

HV-85 AND HV-110 SPECIFICATIONS

MODEL	HV-85	HV-110
TEMPERATURE		
Operating Range	105°C to 135°C	
Display Range	137°C	
Warming Range	45°C to 60°C	
Agar Dissolution	Heating at 60°C to 100°C for up to 1 hour (temperature and time programmable), followed by 45°C to 60°C (programmable for up to 20 hours to prevent coagulations)	
GAUGE PRESSURE		
Operating Range	3 to 30 psi (0.021 to 0.206MPa)	
Maximum Allowable	38 psi (0.26MPa)	
TIMER		
Sterilization	1 to 250 minutes	
Delayed Auto-start	Program autoclave to start 1 minute to 7 days later	
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 46.5" (66 cm x 65 cm x 118 cm)
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 -> Exhaust (from no exhaust to slow, programmable) -> Warming -> Completion	
2. For liquids	Heating -> Sterilization -> Exhaust (from no exhaust to slow, programmable) -> Completion	
3. For solids	Heating -> Sterilization -> Exhaust (fast, default) -> Completion	
4. For melting agar or for faster start-up	Rapid melting at 60°C to 100°C (temperature and time programmable) -> Maintain at 45°C to 60°C (temperature programmable) -> Completion	
ACCESSORIES		
Stainless steel	Mesh wire baskets, buckets (pails), and round test tube rack	
Factory or field installed	Floating (load) sensor, digital printer, and 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.