

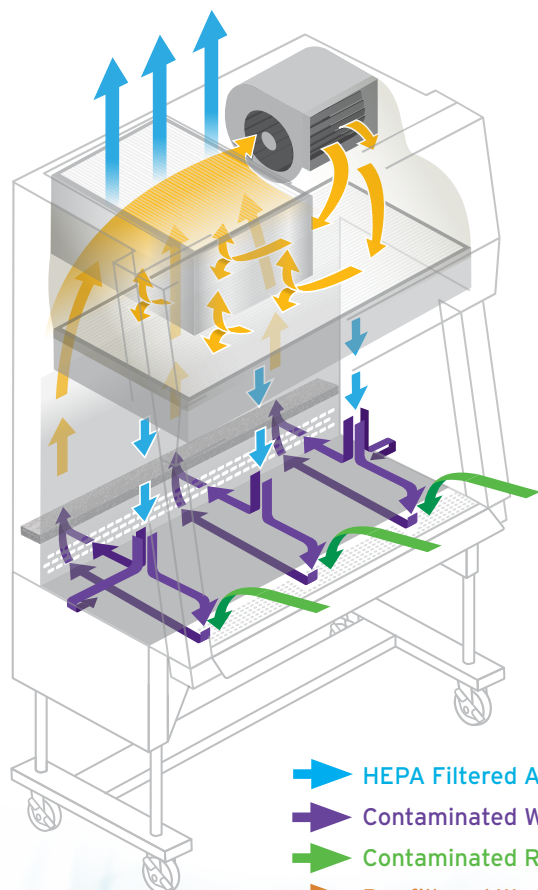


LABGARD^{ES}

VDW
Crucial Temperature Solutions

NU-677 CLASS II TYPE A2 ANIMAL HANDLING BIOSAFETY CABINET

The LabGard[®] ES (Energy Saver) Model NU-677 Class II Type A2 Biosafety Cabinet/Cage Changing Station is NSF/ANSI listed to provide personnel, product, and environment protection for sensitive animal handling and cage changing procedures. The NU-677 can be exhausted back into the lab or connected to a facility HVAC system. The large 12" [305 mm] access opening accommodates most large mouse and rat cages. The NU-677 comes standard with our mechanical auto-lifting base stand, which allows extra flexibility to help avoid repetitive stress injuries and ensure you stay comfortable throughout your entire work day. The included base stand comes standard with heavy-duty caster wheels to allow for extra mobility within your vivarium.



environmental,
product & personnel
protection

- ➡ HEPA Filtered Air
- ➡ Contaminated Work Zone Air
- ➡ Contaminated Room Air
- ➡ Pre-filtered Work Zone Air



Specifications

Catalog Number	NU-677-400	NU-677-500	NU-677-600
	Nominal 4 foot (1.2m)	Nominal 5 foot (1.5m)	Nominal 6 foot (1.8m)
Performance Specifications	NSF/ANSI 49		
NSF Std. No. 49 Class	Class II, Type A2		
Style of Cabinet	Bench top/console with base stand		
Cabinet Construction	All welded stainless steel 16GA, Type 304 pressure tight design		
Diffuser for Air Supply (Metal)	Non-flammable		
HEPA Filter Seal Type: Supply Filter-99.99% - Eff. on 0.3 microns Exhaust Filter-99.99% - Eff. on 0.3 microns	HEPEX Seal, Neoprene, Spring-loaded		
Fumigation (per NIH/NSF Procedure):	Yes		
Standard Services (Duplex Outlet):	Two, Backwall		
Optional Services: Gas Cocks $\frac{3}{8}$ " NPT Ultraviolet Light	Up to 2 Each Side wall One Back wall		
Cabinet Size Inches (mm):			
Height Maximum	97 $\frac{1}{2}$ (2477)	97 $\frac{1}{2}$ (2477)	97 $\frac{1}{2}$ (2477)
Height Minimum	79 (2007)	79 (2007)	79 (2007)
Width	53 $\frac{5}{8}$ (1362)	65 $\frac{5}{8}$ (1667)	77 $\frac{5}{8}$ (1972)
Depth (with Control Center & Armrest)	32 $\frac{3}{4}$ (832)	32 $\frac{3}{4}$ (832)	32 $\frac{3}{4}$ (832)
Work Access Opening Inches (mm):			
Standard Opening	12 (305)	12 (305)	12 (305)
Standard Inflow Velocity	105 FPM (0.53 m/s)	105 FPM (0.53 m/s)	105 FPM (0.53 m/s)
Work surface Height Min/Max	24 $\frac{1}{2}$ - 43 (662 -1092)	24 $\frac{1}{2}$ - 43 (662 -1092)	24 $\frac{1}{2}$ - 43 (662 -1092)
Work Zone Inches (mm):			
Height	28 (711)	28 (711)	28 (711)
Width	46 $\frac{3}{8}$ (1178)	58 $\frac{3}{8}$ (1483)	70 $\frac{3}{8}$ (1788)
Depth	25 (635)	25 (635)	25 (635)
Viewing Window (Tempered Sliding Glass) Inches (mm):	Fully Closed to 20 (508) Open		
Lighting:	LED		
Required Exhaust CFM/CMH (Standard/Optional):			
Variable Flow Canopy (NU-911)	486 / 656 (626 / 1115)	611 / 761 (1038 / 1293)	758 / 868 (1288 / 1475)
Fixed Flow Canopy (NU-907)	526 (894)	651 (1106)	796 (1352)
Plant Duct Static Pressure:	Minimum 0.05 in. (1.27 mm) Maximum 0.2 in (5.08 mm)		
Sound Level:	67 dbA		
Heat Rejected , BTU, Per Hour, Non-vented / Vented:	2551 / 157		
Electrical:	115V / 60 Hz E: 230V / 50-60Hz		
Energy Usage:	275 W	425 W	445 W
Crated Shipping Weight*:	800 lbs. / 362 kg.	865 lbs. / 392 kg.	930 lbs. / 421 kg.
Net Weight	750 lbs. / 340 kg.	815 lbs. / 369 kg.	880 lbs. / 398 kg.

* Crated shipping weight does not include weight for accessories or options.

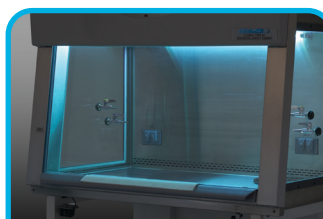
Popular Features and Accessories



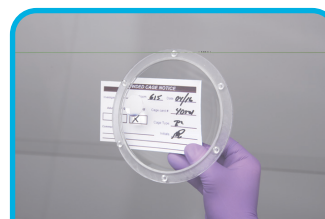
Removable Prop-Up Work Tray



Washable Mesh Pre-Filter



Interior UV Light



Window Sash
Magnifying Glass



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