



Sentinel Elite50X

Dehumidifier



Technical Specifications

Voltage	115 V
Power	376 W
Coverage	1,300 sq. ft.
Weight	56.43 lbs
Dimensions (L x W x H)	16.14 x 15.15 x 26.85 in.
Capacity (AHAM, 80°F, 60% RH)	50 pints/day
Capacity (Saturation, 90°F, 90% RH)	110 pints/day
Power Cord Length	11.48 ft
Drain Hose Length	6.5 ft / 19.6 ft
Operating Temperature Range	37.4-100.4°F
Adjustable Humidity Range	35-90% RH
Draining Options	Gravity Drain / Pump Drain
COP	2.7 L/kWh

PRODUCT OVERVIEW

The **Sentinel Elite50X Dehumidifier** is a high-performance commercial dehumidifier designed to tackle excess moisture in garages, basements, gyms, and other large spaces up to 1,300 sq. ft. Equipped with advanced SLGR technology and a rugged yet portable design, this unit delivers reliable humidity control in demanding environments. Whether for residential or commercial use, the Elite50X dehumidifier helps protect your property from mold, mildew, and moisture-related damage while creating a healthier, more comfortable atmosphere.

APPLICATIONS



Restaurant



Gym



Wine Storage Room



Warehouse

KEY FEATURES

High Performance

The **Sentinel Elite50X Dehumidifier** removes up to 50 pints/day under AHAM conditions (80°F, 60% RH) and up to 110 pints/day at saturation (90°F, 90% RH). Designed for areas up to 1,300 sq. ft., it combines powerful moisture removal with low-noise operation, making it ideal for both residential and commercial environments where comfort matters.

Portable and Easy to Move

Designed for mobility, this dehumidifier features two large wheels, allowing you to easily move it from one location to another. The compact design and sturdy handle provide added convenience for transportation.

Flexible Draining Options — Your Way

This unit includes 2 hoses (6.5 ft / 19.6 ft) and supports both gravity and pump drainage. The built-in pump enables vertical lift up to 19.6 ft, providing versatile installation options for any space.

Smart Digital Control Panel

The user-friendly digital control panel offers an intuitive interface for setting and monitoring humidity levels from 35% to 90%. It features Real-Time Humidity Display, GPP Mode Selection, Auto Defrost, and Automatic Restart, ensuring reliable and hassle-free operation.

Convenient Design

The unit features a rear power cord wrap that keeps the cable neatly organized and out of the way. In addition, a bottom storage compartment with a manual latch provides extra space for keeping small accessories organized.



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