



ZEPHYR
EQUIPMENT

504 FOUR CHUTE BEDDING DISPENSER

The Zephyr Equipment Series 504 Bedding Dispenser is a semi-automatic unit designed to dispense bedding into up to four standard rodent cages at once or individually. Suitable for all free-flowing bedding materials, the system uses vacuum transfer, photoelectric sensing, and fast-acting valves to deliver a consistent, adjustable fill. A color touchscreen interface allows quick changes to dispense volume and cage settings, while spilled bedding is captured and returned to the dispense hopper to reduce waste.



4-CHUTE
DISPENSE METHOD

10 CU.FT.
STORAGE VOLUME

VACUUM
LOCAL & REMOTE REFILL

ALLERGEN
DUST COLLECTOR

KEY FEATURES

CONTROLLED VOLUME

High-speed pneumatic valves ensure a controlled volume of bedding is dispensed into each cage placed beneath each chute. Cage presence sensors confirm a cage is correctly located and ready to accept bedding.

VACUUM REFILL SYSTEM

Fill the refill hopper by emptying bags directly or connect to a central bedding delivery system. Bedding is conveyed to the dispensing hopper by internal vacuum system.

MICROPROCESSOR CONTROLS

Color touch screen interface provides quick adjustability to dispensed bedding volume, conveyor speed, and system settings with full diagnostics and support by Zephyr's Remote Service Program

Built In Allergen Dust Collection

Color touch screen interface provides quick adjustability to dispensed bedding volume, conveyor speed, and system settings with full diagnostics and support by Zephyr's Remote Service Program

SPECIFICATIONS

Construction	304 Stainless Steel, #4 Finish
Storage Volume	10 Cubic Feet
Chute Quantity	Four (4)
Actuation	Fast Acting Pneumatics
Bedding Transfer	Vacuum system (Remote Refill Capable)
Dimensions	48" Long x 33" Wide x 93" Tall
Floor To Frame	Adjustable Leveling Feet
Maintenance Access	Front, Side & Rear Panel Access
Controls	Microprocessor w/ Color HMI
Sensors	High/ Low Level & Compressed Air

**READY TO
CONNECT?**

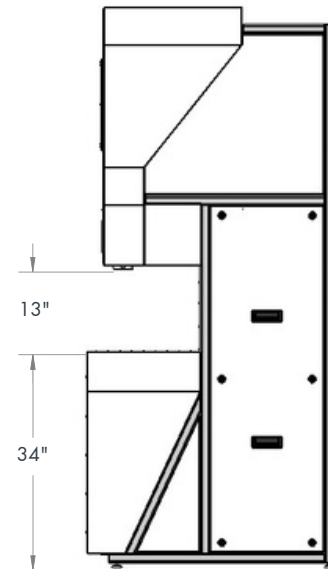
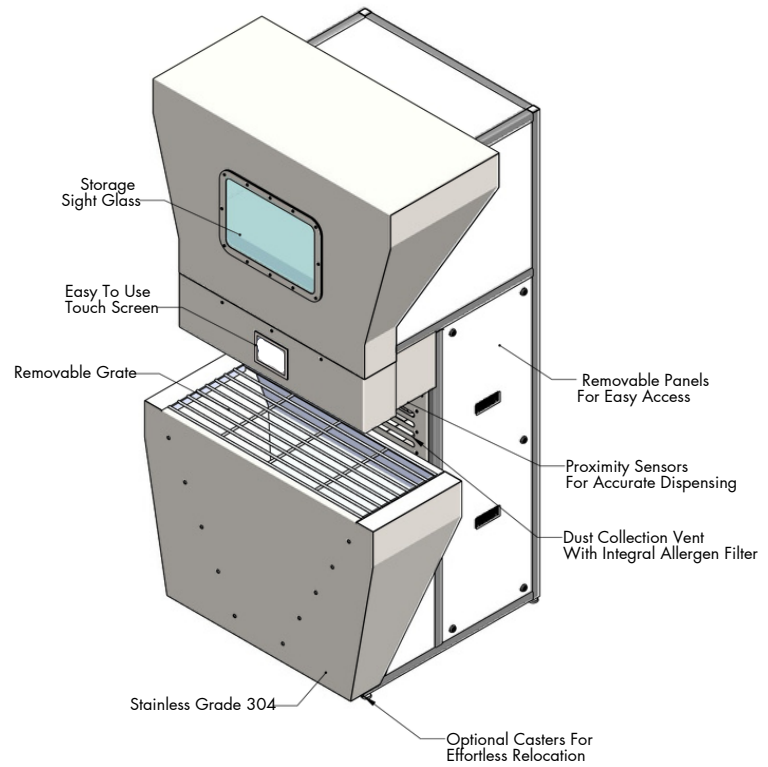
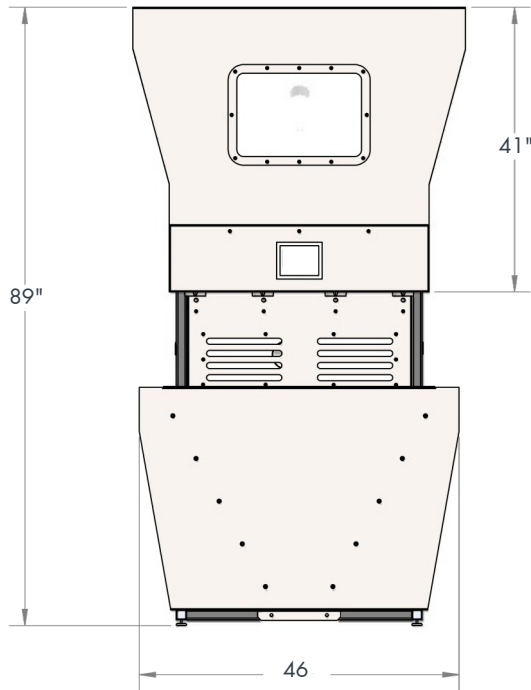
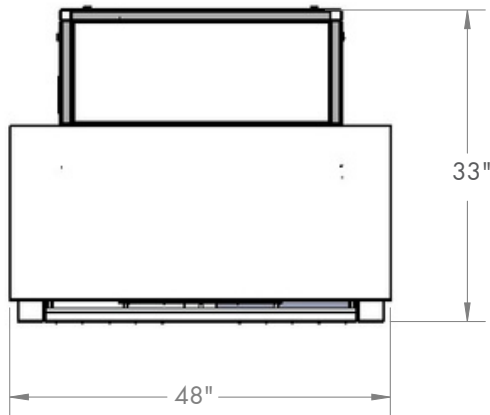
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DIMENSIONS OF THE 504 SERIES 4 CHUTE BEDDING DISPENSER

Drawing data is for general reference ONLY.
Certified drawings for your application available upon request.



UTILITY REQUIREMENTS

ELECTRICAL	30 AMP AT 460 COLT, 60 HERTZ, 3 PHASE OPTIONAL: 30 AMP 120 VAC, 60 Hz., 1 Ph.
COMPRESSED AIR	1/2" NPT (F) CONNECTION
AIR PRESSURE	100 PSI MAX. (80 PSI) (CLEAN & DRY AIR)
AIR CONSUMPTION	4-6 CFM @ 90 PSI

COB



CHIP



PELLET



PAPER



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