

## TECHNICAL SPECIFICATIONS

Labculture® Plus Class II 220-240 VAC, 50/60 Hz	Glass Side Walls	LA2-3E8-EU G4 2011742	LA2-4E8-EU G4 2011743	LA2-5E8-EU G4 22011744	LA2-6E8-EU G4 2011745
	Stainless Steel Side Walls	LA2-3S8-EU G4 2011738	LA2-4S8-EU G4 2011739	LA2-5S8-EU G4 2011740	LA2-6S8-EU G4 2011741
Nominal Size		0.9 meter	1.2 meter	1.5 meter	1.8 meter
External Dimensions (W x D x H)	Without Optional Base Stand	1035 x 858 x 1570 mm	1340 x 858 x 1570 mm	1645 x 858 x 1570 mm	1950 x 858 x 1570 mm
Internal Dimensions (W x D x H)		915 x 623 x 720 mm	1220 x 623 x 720 mm	1525 x 623 x 720 mm	1830 x 623 x 720 mm
Usable Work Area		0.45 m <sup>2</sup>	0.62 m <sup>2</sup>	0.76 m <sup>2</sup>	0.93 m <sup>2</sup>
Sash opening		200 mm			
Maximum Sash Opening		470 mm			
Average Airflow Velocity	Inflow	0.45 m/s			
	Downflow	0.32 m/s			
Average Airflow Volume	Inflow	415 cmh	564 cmh	750 cmh	846 cmh
	Downflow	726 cmh	971 cmh	1214 cmh	1457 cmh
	Exhaust	415 cmh	564 cmh	750 cmh	846 cmh
ULPA Filter Typical Efficiency		99.999% efficiency at 0.3 to 0.1 µm			
Sound Emission*		54.8 dBA	55.0 dBA	57.5 dBA	58.0 dBA
Light Intensity	LED Lamp	1390 lux	1250 lux	1480 lux	1381 lux
	UV Lamp	253.7 nm			
Electrical Requirements**	Nominal Power Consumption	167 W	178 W	285 W	315 W
	Heat Load	570 BTU/ Hr	607 BTU/ Hr	972 BTU/ Hr	1075 BTU/ Hr
	Full Load Amps	10 A			
Cabinet Construction	Main body	Electro-galvanized steel with white oven-baked epoxy-polyester Isocide™ antimicrobial powder-coated finish, 1.5 mm / 16 gauge thick			
	Work Zone	Stainless steel Type 304 with No.4 finish, 1.5 mm / 16 gauge thick			
	Side Walls	E Series	UV-absorbing tempered glass, 6 mm, colorless and transparent		
		S Series	1.5 mm 16 gauge stainless steel, type 304, with 4B finish		
Sash Window	UV-absorbing tempered glass, 6 mm, colorless and transparent				
Net Weight		274 kg	330 kg	370 kg	460 kg
Shipping Weight		302 kg	365 kg	450 kg	489 kg
Shipping Dimensions, Maximum (W x D x H)		1300 x 960 x 2120 mm	1520 x 960 x 2120 mm	1950 x 960 x 2120 mm	2200 x 960 x 2120 mm
Shipping Volume Dimensions (W x D x H)		2.3 m <sup>3</sup>	2.8 m <sup>3</sup>	3.5 m <sup>3</sup>	4.0 m <sup>3</sup>

Disclaimer: Technical Specifications may be subjected to further changes without prior notice.

\*Noise reading in open field condition / anechoic chamber. Noise reading in normal room varies by room size, layout, and background noise, but may reach roughly 3-4 dBA above these values.

\*\*Electrical power consumption is a measurement of new unit with clean filter operated within nominal setpoint. Result per unit may vary.