

The polysulfone high temperature Perforated Retainer secures the Roemay™ filter preventing loss of filter integrity and provides gravity locking protection.

The Roemay™ filter media (100µm) 18 mils protects the animal from dust particles which may cause zoonotic murine virus. The filter medium is washable and reusable.

- Air Permeability (Avg. 2.5 l/min/m²)
- Particle Retention 90%

The polysulfone high temperature Micro-BARRIER™ (100µm) 18 mils to 270°F. Attach to the perforated open filter media, completely sealed for media changes in a greater increase in laboratory.

Electropolished stainless steel wire bar assembly.

Polysulfone high temperature design.

# Research Animal Housing Systems



# Plastic Cages

Allentown Plastic Cages are available in Polycarbonate, High Temperature UDEL Polysulfone autoclavable to 150° C and RāTEMP 400 (Polyphenylsulfone) autoclavable to 205° C. Please designate Regular Temperature (RT), High Temperature (HT) or RāTEMP 400 (XT) when ordering plastic cages.



**“75 JAG” MOUSE CAGE - PC75J**  
186mm x 298mm x 128mmH  
484 cm<sup>2</sup> at floor space



**TYPE II LONG MOUSE CAGE - PCT2L12S**  
364mm x 206mm x 131mm H  
542 cm<sup>2</sup> at floor space



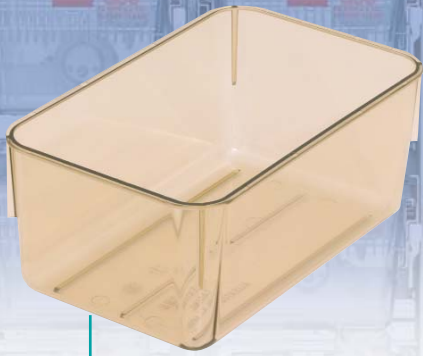
**TYPE II LONG MOUSE CAGE - PCT2L13S**  
364mm x 206mm x 141mm H  
530 cm<sup>2</sup> at floor space



**MULTI SPECIES CAGE - PC15208**  
500mm x 381mm x 215mm H  
1355 cm<sup>2</sup> at floor space

CAGE MODEL NUMBER	POLYCARBONATE AUTOCLAVABLE 125° C	POLYSULFONE AUTOCLAVABLE 150° C	POLYPHENYLSULFONE AUTOCLAVABLE 205° C
PC696	-RT	-HT	-XT
PC7115	-RT	-HT	-XT
PC75J	-RT	-HT	-XT
PCT2L12S	-RT	-HT	-XT
PCT2L13S	-RT	-HT	-XT
PC1296	-RT	-HT	-XT
PC10196	-RT	-HT	-XT
PC10147	-RT	-HT	-XT
PC1098	-RT	-HT	-XT
PC10198	-RT	-HT	-XT
PC15208	-RT	-HT	-XT





**MOUSE CAGE - PC7115**  
189mm x 297mm x 128mm H  
451 cm<sup>2</sup> at floor space



**INDIVIDUAL  
MOUSE CAGE - PC696**  
153mm x 233mm x 159mm H  
296 cm<sup>2</sup> at floor space



**MOUSE AND HAMSTER CAGE - PC1296**  
312mm x 235mm x 152mm H  
516 cm<sup>2</sup> at floor space



**INDIVIDUAL RAT CAGE -  
PC1098 1/2 size**  
259mm x 234mm x 209mm H  
453 cm<sup>2</sup> at floor space



**MOUSE AND HAMSTER CAGE - PC10196**  
257mm x 483mm x 152mm H  
980 cm<sup>2</sup> at floor space



**RAT AND GUINEA PIG CAGE - PC10198**  
259mm x 476mm x 209mm H  
909 cm<sup>2</sup> at floor space



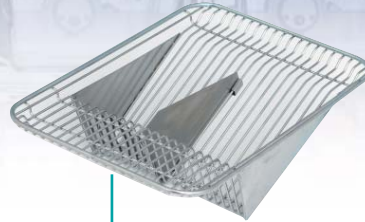
**RAT CAGE - PC10147**  
393 mm x 285 mm x 194 mm H  
920 cm<sup>2</sup> at floor space

# Wire Bar Lids

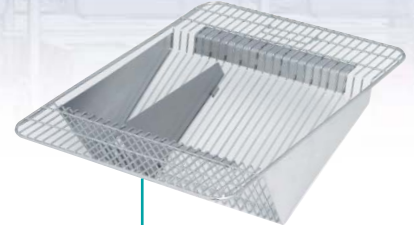
Wire Bar Lids are manufactured from type 304 series stainless steel for corrosion resistance and are electropolished after fabrication. All wire bar lids are nestable, and have separate food and water bottle compartments.



**INDIVIDUAL MOUSE LID - WBL696**  
compatible with PC696 cage



**MOUSE LID - WBL7115**  
compatible with PC7115 cage



**RAT LID - WBL1014RMB**  
compatible with PC1014 cage



**MOUSE LID - WBL7115SMD**  
compatible with PC75J cage



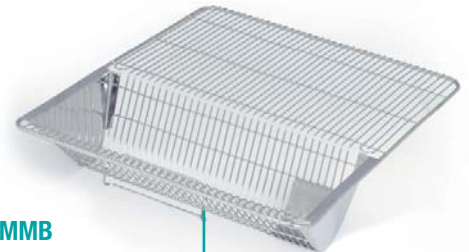
**MOUSE AND HAMSTER LID - WBL1296**  
compatible with PC1296 cage



**RAT LID - WBL1019RMB**  
compatible with PC10198 cage



**MOUSE AND HAMSTER LID - WBL1019MMB**  
compatible with PC1019 cage



**MULTISPECIES WBL1520RMB**  
compatible with PC15208 cage



**INDIVIDUAL RAT LID - WBL1098**  
compatible with PC1098 cage



**TYPE II LONG MOUSE LID - WBLT2LK**  
compatible with T2L12S AND T2L13S cages



**EXTERNAL BOTTLE MOUSE LID - WBLEBT-130**  
compatible with PC7115 or PC75J cage  
and EBT27115F Top



# Micro-Barrier Tops

Micro-Barrier Tops are manufactured from the highest quality plastic polymers to provide superior cage level protection. Available in both High Temperature (HT) UDEL and RāTEMP 400 (XT) materials.



Micro-Barrier Top Assemblies include: Micro-Barrier Lid, Filter, and Filter “Snap-in” Retainer Ring.



**MOUSE TOP**  
**MBT7115HT**  
**MBT7115XT “RāTEMP 400”**  
 compatible with cages PC7115 & PC75J  
 197 mm x 306 mm x 101 mm H



**MOUSE AND HAMSTER TOP**  
**MBT7115RH “REDUCED HEIGHT”**  
**MBT7115RHXT “RāTEMP 400”**  
 compatible with cages PC7115 & PC75J  
 197 mm x 306 mm x 56 mm H



**MOUSE TOP**  
**EBT27115F**  
**MBT27115XT “RāTEMP 400”**  
 compatible with cages PC7115 & PC75J  
 requires WBLEBT  
 197 mm x 306 mm x 123 mm H



**RAT / LARGE MOUSE**  
**MBT1019HT**  
**MBT1019XT “RāTEMP 400”**  
 compatible with cages PC10198 & PC10196  
 491 mm x 273 mm x 84 mm H



**MOUSE TOP**  
**MBT1296HT**  
**MBT1296XT “RāTEMP 400”**  
 compatible with cages PC1296  
 246 mm x 325 mm x 84 mm H



**RAT TOP**  
**MBT1014HT**  
**MBT10147XT “RāTEMP 400”**  
 compatible with cage PC10147  
 294 mm x 402 mm x 30 mm H

## US REGULATIONS

SIZE (g)	SPACE (cm <sup>2</sup> )	HEIGHT (cm)
<b>Mice</b>		
1-10	39	13
11-15	52	13
16-25	77	13
25+	97	13
<b>Rat</b>		
1-100	110	18
101-200	148	18
201-300	187	18
301-400	258	18
401-500	387	18
500+	452	18
<b>Hamster</b>		
1-60	65	15
61-80	84	15
81-100	103	15
100+	123	15
<b>Guinea Pig</b>		
1-350	387	18
350+	652	18

Guide for the Care and Use of Laboratory Animals, Institute of Laboratory Animal Resources, Commission on Life Sciences, National Research Council, National Academy Press, Washington, D.C., 1996.

## CANADIAN REGULATIONS

SIZE (g)	SINGLE FLOOR SPACE	LITTER HOUSING	HEIGHT
<b>Mice</b>			
1-20	65	160	13
20+	100	160	15
<b>Rat</b>			
1-150	150	800	18
150+	250	800	18
<b>Hamster</b>			
1-100	100	900	18
100+	120	900	18
<b>Guinea Pig</b>			
1-350	300	500	18
350+	650	800	22

Guide to the Care and Use of Experimental Animals, Canadian Council on Animal Care, Volume 1, 1993.

## UK REGULATIONS

SIZE (g)	FLOOR SPACE, WHEN GROUPED	HOUSED SINGLY	HEIGHT
<b>Mice</b>			
1-30	60	200	12
30+	100	200	12
<b>Rat</b>			
1-50	100	500	18
51-150	150	500	18
151-250	200	500	18
251-350	250	700	20
351-450	300	700	20
451-550	350	700	20
550+	400	800	20
<b>Hamster</b>			
1-60	80	300	15
61-90	100	300	15
91-120	120	300	15
120+	165	300	15
<b>Guinea Pig</b>			
1-150	200	700	20
151-250	300	700	20
251-350	400	900	20
351-450	500	900	23
451-550	600	900	23
551-650	700	1,000	23
650+	750	1,250	23

Code of practice for the housing and care of animals used in scientific procedures, UK Home Office, The Animals (Scientific Procedures) Act 1986.

## EEC REGULATIONS

Mice	Size	Floor Space, Each (cm <sup>2</sup> )	Minimum Cage Size (cm <sup>2</sup> )	Height, cm
<b>Stock &amp; During Procedure</b>	<=20	60	330	12
	21-25	70	330	12
	26-30	80	330	12
	>30	100	330	12
<b>Breeding</b>	Pair or trio		330	12
	Additional litters		+180	
<b>Weaned litter</b>	40		950	12

Rats	Size	Floor Space, Each (cm <sup>2</sup> )	Minimum Cage Size (cm <sup>2</sup> )	Height, cm
<b>Stock &amp; During Procedure</b>	<=200	200	800	18
	201-300	250	800	18
	301-400	350	800	18
	401-600	450	800	18
	>600	600	1500	18
<b>Breeding</b>	Mother and litter		800	18
	Additional adult		+400	
<b>Weaned litter</b>	<=50	100	1500	18
	51-100	125	1500	18
	101-150	150	1500	18
	151-200	175	1500	18

European Directive 86/609/EEC, Tables 1,2,3,4, and 5.

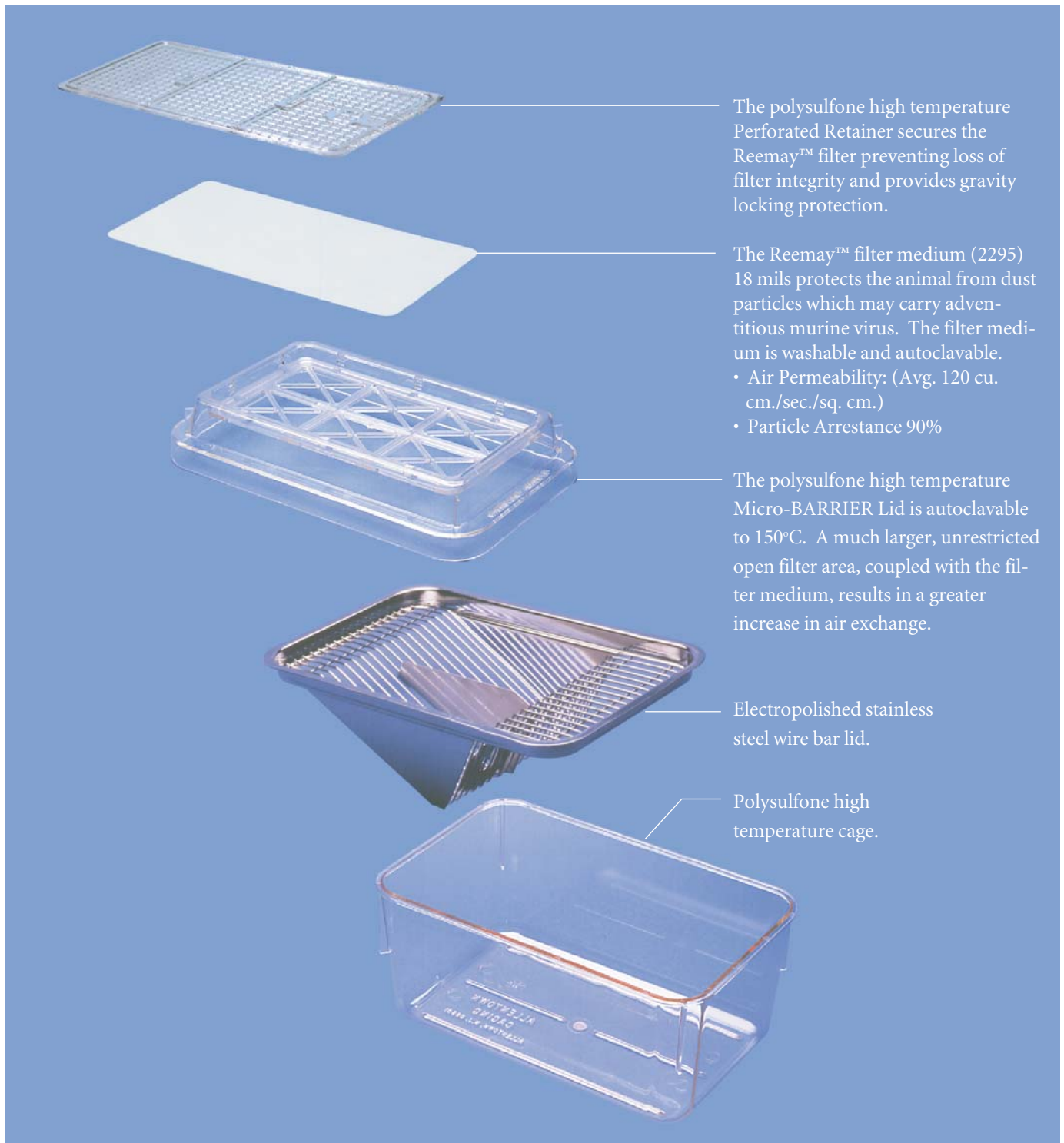
Gerbils	Size	Floor Space, Each (cm <sup>2</sup> )	Minimum Cage Size (cm <sup>2</sup> )	Height, cm
<b>Stock &amp; During Procedure</b>	<=40	150	1200	18
	>40	250	1200	18
<b>Breeding</b>	Mother and litter		1200	18

Hamsters	Size	Floor Space, Each (cm <sup>2</sup> )	Minimum Cage Size (cm <sup>2</sup> )	Height, cm
<b>Stock &amp; During Procedure</b>	<=60	150	800	14
	61-100	200	800	14
	>100	250	800	14
<b>Breeding</b>	Mother or pair with litter		800	14
<b>Weaned litter</b>			1500	14

Guinea Pig	Size	Floor Space, Each (cm <sup>2</sup> )	Minimum Cage Size (cm <sup>2</sup> )	Height, cm
<b>Stock &amp; During Procedure</b>	<=200	200	1800	23
	201-300	250	1800	23
	301-450	350	1800	23
	451-700	450	2500	23
	>700	600	2500	23
	<b>Breeding</b>	Pair and litter		2500
Add'l breeding female			1000	

# Micro-Barrier System

Allentown's Micro-Barrier caging systems provide full protection of research animals in static mode. The Micro-Barrier top duplicates petri-dish isolation from airborne particulate, while the integral filter media allows gas exchange, including carbon dioxide and ammonia. When properly used with a HEPA-filtered biological work station, the Micro-Barrier System protects animals and personnel from cross-contamination.



The polysulfone high temperature Perforated Retainer secures the Reemay™ filter preventing loss of filter integrity and provides gravity locking protection.

The Reemay™ filter medium (2295) 18 mils protects the animal from dust particles which may carry adventitious murine virus. The filter medium is washable and autoclavable.

- Air Permeability: (Avg. 120 cu. cm./sec./sq. cm.)
- Particle Arrestance 90%

The polysulfone high temperature Micro-BARRIER Lid is autoclavable to 150°C. A much larger, unrestricted open filter area, coupled with the filter medium, results in a greater increase in air exchange.

Electropolished stainless steel wire bar lid.

Polysulfone high temperature cage.



# Micro-Barrier System



**MBS7115HT**  
Micro-Barrier Mouse Housing Unit  
197 mm x 306 mm x 212 mm H



**MBS7115RH**  
Micro-Barrier Mouse Housing Unit  
197 mm x 306 mm x 165 mm H  
“Reduced Height”



**MBS75JRH**  
Micro-Barrier Mouse Housing Unit  
197 mm x 306 mm x 165 mm H  
“Reduced Height”



**MBS1296HT**  
Micro-Barrier Mouse Housing Unit  
325 mm x 246 mm x 224 mm H



**MBS10196HT**  
Micro-Barrier Mouse Housing Unit  
491 mm x 273 mm x 222 mm H



**MBS10198HT**  
Micro-Barrier Rat Housing Unit  
491 mm x 273 mm x 272 mm H



**MBS10147HT**  
Micro-Barrier Rat Housing Unit  
294 mm x 402 mm x 205 mm H

MICRO-BARRIER COMPLETE SYSTEM	MICRO-BARRIER COMPONENTS				
	MICRO-BARRIER TOP	WIRE BAR LID	POLYSULFONE UDEL HT CAGE	RETAINER	REMY FILTER
MBS7115HT	MBT7115HT	WBL7115SMD	PC7115HT	MBR7115HT	MBF7115
MBS7115RH	MBT7115RH	WBL7115SMD	PC7115HT	MBR7115HT	MBF7115
MBS75JRH	MBT7115RH	WBL7115SMD	PC75JHT	MBR7115HT	MBF7115
MBS10196HT (MOUSE)	MBT1019HT	WBL1019MMB	PC10196HT	MBR1019HT	MBF1019
MBS10198HT (RAT)	MBT1019HT	WBL1019RMB	PC10198HT	MBR1019HT	MBF1019
MBS1296HT	MBT1296HT	WBL1296	PC1296HT	MBR1296HT	MBF1296
MBS10147HT	MBT1014HT	WBL1014RMB	PC1014HT	MBR1014HT	MBF1014



# Shelf Racks

Shelf Racks are designed for maximum strength and capacity. They can be ordered with either solid or wire shelves, welded or adjustable design. Five inch diameter stainless steel casters are standard. Stainless steel automatic watering systems are optional.



**SW602466R5**  
Welded "Solid Shelf"  
Rack Design

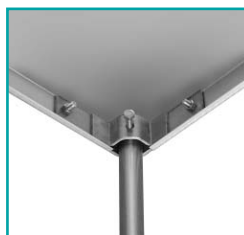


**WW602466R5**  
Welded "Wire Shelf"  
Rack Design

## STANDARD:

- 5-shelf racks are available in the following sizes:  
1525 mm x 610 mm x 1678 mm H  
1525 mm x 357 mm x 1678 mm H  
1778 mm x 610 mm x 1678 mm H
- Shelves—18 gauge stainless steel
- Uprights—18 gauge stainless steel 25 mm tubing

Replacement adjustable corner brackets are available in sets of 4.



**Sure-LOK Assembly for**  
Adjustable Shelves



**SA602466R5**  
Adjustable "Solid Shelf"  
Rack Design

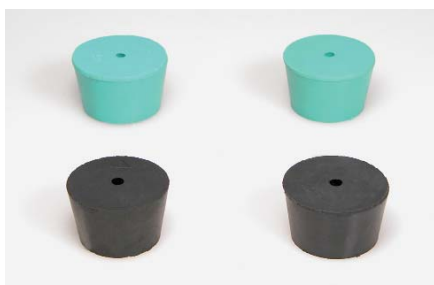
# Accessories



## PLASTIC WATER BOTTLES

Available in Udel® Polysulfone or Radel® Polyphenylsulfone.

ITEM	MODEL NUMBER		ITEMS/CASE
	BOTTLE	STOPPER	
237 mL Polysulfone French Sq.	PC08BHT	S1011	40
250 mL Polysulfone with Silicone Ring	PC250BHT		40
266 mL Polysulfone	PC09BHT	S1011	40
473 mL Polysulfone (small neck)	PC15/17BHT8	S1010	40
473 mL Polysulfone	PC15/17BHT85	S1011	40
473 mL Polysulfone French Sq.	PC16BHT	S1011	40



## STOPPERS

ITEM	MODEL No.	ITEMS /CASE
8 Stopper	S1010	100
8 Neoprene Stopper	S1010N	100
8-1/2 Stopper	S1011	100
8-1/2 Neoprene Stopper	S1011N	100



## SIPPER TUBES

ITEM	MODEL No.	ITEMS /CASE
38 mm Sipper Tube with ball	TD990	100
38 mm Sipper Tube without ball	OT990	100
54 mm Sipper Tube with ball	TD1000	100
54 mm Sipper Tube without ball	OT1000	100





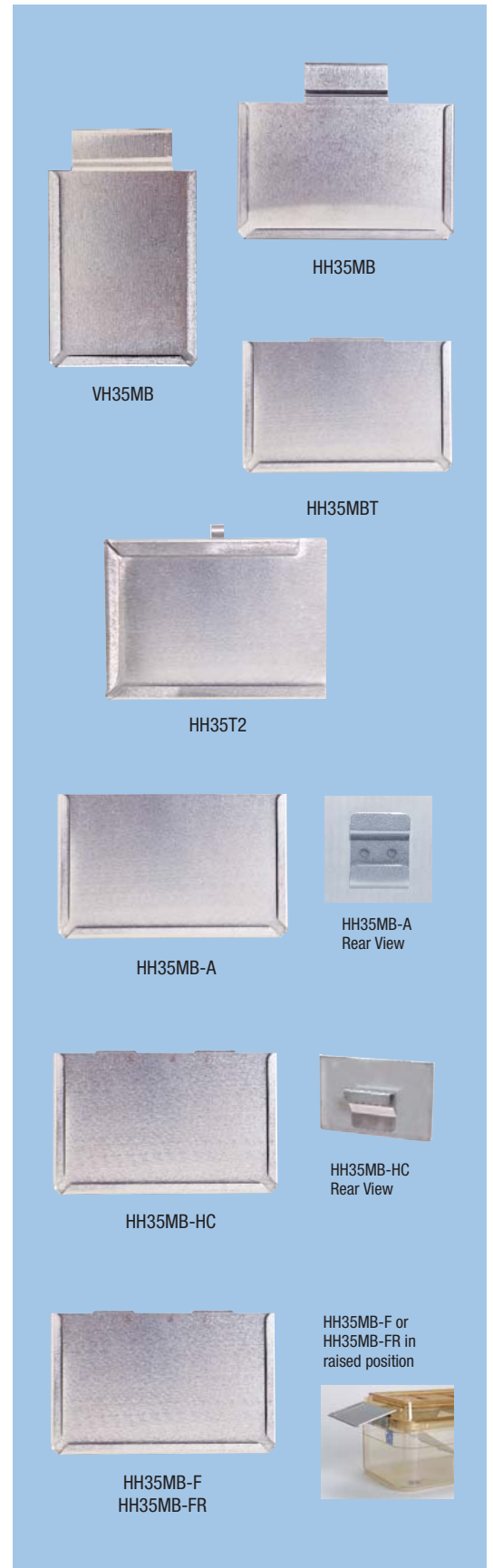
### CAP/SIPPER TUBE ASSEMBLY

ITEM	MODEL No.	ITEMS /CASE
Polysulfone Cap/Sipper Tube Assembly (237 mm, 266 mm, 473 mm plastic bottles & 473 mm glass bottle) Specify sipper style/length	* SPL48RS	40
Stainless Steel Cap for PC250BHT 57 mm Sipper Tube (open)	SLC250-225	40
Stainless Steel Cap for PC250BHT 38 mm Sipper Tube (open)	SLC250-150	40

\* Please designate design and size of sipper tube when ordering.

### CARDHOLDERS

ITEM	MODEL No.	ITEMS /CASE
S/S Cardholder Vertical Hanging 76 mm x 127 mm (short)	VH35MB	100
Cardholder Horizontal Hanging 76 mm x 127 mm	HH35MB	100
Cardholder Horizontal Hanging 76 mm x 127 mm (Micro-Barrier top)	HH35MBT (Suspends from top Micro-Barrier)	100
Cardholder Horizontal "Clip-on" 76 mm x 127 mm	HH35MB-A (all except MBT1019HT)	100
Cardholder Horizontal "Clip-on" 76 mm x 127 mm	HH35MB-HC	100
Cardholder Horizontal "Flip-up" 76 mm x 127 mm	HH35MB-F (all except MBT1019HT)	100
Cardholder Horizontal "Flip-up" 76 mm x 127 mm	HH35MB-FR (MBT1019HT only)	100
Cardholder Horizontal 75 mm x 100+ mm	HH35T2 (Type 2 Long cages only)	100





[www.acecaging.com](http://www.acecaging.com) Visit our Web Site at <http://www.acecaging.com> for the latest product news and information about our company. Our broad range of animal husbandry products can be reviewed, along with design information and technical support documents.



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