

M.I.C.E.[®]

rack caging technical specifications

M.I.C.E.[®] rack caging

The M.I.C.E.[®] exhaust vented caging system offers a unique means of rodent housing in the animal care industry. The M.I.C.E.[®] system is unmatched in its ability to house rodents in the best possible environmental conditions. The convection-assisted, low velocity, one pass airflow through each cage provides animals with the gentle ventilation necessary to ensure maximum comfort in an ideal, low-stress living and breeding environment. With no motors or blowers, M.I.C.E.[®] equipped rooms are virtually noise, vibration, and odor-free.

Rat Cage Specifications

M80121 & P80121 Rat Cage Assembly

Rat Cage Assembly, Polycarbonate (also available in Polysulfone)

- Includes complete cage assembly with filters, screens, feeder, rat water bottle, and exhaust nozzles.
- Simple two-part system.
- 15.3" (389 mm) L x 15.8" (401 mm) W x 9.5" (241 mm) H.
- Stainless steel feeder
- Outside cage access to water bottle
- Integral cage card holder

Cage Specifications

Outside dims: 15.3" (389 mm)L x 15.8" (401mm)W x 9.5" (241 mm)H.

Inside dims: 13.5" (343 mm) L x 14.9" (378 mm) W

Floor area: 180 square inches (1161 sq cm) including enrichment shelf

Average height: 6.75" (171.5 mm)

Capacity (USA): 15 - 25g mice; 6 – 300g rats; 11 – 100g hamsters

Cage Material: Makrolon polycarbonate or Udel Polysulfone

Volume: 22.25 liters

Autoclavable: to 270° F (134° C). (polysulfone)

The following items are available as options:

- Perforated stainless steel floor insert with integral feeder holder for bedding-free caging.
- Cage bottoms can be equipped with stainless steel water valve grommets for an automatic watering system.
- Trough tunnel provides enrichment for the animal population.
- Polished stainless steel J-feeder for powder feed
- Both 600 mL and 400 mL water bottles fit cage top

This modular, closed-system, barrier isolation caging system provides maximum flexibility while increasing population density and improving the welfare of both animals and caretakers.