

HVA-85 AND HVA-110 SPECIFICATIONS

MODEL	HVA-85	HVA-110
TEMPERATURE		
Operating Range	105°C to 135°C	
Display Range	137°C	
Agar Warming Range	After sterilization, agar can be maintained from 45°C to 60°C (programmable) to prevent coagulation for up to 20 hours.	
GAUGE PRESSURE		
Maximum Allowable	38 psi (0.26MPa)	
Operating Range	3 to 30 psi (0.021 to 0.206MPa)	
TIMER		
Sterilization	1 to 250 minutes	
DIMENSIONS		
Overall (W x D x H)	26.0" x 25.6" x 39.4" (66 cm x 65 cm x 100 cm)	26.0" x 25.6" x 46.4" in (66 cm x 65 cm x 118cm)
Chamber (Diameter x Height)	85 liters 16.5" x 24.2" (42.0 cm x 61.5 cm)	110 liters 16.5" x 31.3" (42.0 cm x 79.5 cm)
SAFETY DEVICES	Dual-sensing lid interlock, over-pressure power cutoff, over-temperature power cutoff, low-water power cutoff, mechanical pressure relief valve, microprocessor-controlled pressure relief valve, lid-closure detector, over-current detector and circuit breaker	
PROGRAMS		
1. For agar	Heating -> Sterilization -> Auto steam exhaust or ambient cooling (programmable) -> Warming -> Completion	
2. For liquids	Heating -> Sterilization -> Auto steam exhaust or ambient cooling (programmable) -> Completion	
3. For solids	Heating -> Sterilization -> Auto exhaust (fast) -> Completion	
ACCESSORIES		
Stainless steel	Mesh wire baskets, buckets (pails), and round test tube racks	
Factory or field installed	Data logger	
POWER		
Source	208V / 220V / 240V, 50 / 60 Hz, single phase	
Consumption	3000 watts (3000VA)	4000 watts (4000VA)
SHIPPING WEIGHT	282 lb (128 kg)	308 lb (140 kg)

WARRANTY: Autoclaves are protected by a 12-month warranty.