

MODELS HVA-85 & HVA-110 AUTOCLAVES

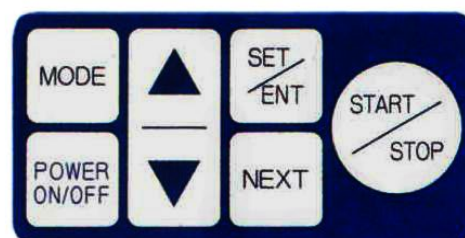
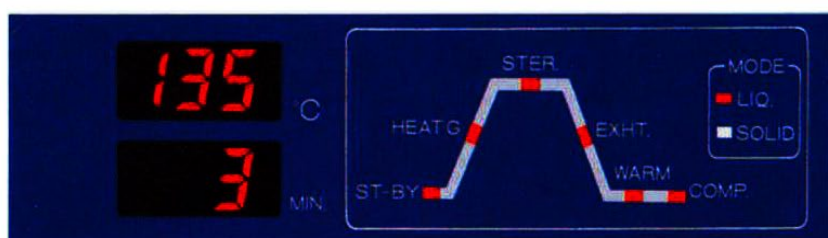
Portable Top-Loading Autoclaves with Cooling Fan and Advanced Safety and User-friendly Features

The HVA-85 and HVA-110 models incorporate 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.

- ▶ **Space-saving Design** with lid opening.
- ▶ **Dual Lid Safety Interlock** prevents lid when a cycle is in progress the chamber pressurized, or when the temperature exceeds 97°C.
- ▶ **One Touch Lever** to easily open and close the chamber lid.
- ▶ **Door-Closure Sensor** prevents a cycle starting unless the door is closed.
- ▶ **Standard Built-in Cooling** fan for faster post-sterilization cooling.
- ▶ **Agar Sterilization Mode** for sterilizing agar and automatically maintaining it at liquid temperature.
- ▶ **In-process Display** shows status of sterilization cycle.
- ▶ **Three Selectable Rates of Steam Exhaust:** no steam exhaust, or two slower rates.
- ▶ **HVA-110:** 110 liters, 16.5" diameter x 31.3" height
- ▶ **HVA-85:** 85 liters, 16.5" diameter x 24.2" height



CONTROL PANEL



Amerex Instruments, Inc.

MODELS HVA-85 AND HVA-110

SPECIFICATIONS	HVA-85	HVA-110
TEMPERATURE		
Operating Range	105°C to 135°C	
Display Range	10°C to 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. Also for melting sterilized agar.	
PRESSURE		
Max. Pressure (Gauge)	0.26MPa	
Pressure Gauge Range	0.021 to 0.206MPa	
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 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 (temperature and pressure) safety 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	
OPTIONS	Data logger	
POWER		
Source	208V/220V/240V±10%, 50/60 Hz	
Consumption	3000 watts (3000VA)	4000 watts (4000VA)
SHIPPING WEIGHT	255 lb (116 kg)	265 lb (120 kg)

Accessories: Baskets, Pails, Drums, and Round Tube Rack



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