

The RAIR HD Ventilated Micro-Isolator[®] Animal Housing Systems

Continuous Innovation and Technological Refinement



RAIR HD Super Mouse 750™



RAIR HD World Cage 500™



RAIR HD One Cage 2100™

Building upon decades of continuous innovation and refinement of animal housing technology, the RAIR HD sets a new standard for performance, reliability, quality and economical operation.

Ventilate up to 180 cages with very low energy use while assuring the well-being of your animals and personnel, for which Lab Products AllerZone™ Micro-Isolator[®] systems are well known.

- Low Energy Usage – 24 Watts / Rack
- AllerZone™ Control of Airborne Allergens – Independently Tested & Certified
- Negative Rack Containing Positive Cages, Protecting Animals and Personnel
- Precise Microprocessor Balanced Airflow from Cage to Cage (+/- 1 ACH)
- Cage Air Docks NIST Certified for Orifice Precision, Balanced and Controlled Airflow
- Airflow Rates Remain Stable with Any Number of Cages
- Micro-Isolator[®] – Remains Effective during Power Loss



RAIR HD One Cage 2100™: Two cage sizes on one rack for housing rats, mice, hamsters or guinea pigs with snap-on modular feeders.



lab products

The RAIR HD Super Mouse 750™



RAIR HD Super Mouse 750™

The RAIR HD design delivers precision supply and exhaust airflow, greatly increasing efficiency and saving energy with new smaller, lighter and quieter RAIR Enviro-Gard™ units.

If a power outage disrupts ventilation, cages immediately revert to a static mode with natural air convection; your animals can still breathe and the integrity remains intact.

**RAIR HD
Increases
Efficiency and
Streamlines
Your Workflow**



*Maximize Capacity - Up to 180 Cages
with a Floor Area >75 in² / > 483 cm².*

The bold new look of RAIR HD includes inline air supply units and a control panel conveniently positioned for easy access. Optional air exhaust units are top mounted with a low profile. Lab Products does offer a distinct advantage when connecting to building HVAC exhaust systems. Due to the AllerZone™ exhaust canopy design, there is no requirement for costly, high accuracy exhaust flow control devices. Fluctuations in building exhaust flows will not adversely affect the animal's cage environment.

RAIR HD Super Mouse 750™

RACK CATALOG NUMBER	CAGE STYLE, QUANTITY & CONFIGURATION			DIMENSIONS (in. / mm)		
	STYLE	QTY	W x H	W	D	H
77180AR	750™	180	9 X 10, DS	86.25 2191	30.50 775	76.81 1951
77160AR	750™	160	8 X 10, DS	77.75 1975	30.50 775	76.81 1951
75140AR	750™	140	7 X 10, DS	69.25 1759	30.50 775	76.81 1951
77126AR	750™	126	7 X 9, DS	69.25 1759	30.50 775	70.19 1783
77112AR	750™	112	7 X 8, DS	69.25 1759	30.50 775	63.56 1614
77098AR	750™	98	7 X 7, DS	69.25 1759	30.50 775	56.94 1446
77090AR	750™	90	9 X 10, SS	86.25 2191	24.00 610	76.81 1951
77280AR	750™	80	4 X 10, DS	43.75 1111	30.50 775	76.81 1951
77080AR	750™	80	8 X 10, SS	77.75 1975	24.00 610	76.81 1951
77070AR	750™	70	7 X 10, SS	69.25 1759	24.00 610	76.81 1951
75063AR	750™	63	7 X 9, SS	69.25 1759	24.00 610	70.19 1783
77056AR	750™	56	7 X 8, SS	69.25 1759	24.00 610	63.56 1614



Interchangeable Cages; Super Mouse 750™ and Econo-Cage®.

RAIR HD Super Mouse 1800™ Systems (not shown) are available to house two cage sizes on the same rack, with floor areas >180 in² and >75 in².



Super Mouse 750™



Econo-Cage®
Disposable System

The RAIR HD World Cage 500™



RAIR HD World Cage 500™

Assuring the well-being of your animals and personnel, independently tested and precisely balanced AllerZone™ airflow maintains stable air exchange rates, whether a rack is fully loaded or has only a single cage. To that end, the RAIR HD cage air dock is the only one in the world certified by the National Institute of Standards and Technology (NIST) for orifice precision, balanced and controlled airflow.

In a negative pressure rack containing positive pressure cages, RAIR HD systems isolate animals within a "positive" protective HEPA filtered environment. AllerZone™ technology provides an independent "negative" capture zone above each cage, removing (>99.9%) animal dander, odors and allergens.

*The RAIR HD World Cage 500™
Ventilated Animal Housing System
Meets or Exceeds Global Animal
Housing Standards.*



Cage Monitor Control Unit : Monitor, control and certify the airflow in your ventilated cages. Monitor and record cage air exchange rates, temperature, humidity and light levels. Download data to your PC directly or via network.



Certify Airflow with the Enviro-Gard™ Cage Monitor Control Unit and RAIR Enviro-Gard™ Airflow Monitor / Alarm Unit.



Airflow Monitor / Alarm Unit

RAIR HD World Cage 500™

RACK CATALOG NUMBER	CAGE STYLE, QUANTITY & CONFIGURATION			DIMENSIONS (in. / mm)		
	STYLE	QTY	W x H	W	D	H
72180AR	500™	180	9 x 10, DS	86.25 2191	30.50 775	74.00 1880
72160AR	500™	160	8 X 10, DS	77.75 1975	30.50 775	74.00 1880
72140AR	500™	140	7 X 10, DS	69.25 1759	30.50 775	74.00 1880
72126AR	500™	126	7 X 9, DS	69.25 1759	30.50 775	67.66 1718
72112AR	500™	112	7 X 8, DS	69.25 1759	30.50 775	61.31 1557
72098AR	500™	98	7 X 7, DS	69.25 1759	30.50 775	54.97 1396
72090AR	500™	90	9 X 10, SS	86.25 2191	24.00 610	74.00 1880
72280AR	500™	80	4 X 10, DS	43.75 1111	30.50 775	74.00 1880
72080AR	500™	80	8 X 10, SS	77.75 1975	24.00 610	74.00 1880
72070AR	500™	70	7 X 10, SS	69.25 1759	24.00 610	74.00 1880
72063AR	500™	63	7 X 9, SS	69.25 1759	24.00 610	67.66 1718
72056AR	500™	56	7 X 8, SS	69.25 1759	24.00 610	61.31 1557



World Cage 500™
Floor area: >500 cm²



The RAIR HD One Cage 2100™



RAIR HD One Cage 2100™

- Multi-Species™ Flexible Housing: Rats, Mice, Hamsters or Guinea Pigs with Two interchangeable Cage Sizes
- Airflow Remains Adequate if Power Loss Occurs
- Faster Cage Changes with Direct Access to Animals
- Watering Options: Hydropac®, Bottles or Automatic
- Lifespan™ Rodent Enrichment
- Cage Monitor Control Unit Option - Cage Level Monitoring / Control / Certification
- Connects with Facility HVAC Exhaust / Supply Systems (Airflow Monitor Option)
- Meets or Exceeds ILAR Guide Recommendations



RAIR HD Enviro-Gard™ air units weigh less than 10-pounds.

With RAIR HD, you can mix and match two different cage sizes for varying populations. A bright yellow indicator assures proper cage docking and complements the natural ergonomic workflow of cage exchange.

The compact RAIR HD designs are lighter, have fewer parts, and feature low-friction casters for mobility. Together, the features and benefits of RAIR HD add up to maximum protection for your research and maximum return on your equipment investment. It's hard to imagine that it gets better . . . *But it does.*

RAIR HD comes at a reduced price. Design improvements and production have lowered our costs . . . *And we gladly pass these savings on to you!*

RAIR HD One Cage 2100™

RACK CATALOG NUMBER	CAGE STYLE, QUANTITY & CONFIGURATION			DIMENSIONS (in. / mm)		
	STYLE	QTY	W x H	W	D	*H
83164A	2100™	64	4 x 8, DS	90.500	32.500	81.062
	OC	128	8 x 8, DS	2299	826	2059
83148A	2100™	48	3 x 8, DS	70.375	32.500	81.062
	OC	96	6 x 8, DS	1788	826	2059
83412A	2100™	42	4 x 7, DS	70.375	32.500	72.205
	OC	84	8 x 7, DS	1788	826	1835
83132A	2100™	32	2 x 8, SS	90.500	26.500	81.062
	OC	64	4 x 8, SS	2299	673	2059
83232A	2100™	32	2 x 8, DS	50.187	32.500	81.062
	OC	64	4 x 8, DS	1275	826	2059
83124A	2100™	24	3 x 8, SS	70.375	26.500	81.062
	OC	48	6 x 8, SS	1788	673	2059
83121A	2100™	21	3 x 7, SS	70.375	26.500	72.205
	OC	42	6 x 7, SS	1788	673	1835
83118A	2100™	18	3 x 6, SS	70.375	26.500	63.437
	OC	36	6 x 6, SS	1788	673	1611

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 (800) 526-0460 labproductsinc.com



One Cage™
Floor area >80 in²



One Cage 2100™
Floor area >210 in²

