Your trusted global partner in life-saving research

For over 50 years, Allentown has provided critical solutions to the biomedical research community. Our high-quality equipment and advanced vivarium systems continue to define and exceed industry standards. Like everything we do, our unparalleled customer service is stamped with the Allentown hallmarks of integrity, dedication and care.

FlexFlow™

BEDDING DISPENSER

OVERVIEW

Providing critical solutions with integrity and care.

What Makes FlexFlow Flexible, Ergonomic, and Efficient?

Our new unit efficiently dispenses a wide variety of bedding types to a great range of cage sizes – with options to customize exact bedding amounts – while having the smallest footprint of its category in the industry – all while being safe. And although it is half the size of most bedding dispensers, it has the same throughput capabilities. Plus, its compact size makes it easy to connect with others to maximize any facility's bedding dispensing capacity – or the option to position single units strategically in various locations to improve workflow. Lastly, FlexFlow's safety features, combined with its compact design, make it extremely ergonomic.

Flexible – What makes FlexFlow so flexible, is it easily adapts to various situations while performing extremely well. FlexFlow can work with a large variety of cage sizes, with almost any bedding type and any amount of bedding.
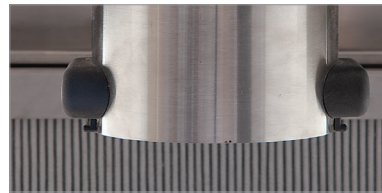
Ergonomic – FlexFlow is half the size of most bedding dispensers, creating more space. More space equals more ergonomic. How? Because facilities will have more freedom to make work areas more compact, to make workflow simple and customizable. What's more, FlexFlow is equipped with safety features to protect operators and ensure a safe working environment.

Efficient – FlexFlow delivers precisce amounts of bedding accurately and consistently, due to its updated technology. Also, FlexFlow has the option to dispense to one or two cages at a time. Plus, its motion sensor technology is quick and efficient.

HMI – FlexFlow's large, color, touchscreen is as intuitive and user friendly as any smartphone. This easy-to-use and read interface gives access to maintenance operations, animated help screens, and more. It makes working with FlexFlow a breeze.

COMPONENTS

Features and Benefits of FlexFlow

It's half the size of typical bedding dispensers with equal throughput capabilities, dispensing up to two cages at a time

Dispenses a wide variety of bedding types (including typically problematic types)

Operators can customize exact bedding amounts for an unlimited number of cage sizes

Quickly and accurately dispenses to 750 mouse cages per hour

Can be connected together with others to maximize the dispensing capacity of a facility, or positioned individually in various locations to improve workflow

With the combination of motion sensor directed work-area airflow, pre-filter, and 99.99% efficient H13 HEPA filter, user safety is ensured

It's compact, easy to fill, easy to maintain, and easy to use –which makes it ergonomic

A large, intuitive, color touchscreen interface – displays bedding level and alerts you before you run out of bedding

A new and improved agitator and spiral motor prevent bedding from jamming

The cyclone particulate trap ensures reliable mechanical operation by reducing the amount of fine particulate matter reaching the vacuum filter, prolonging the life of the vacuum filter

Filters have a mesh cover so they can be easily vacuumed without damaging the filter material

Total bedding capacity:
- 2 – 3 bags (20 lbs each) in upper hopper
- 1 bag (20 lbs) in lower hopper

SPECIFICATIONS

Depth (A)	Width (B)	Height (C)	Max. Cage Height (D)	Worksurface Depth (E)	Worksurface Width (F)	Worksurface Height – from Floor (G)	Weight*	Bedding Capacity	Noise Level (dBa)		
in	in	in	in	in	in	in	lbs	Bags (20 lbs)	Standby Mode (Blowers Only)	Fill Mode (Blowers and Vacuum System)	Dispense Mode (Blowers and Dispense System)
Bedding Dispenser											
34.4	30.5	81.7	12.0	17.9	24.2	33.5	480	3 – 4	57.0 – 62.0	72.5 – 74.8	67.1 – 69.5

* All weights are approximations.

Notes

Airflow:
- Work area inflow volume:
  120 – 160 cfm
- Work area inflow average velocity:
  60 – 80 f / m
- Blowers (qty. 2 per unit):
  EC motorized impeller, 28W

Filters:
- HEPA Filter size: 18.5 x 10.0 x 3.06 in
- Pre-filter size: 21.5 x 10.0 x 0.50 in

Construction:
- Frame structure: 1-inch square tubing, powder-coated steel
- Exterior panels: 18 ga. (.048-inch thick) powder-coated steel
- Interior parts: 18 ga. (.048-inch thick) 304 stainless steel
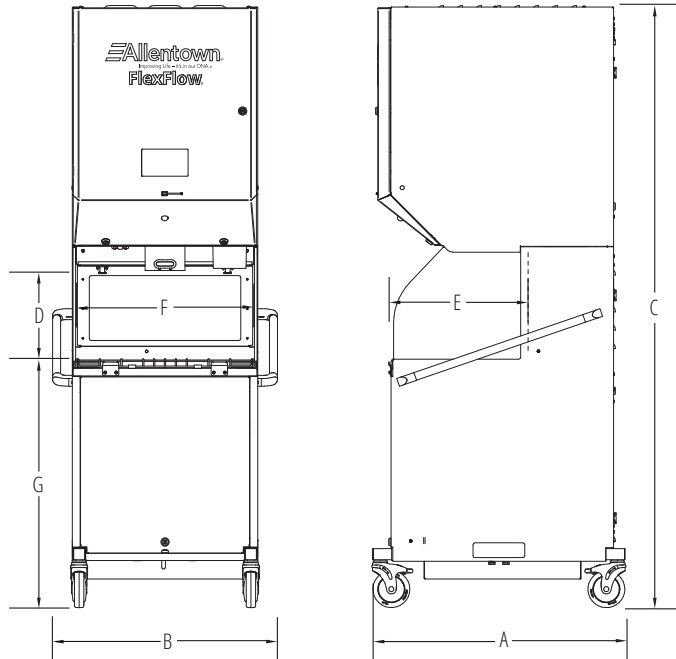- Side shields: 3/8-inch thick acrylic

Dispense Rate:
- Mouse (500 cm^2): 100 g
  single mode: 10 – 12 cages per minute
  double mode: 15 – 20 cages per minute
- Rat (900 cm^2): 200 g
  single mode: 8 – 10 cages per minute
  double mode: 12 – 15 cages per minute

Agency approvals: CE, UKCA, ETL

Cordset:
- Power cord, 10 feet, black

Maximum Operating Current (Amps)	Volts	Hz	Amps	Cable
Technical Specifications – Electrical				
14	100 – 115	50 / 60	20	Single phase
7	208 – 230	50 / 60	10	Single phase