

Lab-Line Environmental Chambers



Plant Growth



Model 844

For All Your Plant Growth Needs!

- Chamber size of 20 cu.ft.
- Temperature control from -5°C to 55°C (+10°C to 55°C with lights on)
- 24 hour timer/programming for lighting and temperature

Product Description

- Durable enamel-finished steel chamber construction.
- Day and night thermostats with selector switch for automatic operation.
- Adjustable Hi-Lo thermostats provide temperature back-up to safeguard samples.
- LED display for accurate temperature readings.
- Four 20 watt adjustable fluorescent lamps plus two fixed 25 watt incandescent lamps for more than 1000 foot candles of illumination.
- Includes four shelves and five door shelves for additional capacity.

Application

- Designed to facilitate many botanical and agricultural research applications including seed germination studies, plant pathology, plant tissue culture studies and plant genetic research.

PRODUCT SPECIFICATIONS

Model #	Chamber Volume cu. ft. (l)	Shelf Area sq. ft. (sq. m)	Chamber Dimensions Inches (cm)			Overall Dimensions Inches (cm)			Shipping Weight Lb. (kg)
			W	H	D	W	H	D	
844	20 (566)	12.1 (1.1)	27 (69)	50 (127)	20 (51)	32 (81)	77.9 (198)	29.5 (75)	391 (177)
844-2	20 (566)	12.1 (1.1)	27 (69)	50 (127)	20 (51)	32 (81)	77.9 (198)	29.5 (75)	391 (177)
845*	20 (566)	12.1 (1.1)	27 (69)	50 (127)	20 (51)	32 (81)	77.9 (198)	29.5 (75)	391 (177)
845-2*	20 (566)	12.1 (1.1)	27 (69)	50 (127)	20 (51)	32 (81)	77.9 (198)	29.5 (75)	391 (177)

*These models feature controlled humidification from ambient dew point to 70% R.H., +5% R.H.

ORDERING INFORMATION

Model #	Volts	Electrical Hz	Watts	Required Amps	Operating Temp Range °C without lights*	US List Price
844	120	60	2400	20	-5° to 55°C	\$7,272.00
844-2	220	50	2400	20	-5° to 55°C	\$7,568.00
845	120	60	2400	20	-5° to 55°C	\$9,238.00
845-2	220	50	2400	20	-5° to 55°C	\$9,238.00

*Temperature range with all lights on is +10° to 55°C

ACCESSORIES

Model #	Description	US List Price
844-6	Extra Shelves for 844 and 845	\$106.00
019-168-00	Deionization assembly for models 845 and 845-2 (wall mount)	\$273.00