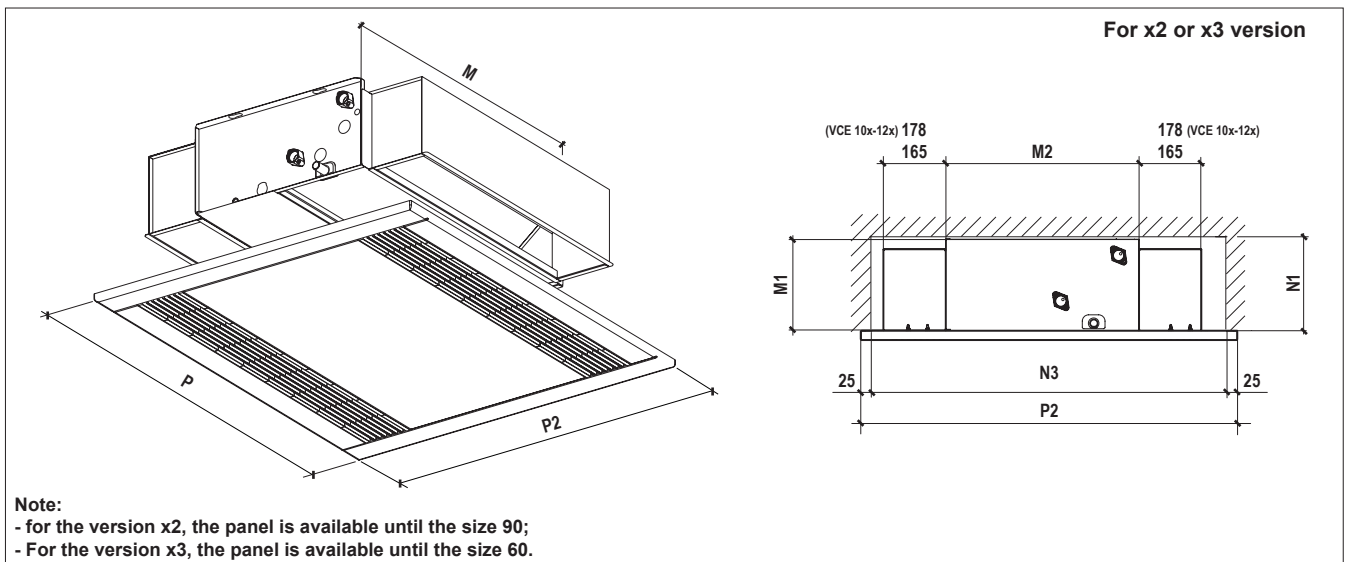
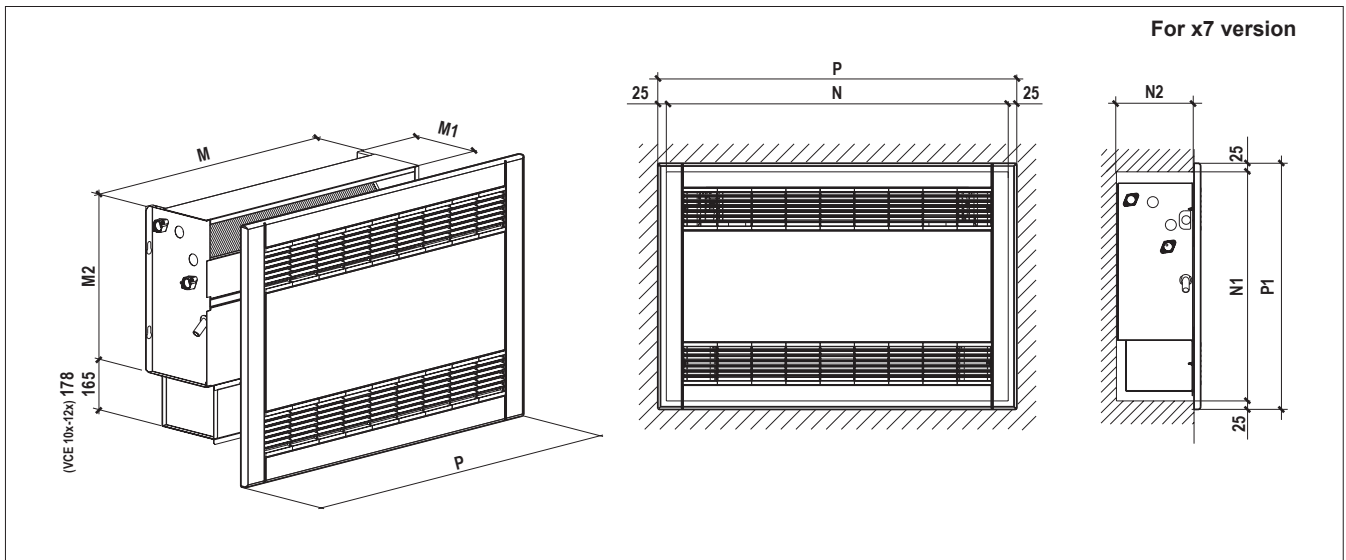
	VCE x7	VCE x2	VCE x3	N	N1	N2	N3	P	P1	P2	M	M1	M2
MOD.	CODE	CODE	CODE	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
10	A0055510156	A0055510171	A0055510171	600	685	225	845	650	735	895	420	220	460
20	A0055510157	A0055510172	A0055510172	800	685	225	845	850	735	895	620	220	460
30	A0055510158	A0055510173	A0055510173	1.000	685	225	845	1.050	735	895	820	220	460
40	A0055510158	A0055510173	A0055510173	1.000	685	225	845	1.050	735	895	820	220	460
50	A0055510159	A0055510174	A0055510174	1.200	685	225	845	1.250	735	895	1.020	220	460
60	A0055510159	A0055510174	A0055510174	1.200	685	225	845	1.250	735	895	1.020	220	460
70	A0055510160	A0055510175	A0055510175	1.200	790	225	950	1.250	840	1.000	1.020	220	565
80	A0055510161	A0055510176	A0055510176	1.400	790	225	950	1.450	840	1.000	1.220	220	565
90	A0055510161	A0055510176	A0055510176	1.400	790	225	950	1.450	840	1.000	1.220	220	565

N,, N3 MINIMUM recess size
 P,, P2 Panel length
 M,, M2 Fan coil size

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ACCESSORIES

WHITE LACQUERED WOOD PANEL



Note:
 - for the version x2, the panel is available until the size 90;
 - For the version x3, the panel is available until the size 60.

	VCE x7	VCE x2	VCE x3	N	N1	N2	N3	P	P1	P2	M	M1	M2
MOD.	CODE	CODE	CODE	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
10	A0055510187	A0055510202	A0055510202	600	670	225	830	650	720	880	420	220	460
20	A0055510188	A0055510203	A0055510203	800	670	225	830	850	720	880	620	220	460
30	A0055510189	A0055510204	A0055510204	1.000	670	225	830	1.050	720	880	820	220	460
40	A0055510189	A0055510204	A0055510204	1.000	670	225	830	1.050	720	880	820	220	460
50	A0055510190	A0055510205	A0055510205	1.200	670	225	830	1.250	720	880	1.020	220	460
60	A0055510190	A0055510205	A0055510205	1.200	670	225	830	1.250	720	880	1.020	220	460
70	A0055510191	A0055510206	A0055510206	1.200	775	225	935	1.250	825	985	1.020	220	565
80	A0055510192	A0055510207	A0055510207	1.400	775	225	935	1.450	825	985	1.220	220	565
90	A0055510192	A0055510207	A0055510207	1.400	775	225	935	1.450	825	985	1.220	220	565
100	A0055510193	*	*	1.700	807	260		1.750	857		1.380	256	585
110	A0055510194	*	*	2.000	807	260		2.050	857		1.680	256	585
120	A0055510194	*	*	2.000	807	260		2.050	857		1.680	256	585

N,, N3 MINIMUM recess size
 P,, P2 Panel lenght
 M,, M2 Fan coil size

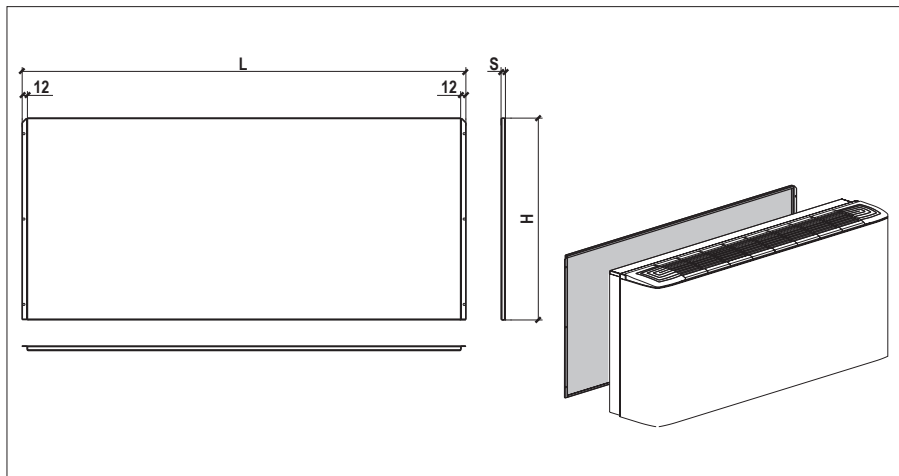
* Not available

ACCESSORIES

PRE-PAINTED BACK PANEL (FOR STANDARD CABINET)

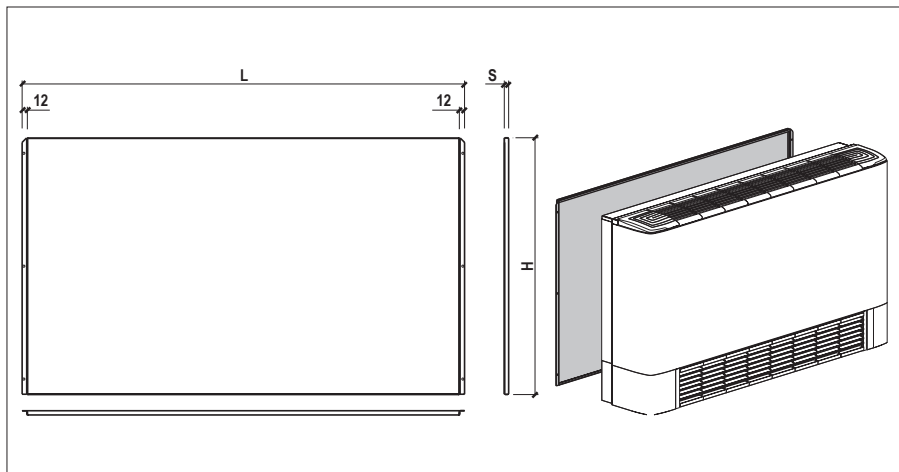
Pre-painted sheet metal panel for closing the rear part of the fan coil when exposed (for standard housing).

MOD.	CODE	L	H	S
		mm	mm	mm
10	A0055510000	637	465	10
20	A0055510001	837	465	10
30	A0055510002	1.037	465	10
40	A0055510002	1.037	465	10
50	A0055510003	1.237	465	10
60	A0055510003	1.237	465	10
70	A0055510004	1.237	570	10
80	A0055510005	1.437	570	10
90	A0055510005	1.437	570	10
100	A0055510006	1.657	600	12
110	A0055510007	1.957	600	12
120	A0055510007	1.957	600	12



PRE-PAINTED BACK PANEL (FOR VERSION x1 or x8)

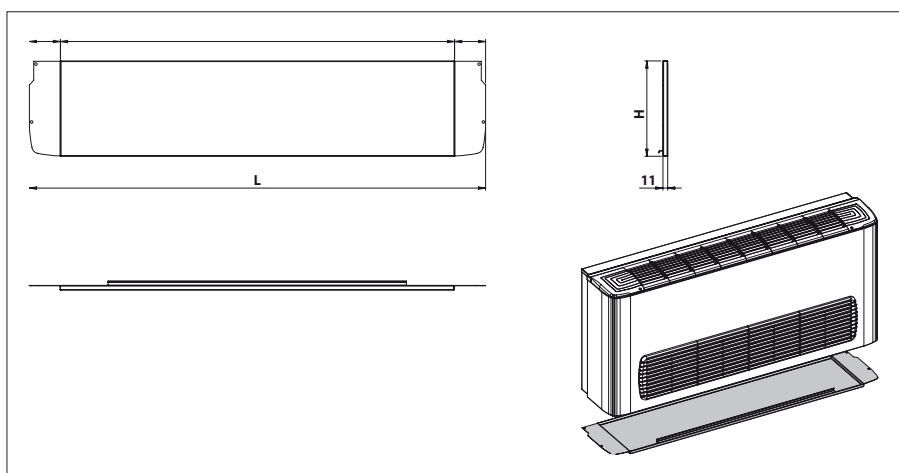
MOD.	CODE	L	H	S
		mm	mm	mm
10	A0055510064	637	595	10
20	A0055510065	837	595	10
30	A0055510066	1.037	595	10
40	A0055510066	1.037	595	10
50	A0055510067	1.237	595	10
60	A0055510067	1.237	595	10
70	A0055510068	1.237	700	10
80	A0055510069	1.437	700	10
90	A0055510069	1.437	700	10
100	A0055510070	1.657	730	12
110	A0055510071	1.957	730	12
120	A0055510071	1.957	730	12



BOTTOM PANEL WITHOUT GRILL

Painted sheet metal panel for closing the bottom part of the fan coil when exposed (for versions with front intake).

MOD.	CODE	L	H
		mm	mm
10	A0055510010	655	220
20	A0055510011	855	220
30	A0055510012	1055	220
40	A0055510012	1055	220
50	A0055510013	1255	220
60	A0055510013	1255	220
70	A0055510013	1255	220
80	A0055510014	1455	220
90	A0055510014	1455	220
100	A0055510015	1655	255
110	A0055510016	1955	255
120	A0055510016	1955	255

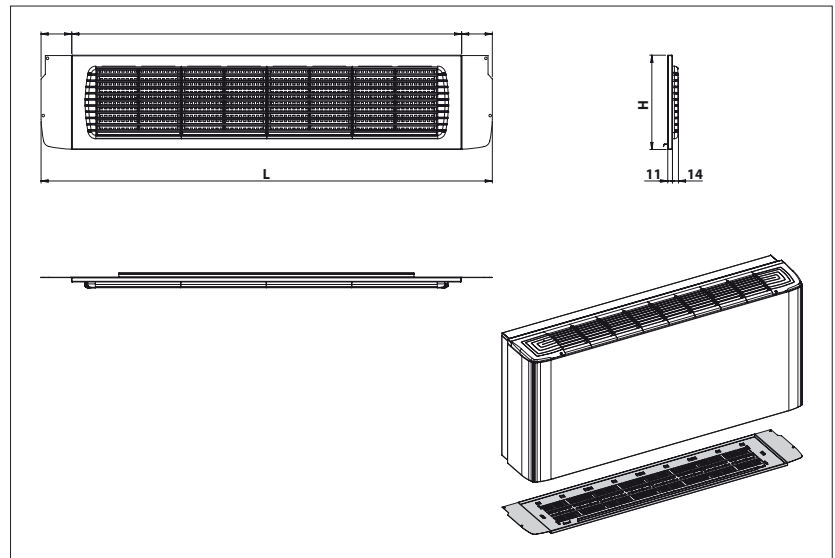


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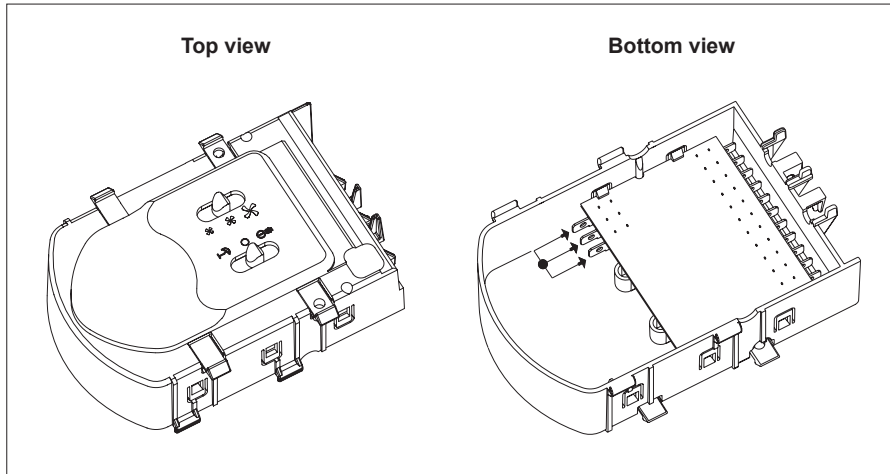
ACCESSORIES

BOTTOM PANEL WITH GRILLE AND FILTER

MOD.	CODE	L H	
		mm	mm
10	A0055510017	655	220
20	A0055510018	855	220
30	A0055510019	1055	220
40	A0055510019	1055	220
50	A0055510020	1255	220
60	A0055510020	1255	220
70	A0055510020	1255	220
80	A0055510021	1455	220
90	A0055510021	1455	220
100	A0055510022	1655	255
110	A0055510023	1955	255
120	A0055510023	1955	255



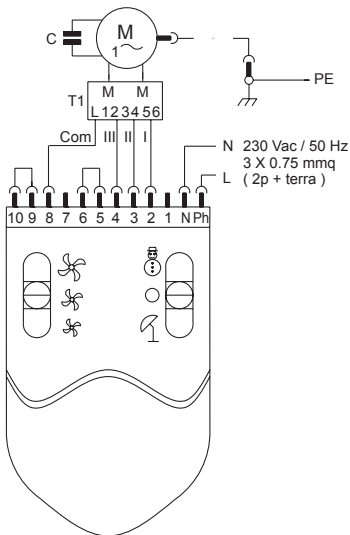
BASE CONTROL PANEL WITHOUT THERMOSTAT



LEGENDA:

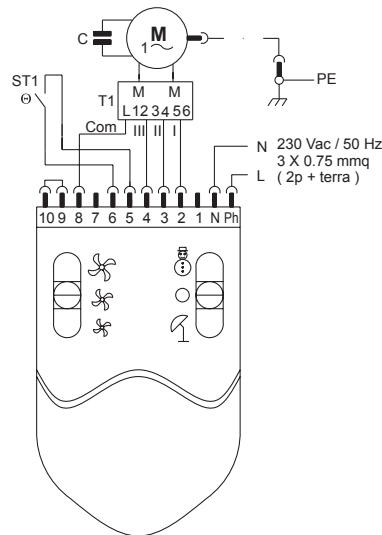
PE	Ground connection (yellow/green)
N	Neutral (blue)
L	Phase (brown)
M	Fan motor
Com	Common (white)
I	Minimum speed (red)
II	Medium speed (blue)
III	Maximum speed (black)
T1	Autotransformer
YV1	Heat/cool valve
YV2	Heat valve
YV3	Cool valve
ST1	Water low temperature thermostat

STANDARD
Winter: fan continuous running
Summer: fan continuous running



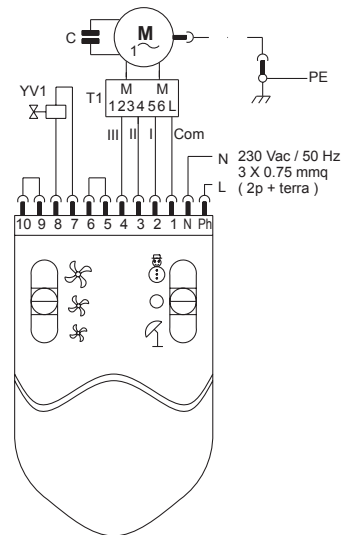
O - 76

OPTION: TEMPERATURE THERMOSTAT
Winter: fan continuous running; thermostatic control on fan at start fan override by ST1
Summer: fan continuous running



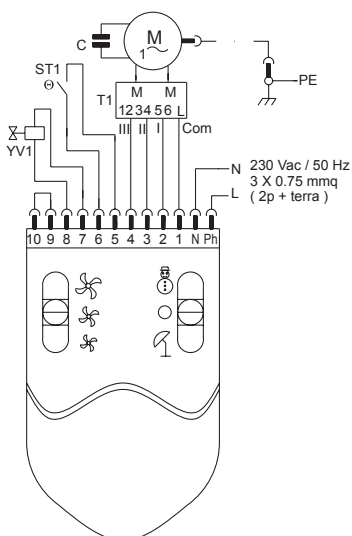
O - 77

OPTION: VALVE
Winter: fan continuous running, valve ON
Summer: fan continuous running, valve ON



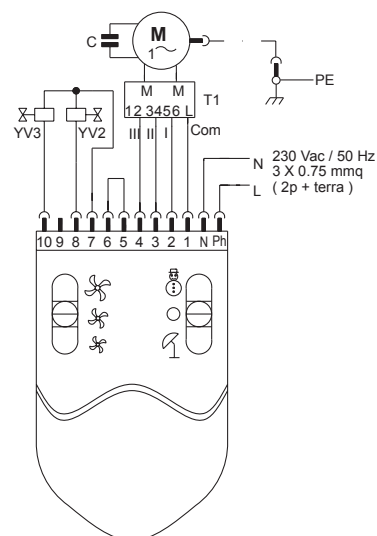
O - 78

OPTION: VALVE + TEMPERATURE THERMOSTAT
Winter: valve ON; thermostatic control on fan at start fan override by ST1.
Summer: fan continuous running, valve ON



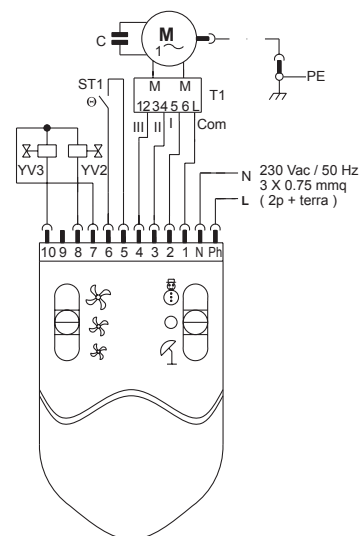
O - 80

OPTION: 2 VALVES
Winter: valve YV2 ON; fan continuous running
Summer: valve YV3 ON; fan continuous running



O - 81

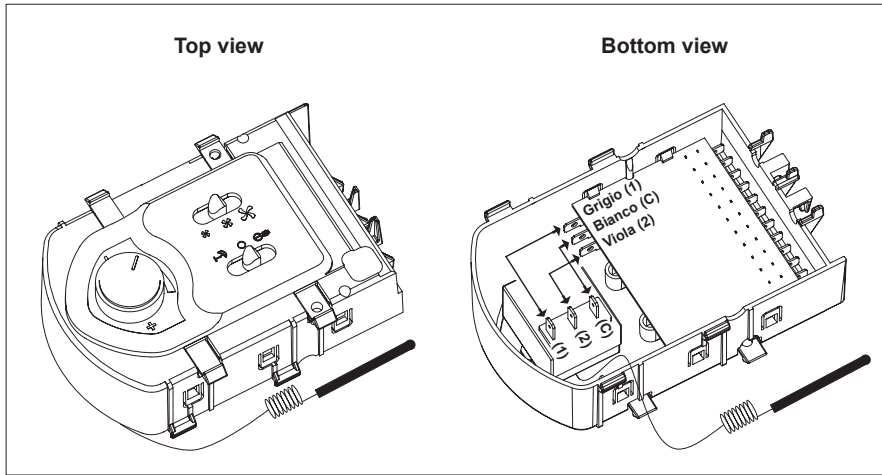
OPTION: 2 VALVES + TEMPERATURE THERMOSTAT
Inverno: valve YV2 ON; thermostatic control on fan at start fan override by ST1.
Estate: valve YV3 ON; fan continuous running



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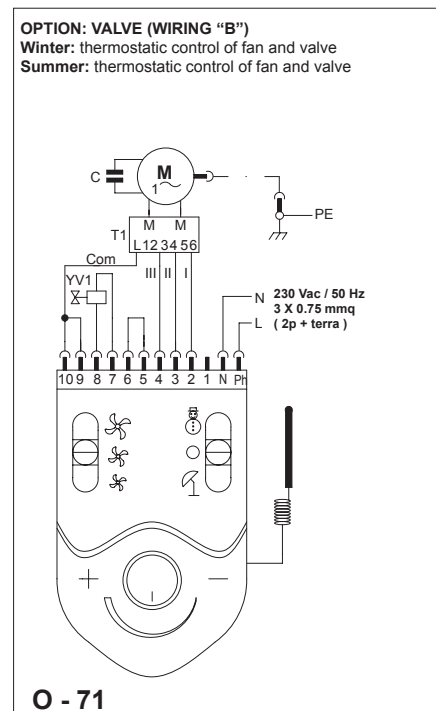
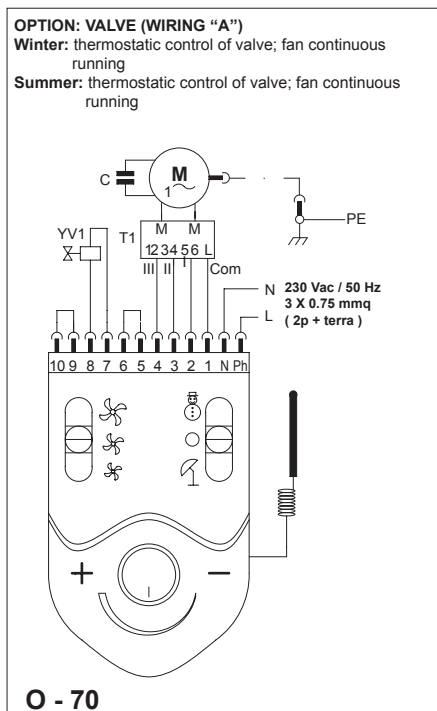
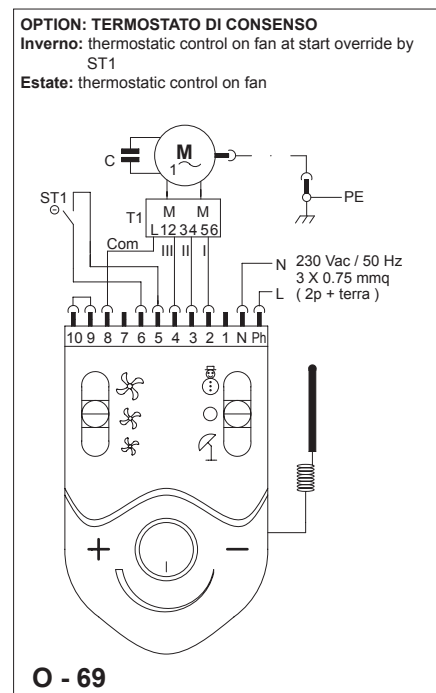
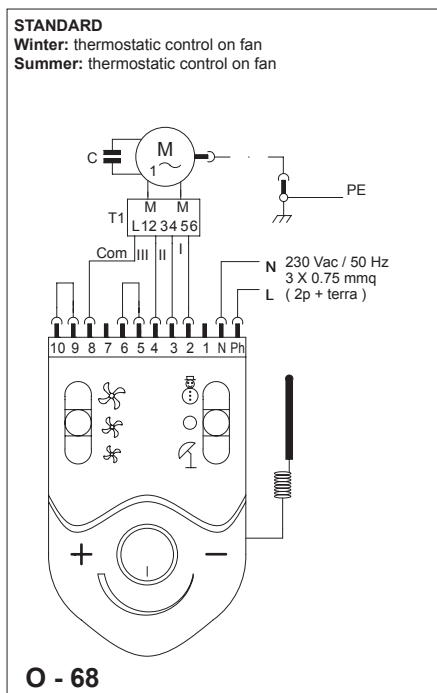
02_04_01_02_EN

BASE CONTROL PANEL WITH ELECTROMECHANICAL THERMOSTAT



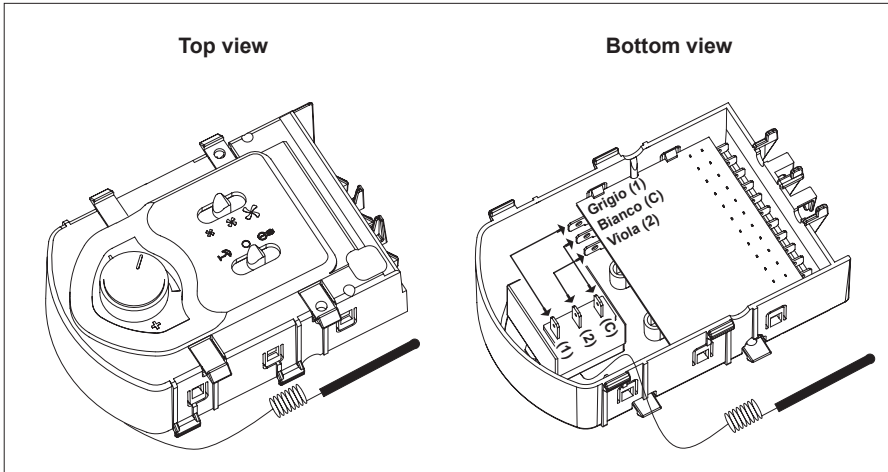
LEGENDA:

PE	Ground connection (yellow/green)
N	Neutral (blue)
L	Phase (brown)
M	Fan motor
Com	Common (white)
I	Minimum speed (red)
II	Medium speed (blue)
III	Maximum speed (black)
T1	Autotransformer
YV1	Heat/cool valve
YV2	Heat valve
YV3	Cool valve
ST1	Water low temperature thermostat



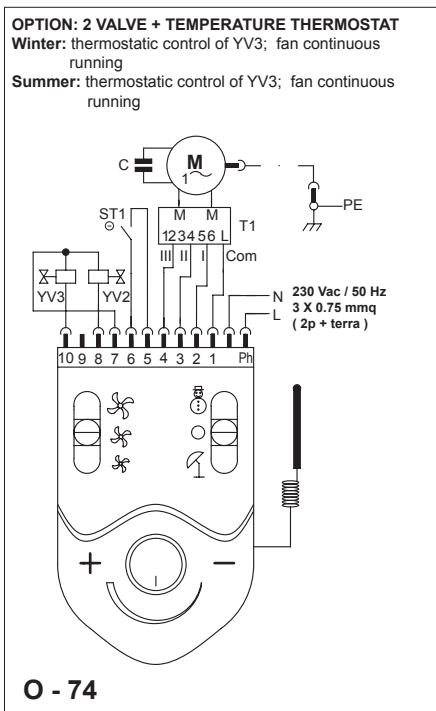
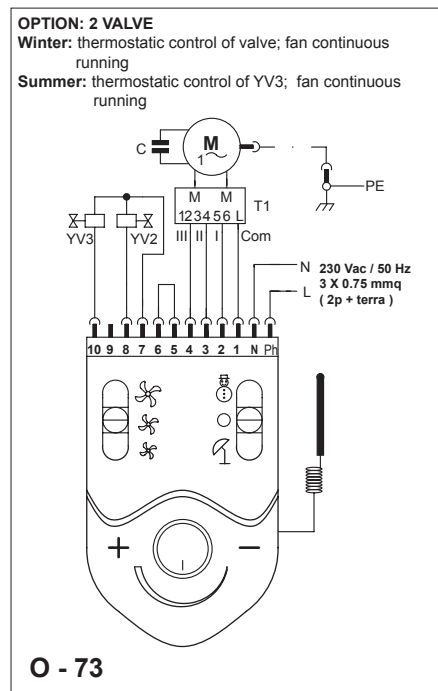
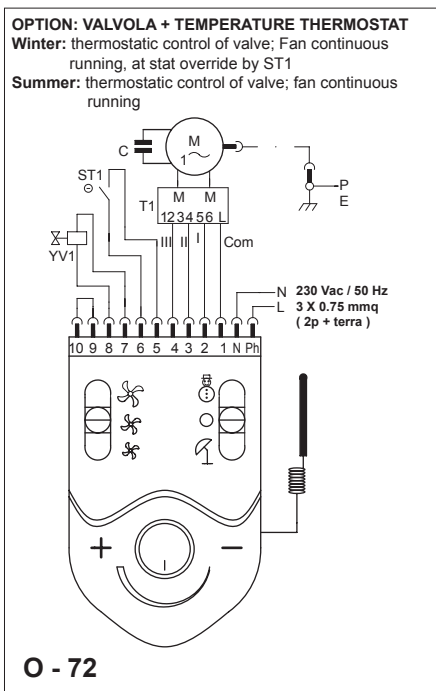
02_04_01_02_EN

BASE CONTROL PANEL WITH ELECTROMECHANICAL THERMOSTAT



LEGENDA:

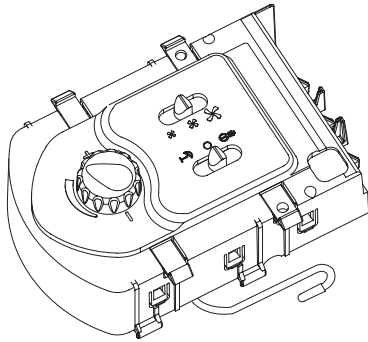
PE	Ground connection (yellow/green)
N	Neutral (blue)
L	Phase (brown)
M	Fan motor
Com	Common (white)
I	Minimum speed (red)
II	Medium speed (blue)
III	Maximum speed (black)
T1	Autotransformer
YV1	Heat/cool valve
YV2	Heat valve
YV3	Cool valve
ST1	Water low temperature thermostat



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BASE CONTROL PANEL WITH ELECTRONIC THERMOSTAT

Top view

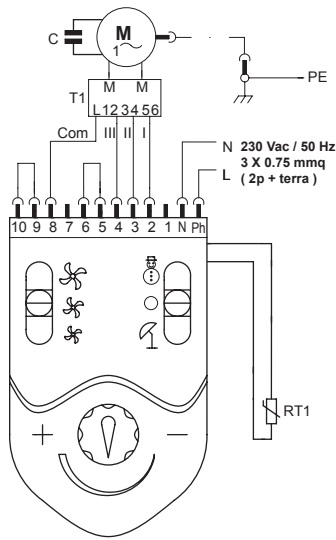


LEGENDA:

PE	Ground connection (yellow/green)
N	Neutral (blue)
L	Phase (brown)
M	Fan motor
Com	Common (white)
I	Minimum speed (red)
II	Medium speed (blue)
III	Maximum speed (black)
T1	Autotransformer
YV1	Heat/cool valve
YV2	Heat valve
YV3	Cool valve
ST1	Water low temperature thermostat
RT1	Room temperature sensor

STANDARD

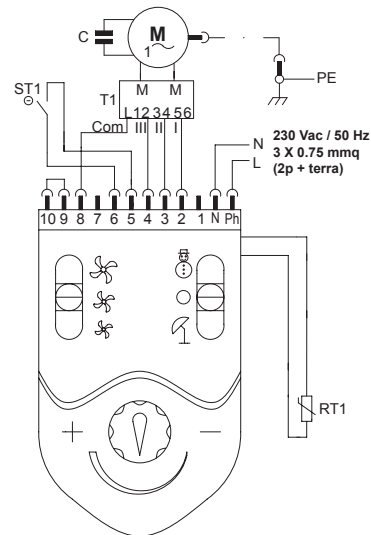
Winter: thermostatic control of fan
 Summer: thermostatic control of fan



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OPTION: TEMPERATURE THERMOSTAT

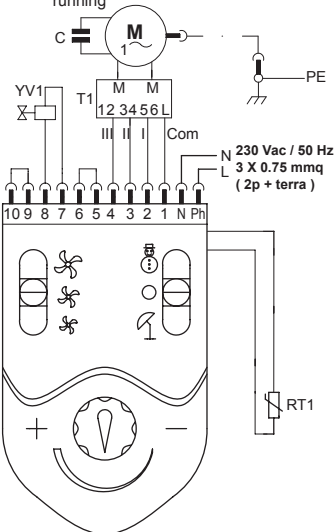
Winter: Thermostatic control of fan at start override by ST1
 Summer: thermostatic control of fan



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OPTION: VALVE (WIRING "A")

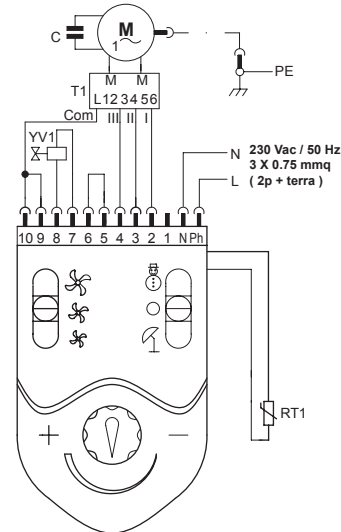
Winter: thermostatic control of valve; fan continuous running
 Summer: thermostatic control of valve; fan continuous running



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OPTION: VALVE (WIRING "B")

Winter: thermostatic control on valve and fan
 Summer: thermostatic control on valve and fan

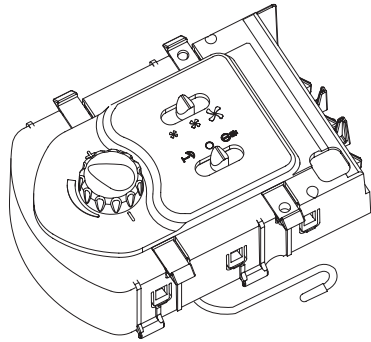


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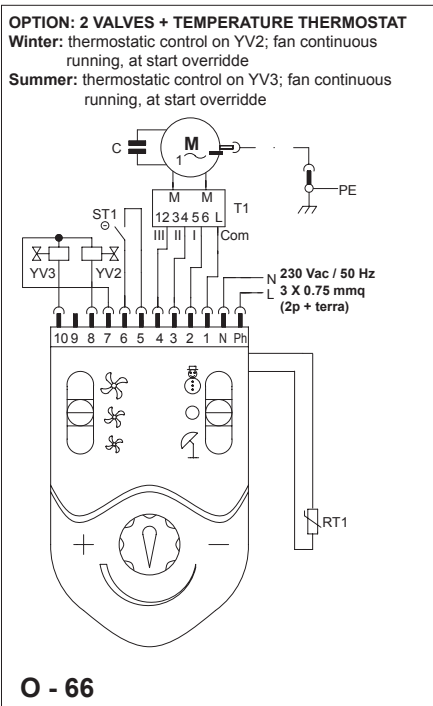
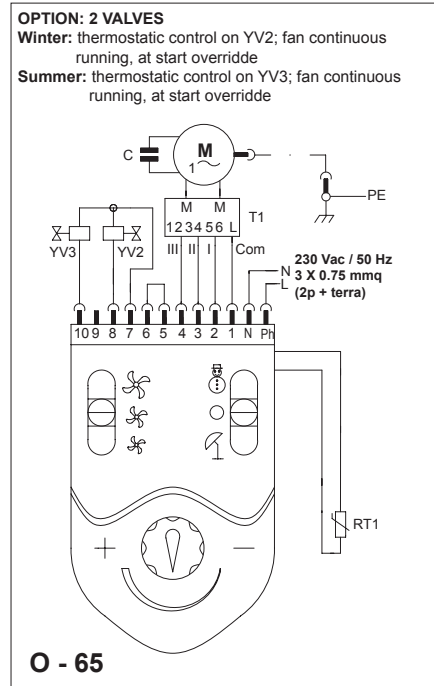
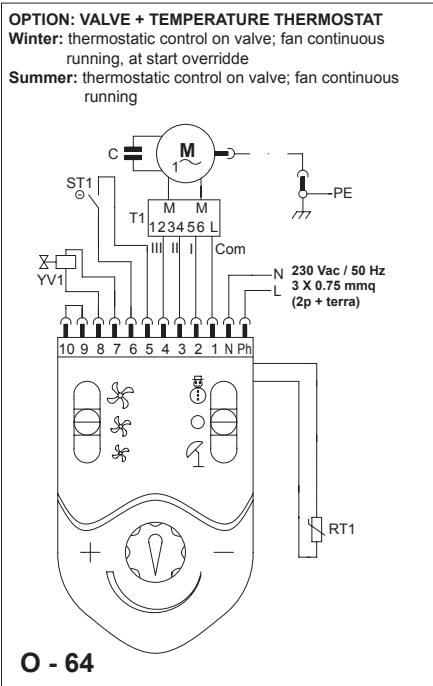
BASE CONTROL PANEL WITH ELECTRONIC THERMOSTAT

Top view



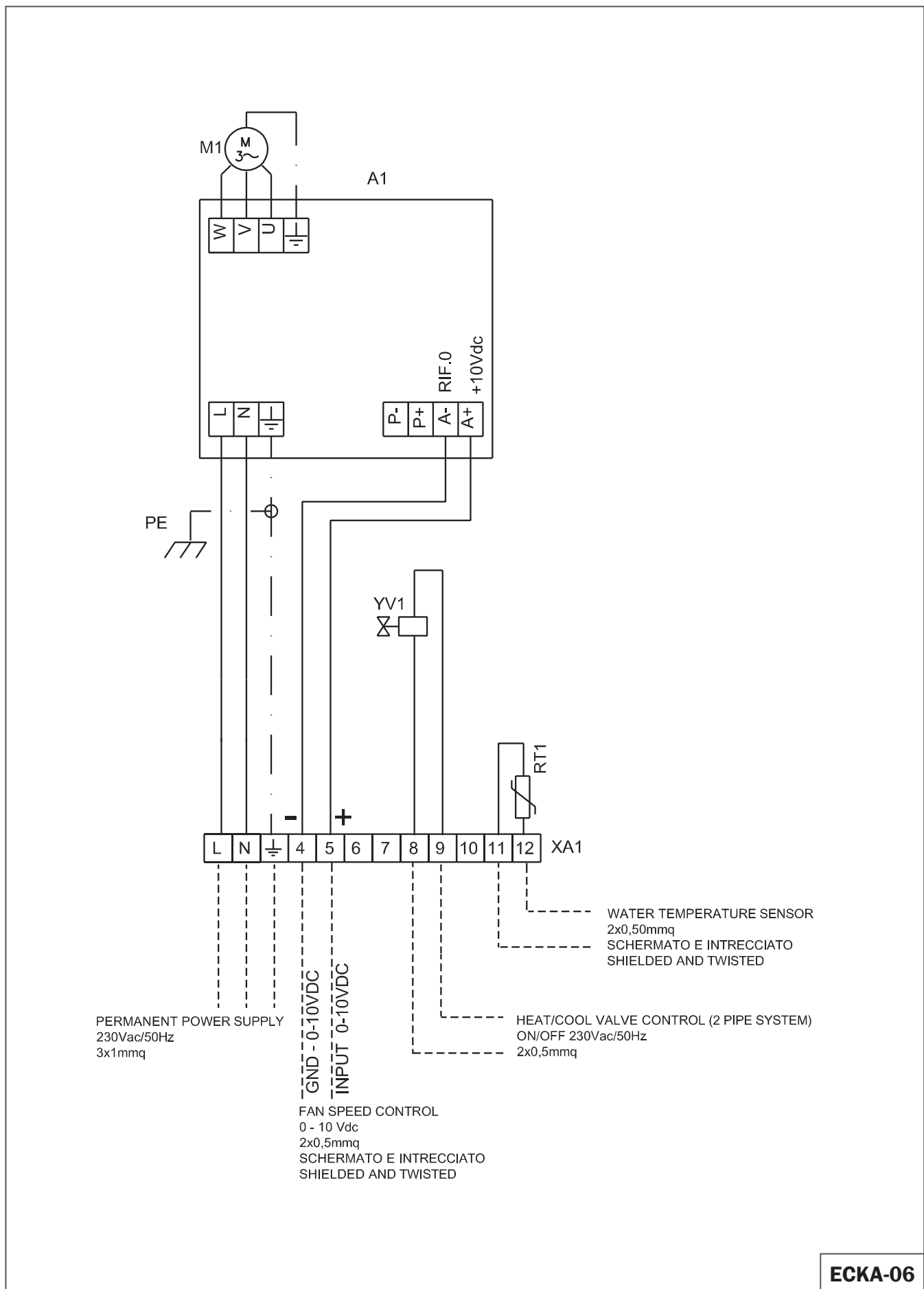
LEGENDA:

PE	Ground connection (yellow/green)
N	Neutral (blue)
L	Phase (brown)
M	Fan motor
Com	Common (white)
I	Minimum speed (red)
II	Medium speed (blue)
III	Maximum speed (black)
T1	Autotransformer
YV1	Heat/cool valve
YV2	Heat valve
YV3	Cool valve
ST1	Water low temperature thermostat
RT1	Room temperature sensor



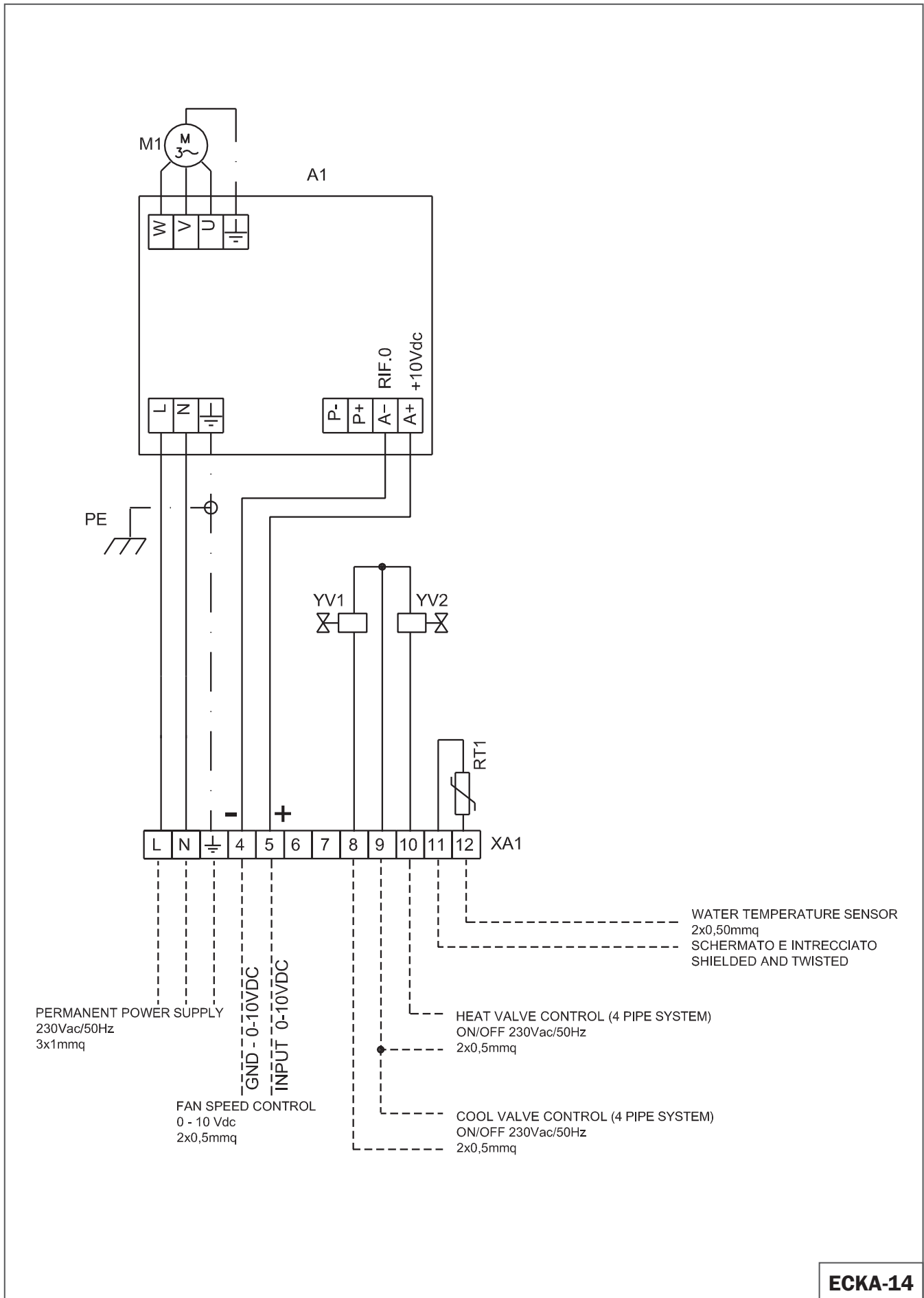
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FAN COIL WITH ECM MOTOR, 2 PIPE SYSTEM, 1 VALVE AND AIR INTAKE SENSOR



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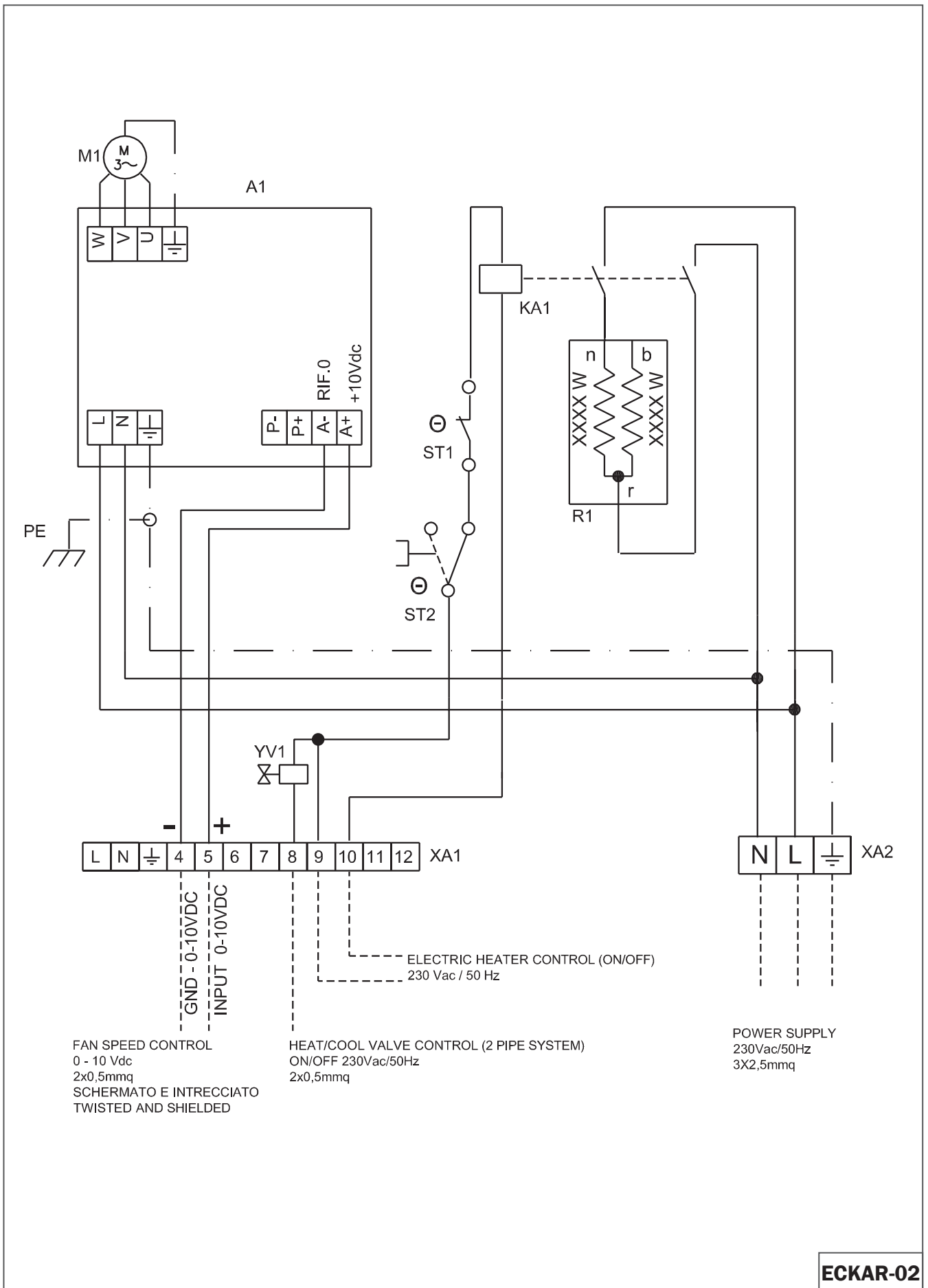
FAN COIL WITH ECM MOTOR, 4 PIPE SYSTEM, 2 VALVES AND AIR INTAKE SENSOR



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ECKA-14

FAN COIL WITH ECM MOTOR, 2 PIPE SYSTEM, 1 VALVE AND ELECTRIC HEATER



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