

FRIOCELL ECO	Technical Data	Model	22	55	111	222	404	707		
Interior dimensions Chamber: stainless steel	volume	ft3	0.8	1.9	3.9	7.8	14.3	25		
		liters	22	55	111	222	404	707		
	width	inches	9.5	15.7	21.2	21.2	21.2	37		
		mm	244	400	540	540	540	940		
	depth	inches	11.6	14.6	14.6	20.5	20.5	20.5		
		mm	306	370	370	520	520	520		
height	inches	13.3	13.8	20.8	29.9	55.7	55.7			
	mm	296	350	530	760	1415	1415			
Volume of the steam space		ft3	1.5	3.1	5.8	10.6	18.5	31		
		liters	43	89	163	299	524	876		
Shelves: stainless steel	number of shelf guides in chamber side walls	max. number	4	4	7	10	19	19		
		standard #	2	2	2	2	2	2		
Shelf distance	min. distance between trays	inches	2.4	2.8	2.8	2.8	2.8	2.8		
		mm	60	70	70	70	70	70		
Useable shelf area	width x depth	inches	7.3x10.4	15x13.2	20.5x13.3	20.5x19.1	20.5x19.1	36.3x19.1		
		mm	185x265	380x335	520x338	520x485	520x485	920x485		
Outer metal doors Inner glass doors		No.	1	1	1	1	1	2		
		No.	1	1	1	1	1	2		
Maximum shelf load	one shelf	lbs	22	44	44	66.1	66.1	110.2		
		kg	10	20	20	30	30	50		
	total per unit	lbs	55.1	110.2	110.2	154.3	220.5	286.6		
		kg	25	50	50	70	100	130		
Electric parameters <i>230V option available</i> Protective system	max consumption 50/60 Hz	W	150	840	863	1012	1829	2070		
		V	115	115	115	115	115	115		
			IP 20	IP 20	IP 20	IP 20	IP 20	IP 20		
Temperature Data Working temperature	range °C		+5°C – +7°C	0 – 99.9	0 – 99.9	0 – 99.9	0 – 99.9	0 – 99.9		
		Temperature Distribution	at 10°C	± °C	<0.3	<0.5	<0.5	<0.5	<1	<1
			at 37°C	± °C	<0.3	<0.5	<0.5	<0.5	<1	<1
		Temp. Uniformity		± °C	<0.1	<0.2	<0.2	<0.2	<0.3	<0.4
		Heating up time from ambient temp.	to 37°C	min.	<10	23	24	25	26	27
		Cooling down time	from 22°C to 10°C	min.	<31	<14	<21	<21	<21	<21
		Recovery time after 1 min. door open	at 37°C at 50°C	min.	1	1	1.5	1.5	1.5	1.5
min	2.5			1.5	2	2.5	5.5	3.5		
Heat Emission	at 37°C	W	50	62	70	97	123	148		
External dimensions (incl. door / handle, feet / rollers)	width	inches	15.9	24.4	29.9	29.9	41.7	57.5		
		mm	406	620	760	760	1060	1460		
	depth	inches	22	25.6	25.6	31.1	31.1	31.1		
		mm	592	640	640	790	790	790		
	height	inches	23.7	34.5	39.4	50.2	75	75		
mm		605	875	1000	1275	1905	1905			
Weight	net	lbs	72.8	176.4	222.7	291	507	595.2		
		kg	33	80	101	132	230	270		
	gross	lbs	83.8	218.3	288.8	372.6	696.2	696.7		
		kg	38	99	131	169	270	316		

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 variation occurs in the case of consistent air-flow during operation.

- No more than 50% of the tray should be filled in order to facilitate uniform air circulation inside the chamber
 - MMM / BMT reserve the right to changes in design and manufacture of the device

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