

# Vacuum Oven

Model	BOV-20	BOV-50	BOV-90	BOV-120	BOV-210
Chamber Volume (ft <sup>3</sup> / L)	0.9 / 24	1.8 / 53	3.2 / 91	4.4 / 125	7.6 / 216
Heating Type	4-Sided Jacket Radiant Heating			Individual Shelf Heating	
Temperature Range	Ambient + 18°F - 392°F / Ambient + 10°C - 200°C				
Display Resolution	0.1				
Uniformity @100°C	±1 (Shelf)				
Temperature Stability	±0.5				
Max. Degree of Vacuum	133 Pa				
Shelves (Std. / Max.)	2 / 5	3 / 7	3 / 9	3 / 3	3 / 3
Work Chamber Material	Sandblasted 304 Stainless Steel				
Shelf & Rack Material	Sandblasted Aluminum				
Shelf (W x D) (in / mm)	11.4 x 11.0 289 x 280	15.9 x 14.1 404 x 358	17.4 x 17.1 442 x 435	19.5 x 17.7 496 x 450	23.4 x 21.7 595 x 550
Shelf Height Adjust.	Yes			No	
Shelf Separation Height: (in / mm)	-			Top to 1st: 5.5 / 140 Other: 5.1 / 130	Top to 1st: 6.8 / 172 Other: 6.5 / 164
Obs. Window Material	Plexiglas® + Tempered, Ballistic, Double-layer Glass				
Interior Dimension (WxHxD) (in / mm)	11.8 x 10.8 x 11.8 300 x 275 x 300	16.3 x 13.6 x 14.6 415 x 345 x 370	17.7 x 17.7 x 17.7 450 x 450 x 450	19.7 x 19.5 x 19.5 500 x 495 x 495	23.6 x 23.6 x 23.6 600 x 600 x 600
Exterior Dimension (WxHxD) (in / mm)	17.5 x 24.4 x 22.8 445 x 620 x 580	22.8 x 27.7 x 26.5 580 x 705 x 675	24.0 x 31.8 x 31.6 610 x 810 x 805	31.9 x 25.4 x 28.9 810 x 645 x 735	35.6 x 29.1 x 32.9 905 x 740 x 835
Shelf Loading (lb / Kg)	44.1 / 20				
Net Weight (lb / Kg)	132.3 / 60	209.4 / 95	319.7 / 145	357.2 / 162	467.4 / 212
Timer (hh:mm)	00:01 – 99:59				
Inert Gas / Air Inlet	•	•	•	•	•
Inlet Hose Barb (Ømm)	8				
Vacuum Port Type	KF25	KF25	KF25	KF25	KF25
Electrical Requirement	120V/60Hz	120V/60Hz	240V/60Hz	120V/60Hz	120V/60Hz
Electrical Plug Type	NEMA 5-15	NEMA 5-15	NEMA 6-15	NEMA 5-15	NEMA 5-15
Power Consumption	700W	1400W	2000W	1450W	1500W
Elect. Outlet for Pump	•	•	-	-	-
Elect. Outlet Type	NEMA 5-15			-	
Feet / Casters	Feet			Casters, Front Locking	
Catalog Number	BV15020U	BV15050U	BV15090C	BV150120U	BV150210U
Shelf Part Number	P19027	P19035	P19037	-	-