

ACHIEVA BASIC STYLE CONSOLE GERMINATOR

The Achieva Basic Style Console Germinator is packed with all the features you expect from Seedburo. Used for plant growth, propagation of seeds, germination test and incubation that requires a controlled environment (hot/cold cycles and light dark operations).

The Achieva features include an advanced cooling refrigeration system that is hermetically sealed and uses an oil-cooler to improve operation in high ambient conditions. Walls use thick, foam-in place insulation.

Chamber environment can be controlled via solid state humidity controller. Built in heavy duty misting pump has a unique air flow assuring continuous humidity circulation for more reliable seed testing in both hot and cold cycles. Flexible humidity range from below ambient in the cold cycle to near saturation on continuous run selection. Bottom reservoir location and interior drain replenishes water supply, reducing the need for technician to monitor water level.

Exterior is white texture-coated steel. Smooth white interior produces an enhanced light refraction (lumens) for propagation tests. Interior stainless steel air duct and fan/evaporator cover assures greater air circulation. Oversized heavy-duty door, handle and door edge protector provide greater operator safety. The Achieva can hold a total of thirteen (13) 19" x 27" shelves at a 2¾" fixed spacing. Each germinator is shipped with four (4) 19" x 27" shelves and additional shelves can be ordered under part No. ATRAY. Temperature operating range is 32° to 100° F. Model A-3920 with a chart recorder is shipped with a package of 100 recording charts. Interior Dims: 20½" D x 26¾" W x 53" H. Exterior Dims: 30" D x 32" W x 88½" (with casters). Ship Dims 42" D x 44" W x 90" H. Net Wt. 395 lbs., Crated Wt. 480 lbs. Compressor 1/3 HP, Refrigerant R-134a, amp load: 13.65A, 120V, 1PH.

Easy to operate controls:

- Illuminated motor on/off switch
- Mode selector switch
- Two (2) single setpoint temperature controllers in both F/C, one for heat mode and one for cool mode. Operational range of 0° C to 38° C (32° F to 100° F) with variation factor of +/- 2° C

Our fully automated **Model A3920** is equipped with an indicating 7-day recording thermometer. A permanent record is kept with a sapphire tipped stylus. The technician has a highly accurate temperature record with no messy daily inking. Unit may be set for Manual hot or cold test, or automatic reset timers alternately control heat/cool, and light/dark cycles for the required duration of your test. White light tubes mounted on door generate lumens for the photo (light) test periods. The recorder and lights have manual override switches, should they not be required.

Single Chamber, 110V, 60Hz **No. A3920/B**
 Single Chamber, 220V, 50Hz **No. A3920/C**

Model A3820 provides the technician with all of the automatic controls and functions of our A3920, with the exception of the recording indicating thermometer. An eye-level, large dial thermometer, indicating chamber temperature shows Fahrenheit and Celsius.

Single Chamber, 110V, 60Hz **No. A3820/B**
 Single Chamber, 220V, 50Hz **No. A3820/C**



- Three (3) fluorescent tubes per chamber producing 9,828 lumens
- Two (2) reset timers w/pilot lights, automatically and individually control heat and cool modes.
- 7-day recording/ indicating thermometer is extremely accurate, requires no inking. Pressure sensitive charts, sapphire tip stylus, w/ illuminated manual on/off switch (Model A3920)
- Exterior mounted 5" dial thermometer (°F and °C) on all other models.

Model A3620 is used when complete automation is not required. This model functions with the same close temperature and humidity tolerances as the sophisticated predecessors, but are manually operated and thermostatically controlled. Light/dark and cool/heat cycles will produce the same accurate test results.

Single Chamber, 110V, 60Hz **No. A3620/B**
 Single Chamber, 220V, 50Hz **No. A3620/C**

Model A3520 is our most basic germinator. It retains all of Seedburo's high quality construction, features and close temperature and humidity tolerances. Units operate manually on heat and cool cycles with no light/dark capabilities.

Single Chamber, 110V, 60Hz **No. A3520/B**
 Single Chamber, 220V, 50Hz **No. A3520/C**
 Extra 19" x 27" Tray **No. ATRAY**
 Extra Tray Slides (Pair) **No. AETSLIDE**

Weekly Recording Charts:

20° F to 120° F (Pkg/50) **No. 20120WF**
 Same -30° C to 38° C (Pkg/50) **No. 3038WC**
 Domestic Packing **No. A3/DOM**
 Export Crating **No. A3/EX**