

Climacell EVO Technical Data		Model	111	222	404	707	1212
Interior dimensions Chamber: stainless steel AISI 304 AISI 316 available as option	volume	ft3	3.9	7.8	14.3	25	43
	width	liters	111	222	404	707	1212
		inches	21.25	21.25	21.25	37	3 x 21.25
	depth	mm	540	540	540	940	3 x 540
		inches	14.6	20.5	20.5	20.5	20.5
	height	mm	370	520	520	520	520
inches		20.9	29.9	55.6	55.6	55.6	
Volume of the steam generator capacity		ft3	5.9	10.8	18.7	31	62.9
		liters	167	305	530	878	1781
Shelves: stainless steel	Capacity: # of shelf guides in chamber side walls	maximum #	7	10	19	19	3 x 19
		standard #	2	2	2	2	6
Shelf distance	min. distance between trays	inches	2.8	2.8	2.8	2.8	2.8
		mm	70	70	70	70	70
Useable shelf area	width x depth	inches	20.5x13.3	20.5x19.1	20.5x19.1	36.3x19.1	20.5x19.1x3
		mm	520x338	520x485	520x485	920x485	520x485x3
Outer metal doors		No.	1	1	1	2	3
Inner glass doors		No.	1	1	1	2	3
Maximum shelf load	one shelf	lbs	44	66.1	66.1	110.2	66.1
		kg	20	30	30	50	30
	total per unit	lbs	110.2	154.3	220.5	286.6	661
		kg	50	70	100	130	300
Electric parameters: EVO 0°C Protective system: 16 Amp minimum	max consumption	W	2050	2100	3150	3400	3,500
		A	8.9	9.6	13.7	14.8	15.2
	50/60 Hz	V	230	230	230	230	230
			IP 20	IP 20	IP 20	IP 20	IP 20
Electric parameters: EVO -20°C Protective system	Max consumption	W	1630	1780	2115	2640	3215
	50/60 Hz	V	230	230	230	230	230
			IP 20	IP 20	IP 20	IP 20	IP 20
Temperature Data	from 0.0°C to °C		0 °C - + 100	decontamination	160°C		
Operation Temperature	From -20°C to °C		-20 °C - + 100	decontamination	160°C		
Working temperature Temperature accuracy in the chamber ...Distribution ...Uniformity Heating up time from ambient temp., Cooling down time Recovery time after 1 min. door open Relative Humidity	range °C		0 -- 100	0 -- 100	0 -- 100	0 -- 100	0 -- 100
	at 10°C	± °C	<0.5	<0.5	<1	<1	<1.5
	at 37°C	± °C	<0.5	<0.5	<1	<1	<1.5
		± °C	<0.2	<0.2	<0.3	<0.4	<0.8
	to 37°C	min.	20	25	26	27	30
	from 22°C - 10°C	min.	<21	<21	<21	<21	<21
	at 37°C	min.	4	4	4	4	4
at 50°C	min	4	4	4	4	4	
range	%	10%-98%	10%-98%	10%-98%	10%-98%	10%-98%	
Heat Emission	at 37°C	W	70	97	123	148	200
External dimensions (including door/Handle, feet / rollers)	width	inches	30.7	30.7	43.1	59.2	103.5
		mm	780	780	1100	1500	2360
	depth	inches	29.7	34.8	34.8	34.8	34.8
		mm	755	885	885	885	885
	height	inches	46.3	57.2	74.3	74.3	75.2
		mm	1177	1452	1888	1888	1910
Weight Climacell EVO 0°C	net	lbs	242.5	309	529	617	1,193
		kg	110	140	240	280	541
	gross	lbs	309	390	617	719	1,898
		kg	140	177	280	326	861
Weight Climacell EVO -20°C	net	lbs	264.5	331	551	639	750
		kg	120	150	250	290	340
	gross	lbs	331	412	639	741	871
		kg	150	187	290	336	395
CO2 Concentration		%	0.1 - 20	0.1 - 20	0.1 - 20	-	-
CO2 Required Pressure		Bar / psi	0.3-0.7 / 5 -- 10	0.3-0.7 / 5 -- 10	0.3-0.7 / 5 -- 10	-	-

Note: All technical data is related to 22 °C ambient temperature and +/- 10% voltage swing (if specified). For other parameters see section: Electrical connections. Temperature & humidity variation occur in the case of consistent air-flow during operation. No more than 50% of the shelf should be filled in order to facilitate uniform air circulation in the chamber

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