Drosophila and Small Insect Chambers with Standard Refrigeration (R290)

Drosophila and small insect chambers offer a comfortable, controlled environment for breeding, raising, and experimenting with fruit flies, mosquitos, sand flies and other insects. These chambers have a 2-50°C temperature range, with digital control displaying actual and setpoint temperatures. High and low temperature failsafes protect the chamber from excessive temperatures. Casters, epoxy-coated wire shelves and an RH meter are standard features. These chambers can also reach 60°C for a 3 hour mite cycle.

Because different insect species, or research with them, demand differing levels of temperature/humidity/lighting, three levels of parameter control are offered on most size chambers. When requesting a price quotation, please specify the model and level that interest you.

Level 1 - Chambers have 2-50°C temperature control, glass doors for room light penetration, an interior door light with on/ off switch, and an RH meter. A 3-hour mite cycle at 60°C can be performed.

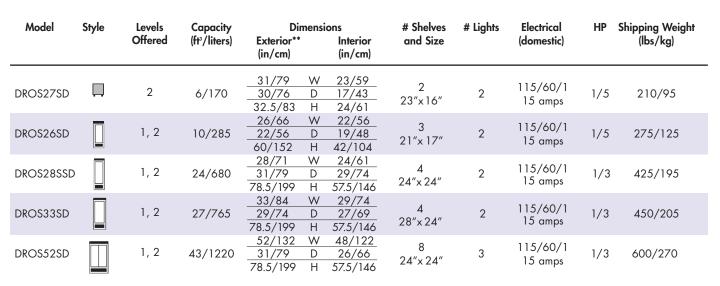
Level 2 - Chambers have 2-50°C temperature control, solid doors and clock-controlled door lights* (one 3500K LED light on each side of the door opening), and an RH meter. A 3-hour mite cycle at 60°C can be performed.

Level 3 - Chambers with additive humidity are not available with standard refrigeration. See thermoelectric models.

Options such as a temperature alarm, light dimmers, dual-point (day/night) temperature control, and extra shelves are popular.

*Lights in the DROS27SD are horizontally mounted, one per shelf.

Model DROS33SD Level 2 (with optional alarm)



^{**}Excluding casters.

Drosophila and Small Insect Chambers with Thermoelectric Cooling (Peltier)

Drosophila and small insect chambers offer a comfortable, controlled environment for breeding, raising, and experimenting with fruit flies, mosquitos, sand flies and other insects. These chambers have a 15-50°C temperature range, with digital control displaying actual and setpoint temperatures. A high temperature failsafe protects the chamber from excessive temperatures. Casters, epoxy-coated wire shelves and an RH meter are standard features. These chambers can also reach 60°C for a 3-hour mite cycle.

Please note that thermoelectric cooling is not as powerful as a standard refrigeration system with vapor cooling (R290). Ambient room temperature will affect the cooling capabilities, so to reach 15°C, ambient air should be 22°C or less. However, these chambers are very energy efficient.

Because different insect species, or research with them, demand differing levels of temperature/humidity/lighting, three levels of parameter control are offered on most size chambers. When requesting a price quotation, please specify the model and level that interest you.

Level 1 - Chambers with glass doors are not available with thermoelectric cooling. See standard refrigeration models.

Level 2 - Chambers have 15-50°C temperature control, solid doors and clock-controlled door lights (one 3500K LED light on each side of the door opening), and an RH meter. A 3-hour mite cycle at 60°C can be performed.

Level 3 – Chambers have 15-50°C temperature control, clock-controlled door lights (one 3500K LED light on each side of the door opening), additive ultrasonic humidity control with RO or tap water, digital RH display, and a white powder coat aluminum interior.

Options such as a temperature alarm, light dimmers, dual-point (day/night) temperature control, and extra shelves are popular.



Model DROT33SD/TE Level 2

Model	Style	Levels Offered	Capacity (ft³/liters)	Dimension Exterior** (in/cm)	ons Interior (in/cm)	# Shelves and Size	# Lights	Electrical (domestic)	Shipping Weight (lbs/kg)
DROS26SD/T	те 🔲	2, 3	10/285	26/66 W 22/56 D 60/152 H	22/56 19/48 42/104	3 21″×17″	2	115/60/1 15 amps	275/125
DROS28SSD,	/TE 	2, 3	24/680	28/71 W 31/79 D 78.5/199 H	24/61 29/74 57.5/146	4 24"× 24"	2	115/60/1 15 amps	425/195
DROS33SD/T	ТЕ 🔲	2, 3	27/765	33/84 W 29/74 D 78.5/199 H	29/74 27/69 57.5/146	4 28"× 24"	2	115/60/1 15 amps	450/205
DROT33SD/T	TE	2, 3	30/850	33/84 W 29/74 D 78.5/199 H	29/74 24/61 69/175	5 28"×24"	2	115/60/1 15 amps	475/215

^{**}Excluding casters.