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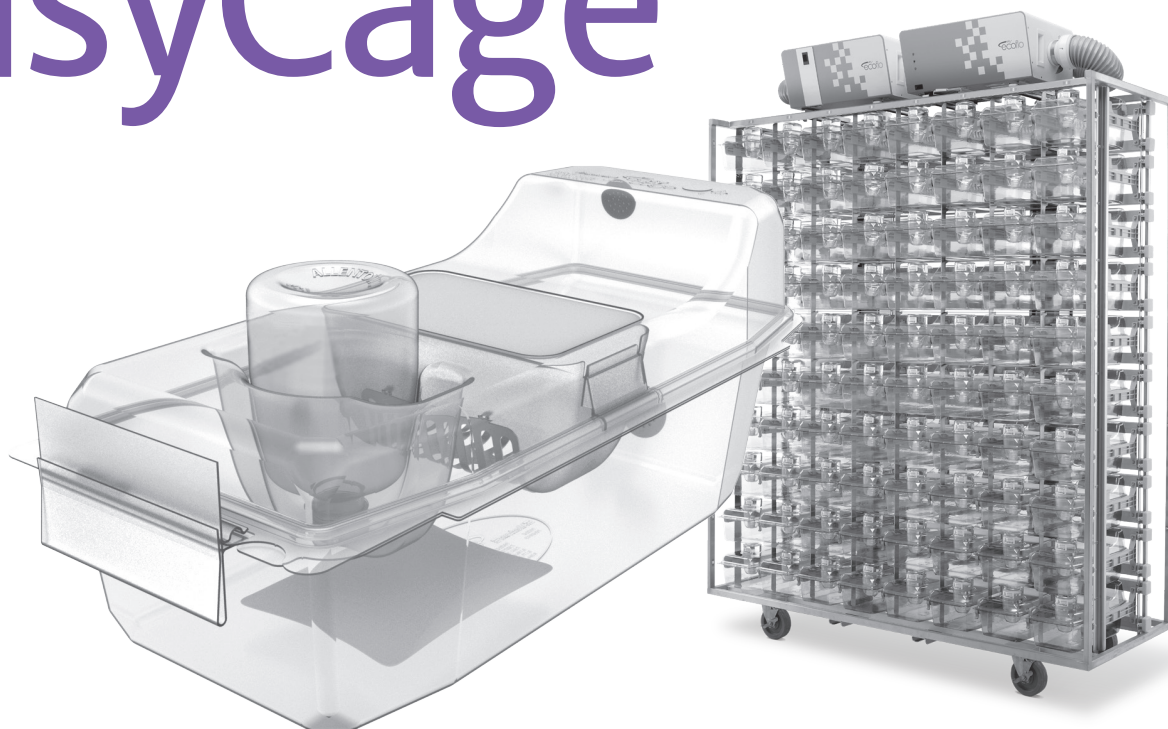
For over 50 years, Allentown has provided critical solutions to the biomedical research community. Our high-quality equipment and advanced vivarium systems continue to define and exceed industry standards. Like everything we do, our unparalleled customer service is stamped with the Allentown hallmarks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

EasyCage®

MOUSE

OVERVIEW

Providing critical solutions with integrity and care.

# Disposable, Recyclable, Retrofittable Caging

EasyCage Mouse is a disposable, recyclable, retrofittable caging option that works in conjunction with Allentown's NexGen Mouse IVCs. Because it's disposable, the EasyCage eliminates cage processes such as washing and autoclaving, streamlining vivarium operations while at the same time improving performance, bio-security, ergonomics, and energy consumption.

All plastic components come decontaminated and ready to use right out of the box.

Once assembled, EasyCages can then be placed directly into a NexGen Mouse IVC and used immediately.

When finished using, bedding is discarded and the cage can then be recycled or disposed of. With no post-use processing necessary, putting cages in to and out of use couldn't be any easier.

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Improving Life – it's in our DNA.®

EasyCage
MOUSE

COMPONENTS
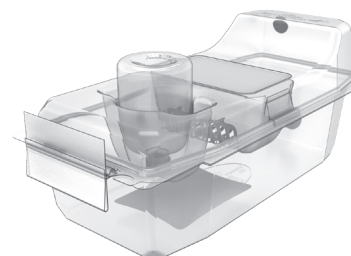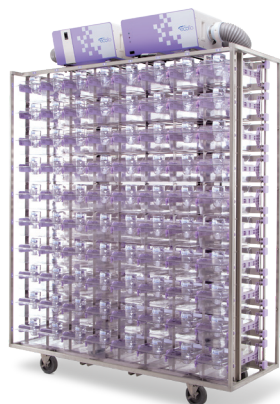
IVC System

Positive or negative precision air controlled rack

Up to 180-cage capacity

Lightweight, compact, and autoclave compatible rack design

Plastic (polysulfone) cage support runners with integrated spring operated cage lock with docking indicator

Ergonomic, single finger motion docking with auto-locking feature

Horizontal airflow manifolds with tethered dual silicone end caps for ease of cleaning

5-inch and 3.5-inch diameter stainless steel casters with gray polypropylene wheels with sealed ball bearings and four foot-operated brakes

Rear exhaust and supply plenum configurations for single-sided IVCs, or same side exhaust and supply plenum configurations for double-sided IVCs

4-inch diameter vertical supply and 4-inch diameter vertical exhaust plenums with back and bottom door access

304 stainless steel, welded frame construction, utilizing both square and rectangular structural tubing

Cage air tubes are 304 stainless steel

Automatic watering available

Row and column identification labels

Model number and serial number identification labels

Compatible with all configurations of EcoFlo™ blowers

Compatible with WiVarium Plus™ and Wi-Com Vantage™

Compatible with Sentinel™ EAD® and Sentinel2™ Colony Health Monitoring systems*

Compatible with Wi-Com Sensus™ Animal Inventory System

Accommodates both NexGen reusable and EasyCage® single-use cage systems

Cage System

EasyCage Mouse Base
- Made from recyclable, BPA-free, PET
- Floor area: 77.5 in²
- Pre-bedding options: NestPak® ¼-in ALPHA-dri®, ¼-in Corn Cob, or ⅛-in Performance BioFresh™
- Snap fit with EasyCage Mouse Lid
- Sealed supply filter maintains the micro-environment

EasyCage Mouse Lid
- Made from recyclable, BPA-free, PET
- Integrated bottle well
- Snap fit with EasyCage Mouse Base
- Sealed filters maintain the micro-environment

EasyCage Mouse Feeder
- Recyclable, HDPE plastic
- Aluminum grate
- Food capacity: 1 lb
- Reusable beyond one cage change

EasyCage Cardholder
- Recyclable PVC
- Accommodates 3 in x 5 in or 3 in x 4 in
- Slides onto EasyCage Mouse Lid

EasyCage Watering
- Recyclable, BPA-free, PET
- Purified water
- 300 mL filled (Empty bottles also available)
- Automatic watering version available

NestPak Bedding
- ¼-in ALPHA-dri, ¼-in Corn Cob, or ⅛-in Performance BioFresh
- A 3-in-1 solution: bedding, nesting and enrichment
- Reduces airborne particulates and allergens
- FDA-approved paper containing a consistent amount of bedding
- Safe for both autoclaving and irradiation

All plastic components come decontaminated and ready to use.

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COMPONENTS

**Standard Cage System
with External Bottle Lid**
7.563 in x 6.677 in x 16.571 in
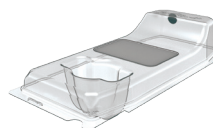Floor space: 77.5 in²
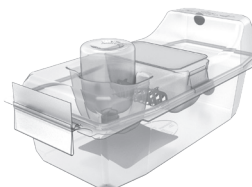
Bottle

300 mL | .75 lbs (filled)
Item # 228333-1
(Empty bottle option available:
Item # 228333-4-R | .05 lbs

Lid

Hydropac®1 / Bottle Lid
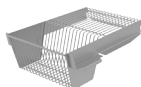7.563 in x 4.739 in x 16.370 in | .25 lbs

No Bottle Hole Lid
7.563 in x 4.739 in x 16.370 in | .25 lbs

Cardholder

Accommodates 3 in x 5 in or 3 in x 4 in | .05 lbs
Item # 228539-V

WBL / Feeder

Half Pocket Wire Bar Lid
Food capacity: 454 g
6.895 in x 2.966 in x 9.397 in | .48 lbs
Item # 414085

**Plastic Feeder
with Aluminum Grate**
Food capacity: 454 g
6.946 in x 2.875 in x 3.249 in | .10 lbs
Item # 316048-2-R

Feeder Cover Plate
5.875 in x .272 in x 3.310 in | .13 lbs
Item # 230174

Aluminum Feeder
Food capacity: 454 g
6.925 in x 2.890 in x 3.183 in | .08 lbs
Item # 230306-R

NestPak

¼-in ALPHA-dri, ¼-in Corn Cob,
or ⅛-in Performance BioFresh

Base

Base
7.563 in x 4.052 in x 16.324 in | .30 lbs
Item # 125908-R (without automatic watering – shown above)
Item # 126125-R (with automatic watering)
Item # 126146 (reusable grommet) is required for automatic watering

[1] The feeder / watering device is approved by Hydropac / Lab Products, Inc. for use with Hydropac® branded valves and pouches.
All dimensions shown (Width x Height x Depth). All component data shown above are accurate as of publication date, but are subject to change without notice.
Please consult with your Technical Sales Consultant before ordering to ensure accuracy.

EasyCage
MOUSE

COMPONENTS

Size	Depth (A)	Width (B)	Height[1] (C)	Height[1,2] (D)	Matrix		Sides	Weights[3] (loaded)	Weights[3] (unloaded)	Animal Capacity	ACH	Supply Air	Exhaust Air (+)	Exhaust Air (−)	Energy Use	Heat Load
	in	in	in	in	Col.	Row		lbs	lbs			CFM	CFM	CFM	Watts	Watts
5-inch Casters																
60	24.5	51.688	80.076	81.202	6	10	1	385	275	300	50	14	11	18	10.8	9.7
70	24.5	59.750	80.076	81.202	7	10	1	415	310	350	50	16	12	20	11.1	10.0
80	24.5	67.812	80.076	81.202	8	10	1	500	376	400	50	18	14	23	11.5	10.4
120	35.0	55.857	80.076	81.202	6	10	2	580	412	600	50	27	20	34	11.7	10.5
140	35.0	63.919	80.076	81.202	7	10	2	630	420	700	50	32	24	40	13.0	11.7
160	35.0	71.981	80.076	81.202	8	10	2	700	464	800	50	36	27	45	13.6	12.3
3.5-inch Casters																
60	24.5	51.688	78.589	79.715	6	10	1	385	297	300	50	14	11	18	10.8	9.7
70	24.5	59.750	78.589	79.715	7	10	1	415	347	350	50	16	12	20	11.1	10.0
80	24.5	67.812	78.589	79.715	8	10	1	500	360	400	50	18	14	23	11.5	10.4
120	35.0	55.857	78.589	79.715	6	10	2	580	430	600	50	27	20	34	11.7	10.5
140	35.0	63.919	78.589	79.715	7	10	2	630	479	700	50	32	24	40	13.0	11.7
160	35.0	71.981	78.589	79.715	8	10	2	700	530	800	50	36	27	45	13.6	12.3

Note: a.) Airflow at sea-level   b.) Rack weight without blowers, animals, bedding or watering   c.) Airflow tolerance ± 10 %   d.) Other configurations available.
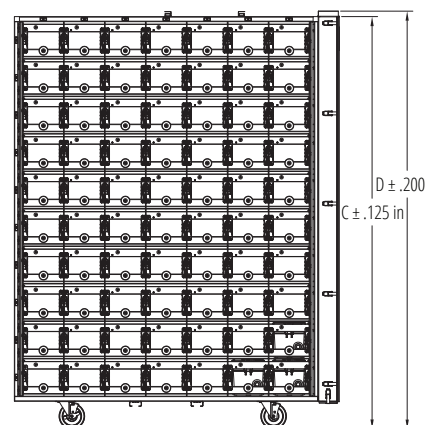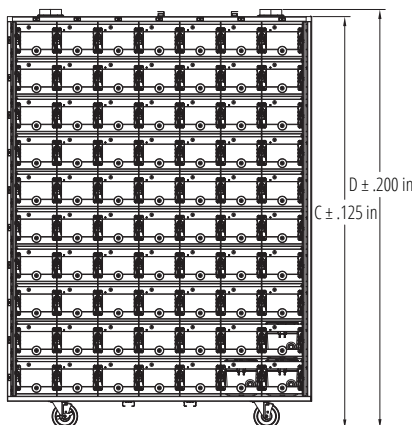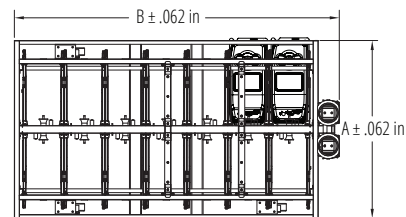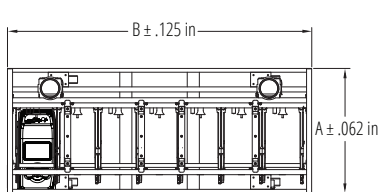[1] Height includes casters. Add 9.74 inches to 11.70 inches for rack mounted blowers   [2] Height includes removable runners and collars   [3] All weights are approximations
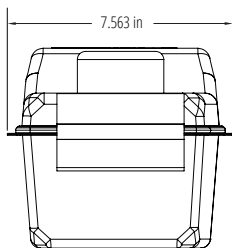
Notes

Optional top panel

Optional bumpers may change dimensions

Multiple blower configurations

Allentown recommends that projects that have critical size, airflow, water or electrical needs be handled through approval drawings to ensure all critical areas are addressed and have visibility throughout the team including, A&E, MEP and construction persons.

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SPECIFICATIONS

External Dimensions

16.571 in

6.677 in

7.563 in
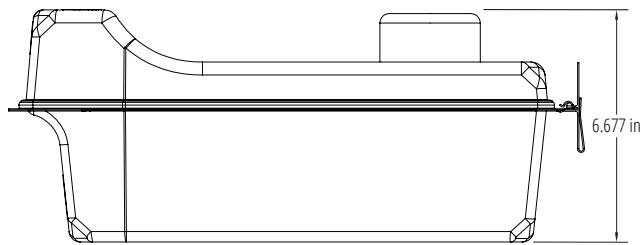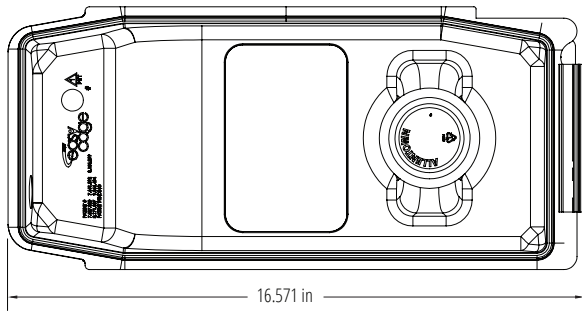
Internal Dimensions

Half Pocket Wire Bar Lid

5.110 in

.25 in

77.5 in²

Plastic Feeder with Aluminum Grate

6.615 in

.25 in

77.5 in²

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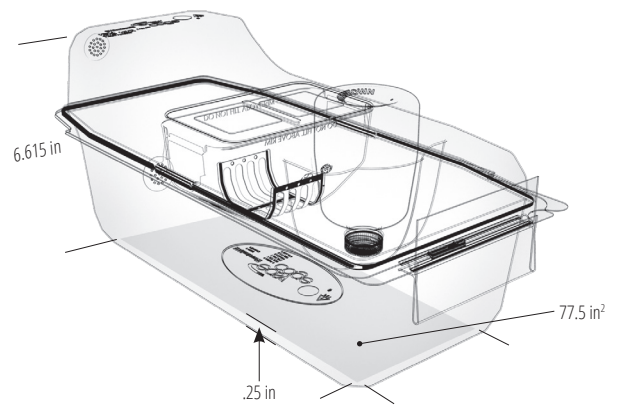
SPECIFICATIONS − PACKAGING

Description	Items per Box	Box			Items per Pallet	Pallet		
		Depth (A)	Width (B)	Height (C)		Depth (D)	Width (E)	Height (F)
		in	in	in		in	in	in
Bottle								
Filled	24	11.00	14.00	4.50	1080	48.00	40.00	65.50
Empty	96	19.50	11.63	17.38	3072	48.00	40.00	75.25
Lid								
Hydropac®* / Bottle	100	15.00	18.50	17.00	2200	48.00	40.00	73.00
Cardholder								
Plastic	100	9.50	8.00	12.25	12000	48.00	40.00	79.77
Feeder								
Plastic with Aluminum Grate	100	17.20	14.10	10.10	4800	48.00	40.00	74.00
Aluminum	100	17.50	14.75	7.31	4500	48.00	40.00	58.00
Base								
Empty	50	12.50	18.50	17.00	1050	48.00	40.00	72.00
Bedded[1]	50	18.13	18.50	16.75	800	38.00	38.00	73.00

[1] NestPak ¼-in ALPHA-dri, ¼-in Corn Cob, or ⅛-in Performance BioFresh

Half Pocket Wire Bar Lid

1.126 in

1.126 in TYP.

2.993 in

9.397 in

13.127 in (10)

12.002 in (10)

7.497 in (5)

6.372 in (5)

2.993 in (1)

1.868 in (1)

0

0

6.895 in

*The feeder / watering device is approved by Hydropac / Lab Products, Inc. for use with Hydropac® branded valves and pouches.

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