

MODELS HVA-85 and HVA-110 AUTOCLAVES

Portable Top-Loading Autoclaves With Cooling Fan and Advanced Safety and User-friendly Features



Space-saving design with lid opening upward.

Dual lid safety interlock prevents lid opening when a cycle is in progress, the chamber is pressurized, or the temperature exceeds 97°C.

One-touch lever to easily open and close the chamber lid.

Door-closure sensor prevents a cycle from starting unless the door is closed properly.

HVA-85: 85 liters
16.5" diameter x 24.2" height

Standard built-in cooling fan for faster post-sterilization cooling.

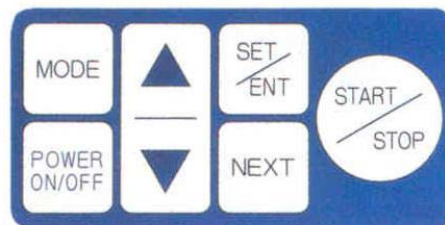
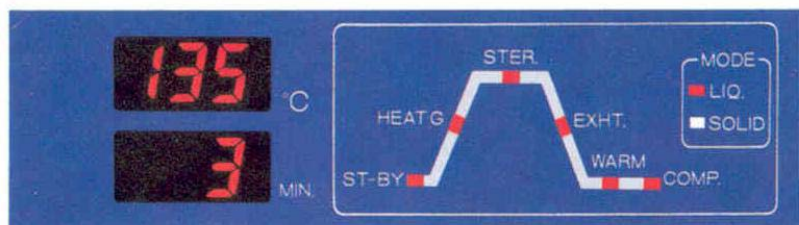
Agar sterilization mode sterilizes agar, and then automatically keeps it warm to prevent it from solidifying.

Agar melting mode for rapidly melting agar and then automatically maintaining it at liquid temperature, or for a hot and faster start-up.

In-process display shows status and progress of sterilization cycle.

HVA-110: 110 liters
16.5" diameter x 31.3" height

Control Panel



Amerex Instruments, Inc.

MODELS HVA-85 AND HVA-110

The HVA-85 and the HVA-110 offer a 85-liter and a 110-liter chamber, respectively. They are self-contained, portable floor models mounted on caster wheels. Equipped with a chamber 16.5" in diameter, they can accommodate significantly larger loads than 50-liter models. They are ideal for the sterilization of fermenters, media, wastes, and laboratory glassware.

SPECIFICATIONS

	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.	
PRESSURE		
Max. Pressure (Gauge)	0.26MPa	
Pressure Gauge Range	0 to 0.40MPa	
TIMER		
Sterilization	1 to 250 minutes	
DIMENSIONS		
Overall (W x D x H)	26" x 25.6" x 39.4", (66cm x 65cm x 100cm)	26" x 25.6" x 46.4", (66cm x 65cm x 118cm)
Chamber	85 liters, 16.5" diameter x 24.2" ht (42 cm x 61.5 cm)	110 liters, 16.5" diameter x 31.3" ht. (42 cm x 79.5 cm)
SAFETY DEVICES	Dual-sensing (temperature and pressure) 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 (choice of no exhaust and two exhaust rates plus fan cooling) → Warming → Completion	
2. For liquids	Heating → Sterilization → Exhaust (choice of no exhaust and two exhaust rates plus fan cooling) → Completion	
3. For solids	Heating → Sterilization → Exhaust (fan cooling) → Completion	
ACCESSORIES	Mesh wire baskets, buckets (pails), and a tube rack for 126 x 20-mm tubes	
POWER		
Source	220V±10%, 50/60 Hz, single phase	
Consumption	3000 watts (3000VA)	4000 watts (4000VA)
SHIPPING WEIGHT	245 lb (128 kg)	308 lb (140 kg)

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



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