

Models HV-85 and HV-110 Specifications

MODEL	HV-85	HV-110
TEMPERATURE		
Operating Range	105°C to 135°C	
Display Range	5°C to 137°C	
Warming Range	45°C to 60°C	
Agar Dissolution	Heating at 60°C to 100°C for up to 1 hour (temp. and time programmable), followed by 45°C to 60°C (temp. programmable) for up to 20 hours.	
GAUGE PRESSURE		
Operating range	3 to 29 psi (0.2 to 2.0 kg/cm ²)	
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 x 25.6 x 39.4) in (66 x 65 x 100) cm	(26 x 25.6 x 46.5) in (66 x 65 x 118) cm
Chamber (Diameter x Height)	85 liters 16.5" x 24.2" (42 cm x 61.5 cm)	110 liters 16.5" x 31.3" (42 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 (slow, programmable) → Warming → Completion	
2. For liquids	Heating → Sterilization → Exhaust (slow, programmable) → Completion	
3. For solids	Heating → Sterilization → Exhaust (fast, programmable) → 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 tube rack	
Factory or field installed	Floating sensor and digital printer	
POWER		
Source	220V/240V, 50/60 Hz	
Consumption	3000 watts (3000VA)	4000 watts (4000VA)
SHIPPING WEIGHT		
	282 lb (128 kg)	308 lb (140 kg)