

Durocell ECO Specifications			Model	22	55	111	222
Interior dimensions  Interior made of AISI 304L stainless steel	volume	ft3 cu. Ft.	.8	1.9	3.9	7.8	
		liters	22	55	111	222	
	width	inches	9.5	15.7	21.2	21.2	
		mm	240	400	540	540	
	depth	inches	11.6	15.3	15.3	21.2	
		mm	295	390	390	540	
height	inches	13.3	13.7	20.8	29.9		
	mm	340	350	530	760		
Shelves	Shelf capacity: # of shelf guides / brackets in chamber side walls	max number shelves incl.	4	4	7	10	
			2	2	2	2	
Maximum weight of load (*)	Per shelf / tray	Max lbs	22	44	44	66	
	Max. inside oven	Max lbs	55	110	110	154	
Door		No.	1	1	1	1	
External dimensions (including door and handle)	width	inches	15.9	24.4	29.9	29.9	
		mm	406	620	760	760	
	depth	inches	22	25.1	25.1	31.1	
		mm	560	640	640	790	
	height	inches	23.7	26.7	33.8	42.9	
		mm	604	680	860	1090	
Shipping dimensions	width	inches	18.31	27.95	33.46	33.46	
		mm	465	710	850	850	
	depth	inches	26.18	28.35	28.7	33.86	
		mm	665	720	730	860	
	height (including pallet)	inches	25.79	35.43	42.52	52	
		mm	655	900	1080	1320	
Weight	net	lbs	68.34	121.25	165	221	
		kg	31	55	75	100	
	gross	lbs	79.37	134.5	185	258	
		kg	36	61	84	117	
Electric parameters	maximum input	kW	.92	1.2	1.8	1.8	
	standby mode	W	920	1,196	1,794	1,794	
	current	A	8	10.4	15.7	15.7	
230V option available	nominal voltage	V	115	115	115	115	
Working temperature (regular start)	from 5°C, over ambient temperature to °C			125	125	125	125
Temperature deviation from working temperature.	Temperature Distribution	Approx. ±% of set temp.		1	2	2	2
	Temp. Uniformity	±° C		≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3
Time required to reach 100° C with closed air flap and 115V power			Minutes	34	41	48	50
Heat Emissions			W	920	1,196	1,806	1,806
Air Exchange speed at 100°C			Hour	6	8	12	5
<p>*Approx. 50% of the tray area can be filled in a way a uniform air circulation is enabled inside the chamber.  Note: All technical data is related to 22°C ambient temperature &amp; +/- 10% voltage swing (if not specified). Changes in design and make are reserved.  ** Device is not an explosion proof or resistant device. Epolon coating is used to protect against degradation of the chamber from testing material (s).  *** User is responsible for safe use of device at all times. User must evaluate suitability of the Durocell when heating flammable or potentially combustible material.</p>							



**BMT USA**  
14532 169<sup>th</sup> Dr. SE, Suite 142  
Monroe, WA 98272  
USA



Model 22 (.8 ft3)



Model 111 (4 ft3) on optional rolling cart

ph. 360-863-2252  
fax 360-863-2366  
e-mail sales@bmtusa.com  
www.bmtusa.com