

M.I.C.E.® Single-side Rack

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.

S1 Rack Specifications**M85010S1 14-Cage Mouse Rack/M85011S1 7-Cage Rat Rack**

Single Module Rack Assembly, Polycarbonate (also available in Polysulfone)

- Includes complete rack assembly with shelves, legs, casters, and 1 vent hose assembly.
- Includes 14 mouse cage assemblies or 7 rat cage assemblies.
- 16.25" (413) L x 23.25" (591) D x 77.0" (1956) H.
- 147 lbs (67 kg.) including 14 mouse cage or 7 rat cage assemblies.
- Rack assembly is mounted on stainless steel casters with 4" (100 mm) diameter wheels.
- Minimum air flow requirements – 8 CFM (3.8 l/s) per rack.

S2 Rack Specifications**M85010S2 28-Cage Mouse Rack/M85011S2 14-Cage Rat Rack**

2 - Module Single Sided Rack Assembly, Polycarbonate (also available in Polysulfone)

- Includes complete rack assembly with shelves, legs, casters, and 1 vent hose assembly.
- Includes 28 mouse cage assemblies or 14 rat cage assemblies.
- 32.5"L x 23.25"D x 77.0" H.
- 289 lbs including 28 mouse cage or 14 rat cage assemblies.
- Rack assembly is mounted on stainless steel casters with 4" diameter wheels.
- Minimum air flow requirements – 16 CFM per rack.

S3 Rack Specifications**M85010S3 42-Cage Mouse Rack/M85011S3 21-Cage Rat Rack**

3 - Module Single Sided Rack Assembly, Polycarbonate (also available in Polysulfone)

- Includes complete rack assembly with shelves, legs, casters, and 1 vent hose assembly.
- Includes 42 mouse cage assemblies or 21 rat cage assemblies.
- 48.75" (1238) L x 23.25" (591) D x 77.0" (1956) H.
- 402 lbs (182 kg) including 42 mouse cage or 21 rat cage assemblies.
- Rack assembly is mounted on stainless steel casters with 4" (100 mm) diameter wheels.
- Minimum air flow requirements – 24 CFM (11.3 l/s) per rack.

S5 Rack Specifications**M85010S5 70-Cage Mouse Rack/M85011S5 35-Cage Rat Rack**

5 - Module Single Sided Rack Assembly, Polycarbonate (also available in Polysulfone)

- Includes complete rack assembly with shelves, legs, casters, and 2 vent hose assemblies.
- Includes 70 mouse cage assemblies or 35 rat cage assemblies.
- 81.25"L x 23.25"D x 77.0" H.
- 722 lbs including 70 mouse cage or 35 rat cage assemblies.
- Rack assembly is mounted on stainless steel casters with 4" diameter wheels.
- Minimum air flow requirements – 40 CFM per rack.

single-side rack technical specifications

Cage Specific Information**Mouse Cage**

Outside dims: 15.3" L x 7.8" W x 9.5" H.
389 mm L x 198 mm W x 241 mm H

Inside dims: 13.5" L x 7.0" W
343 mm L x 178 mm W

Floor area: 83 square inches (535 sq cm)

Average height: 6.75" (171.5 mm)

Capacity: 6 - 25g mice; 2 - 300g rats; 5 - 100g hamsters

Cage Material: Makrolon polycarbonate or Udel polysulfone

Rat Cage

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

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

Floor area: 180 square inches (1161 sq cm)

Average height: 6.75" (171.5 mm) Capacity - 15 - 25g mice; 6 - 300g rats; 100 - 100g hamsters

Cage Material: Makrolon polycarbonate or Udel polysulfone

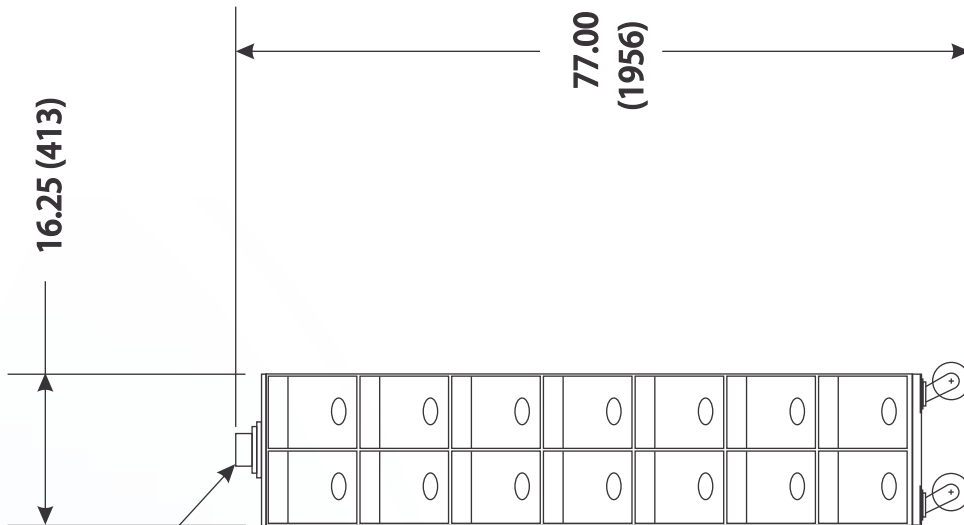
The following items are available as options:

- 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.
- Inhalation nozzle that inserts into the front inlet port to deliver 'test' air directly into the cage.
- Trough tunnel that fits under the feeder and provides enrichment for the animal population.

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

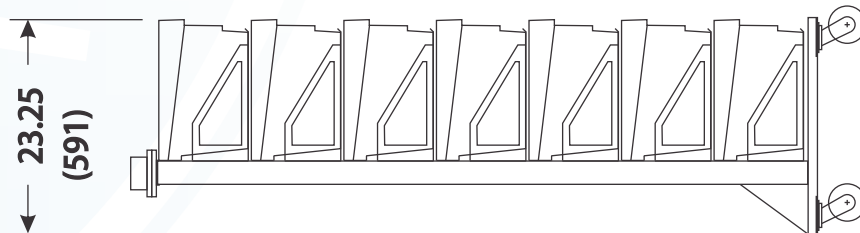
M.I.C.E.[®] single-side rack technical drawings

S1 Rack



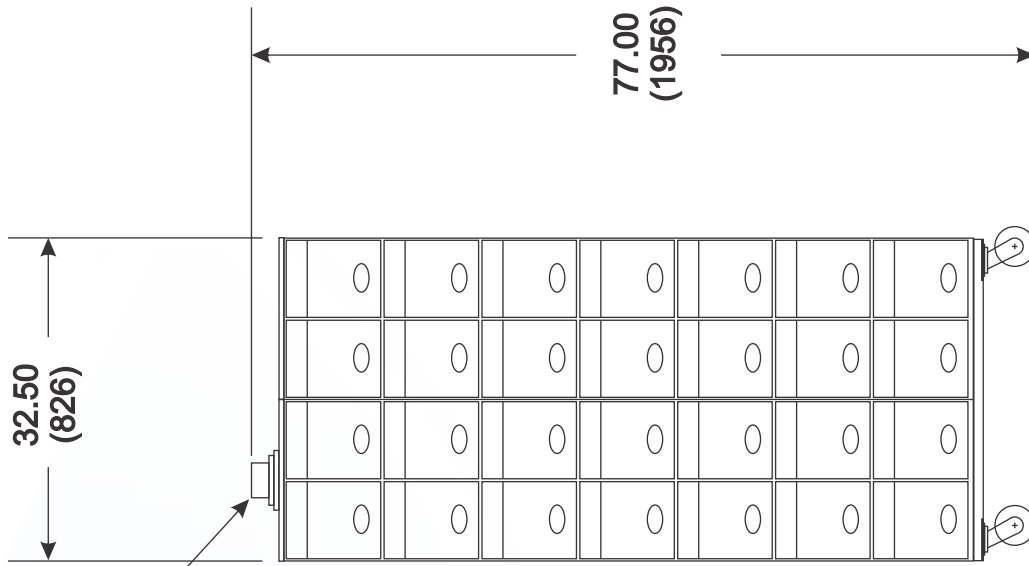
Exhaust Location

Weight – 147 Lbs (67 kg) with cages
 Minimum Ventilation – 8 CFM (3.8 l/s)
 Ceiling Exhaust – 1 ea. 3" (75 mm) Dia. Duct**
 Exhaust Hose – 3" (75 mm) Dia. Flexible x 10' (3 m) Lg.
 **Note that larger ceiling exhausts are acceptable when used with reducer.
 M85011S1 Rack with 7 rat cages has identical specifications.
 P85011S1 Rack with 7 rat cages has identical specifications.
 Dimensions in inches (mm)



M.I.C.E.[®] single-side rack technical drawings

S2 Rack

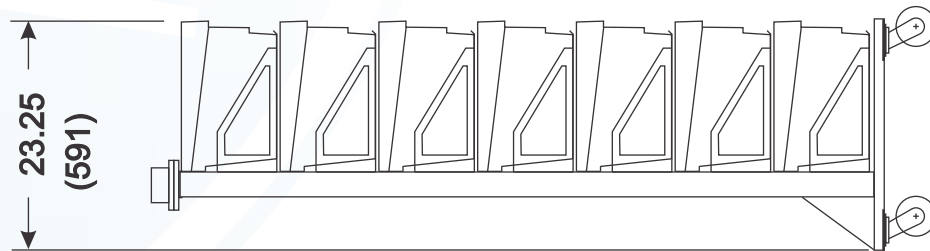


Exhaust Location

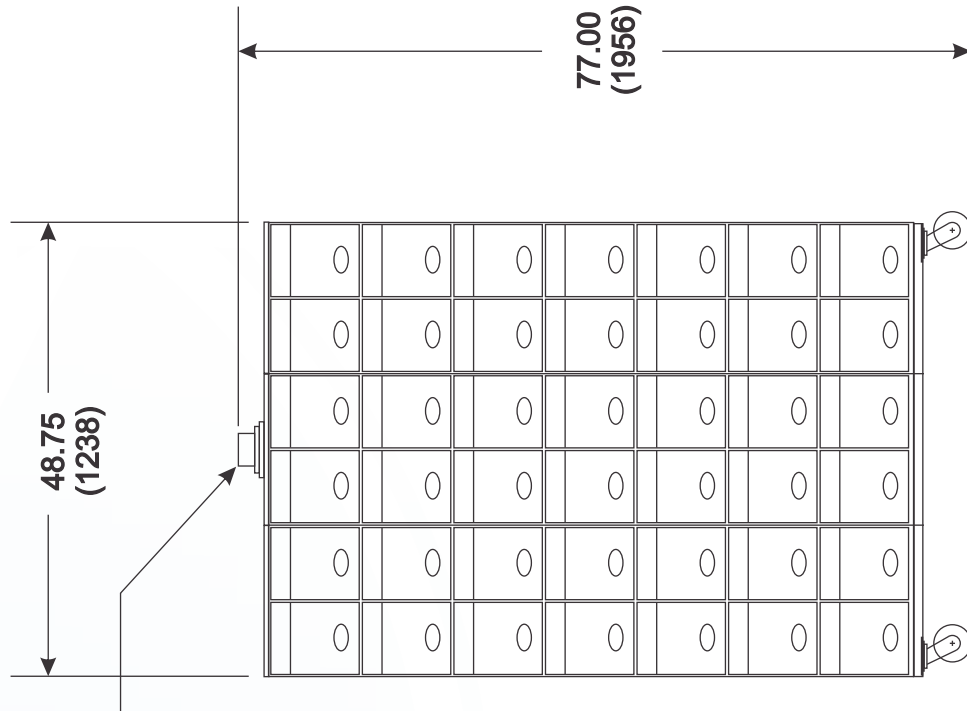
Weight – 289 Lbs (131 kg) with cages
 Minimum Ventilation – 16 CFM (448 l/m)
 Ceiling Exhaust – 1 ea. 3" Dia. Duct**
 Exhaust Hose – 3" Dia. Flexible x 10' Lg.

**Note that larger ceiling exhausts are acceptable when used with reducer.

M85011S2 Rack with 14 rat cages has identical specifications.
 P85011S2 Rack with 14 rat cages has identical specifications.
 Dimensions in inches (mm)

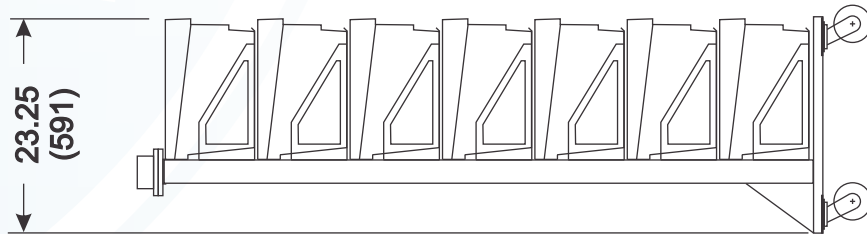


S3 Rack

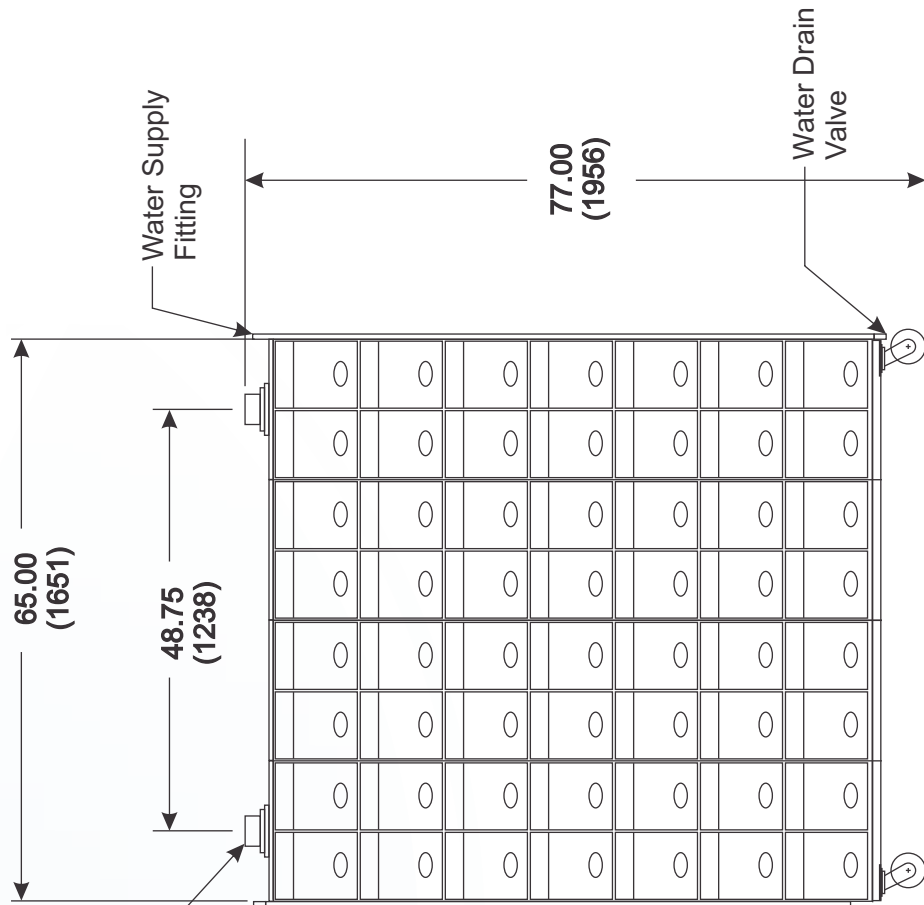


Exhaust Location

Weight – 434 Lbs (197 kg) with cages
 Minimum Ventilation – 24 CFM (672 l/m)
 Ceiling Exhaust – 1 ea. 3" (75 mm) Dia. Duct**
 Exhaust Hose – 3" (75 mm) Dia. Flexible x 10' (3 m) Lg.
 **Note that larger ceiling exhausts are acceptable when used with reducer.
 M8501S3 Rack with 21 rat cages has identical specifications.
 P8501S3 Rack with 21 rat cages has identical specifications.
 Dimensions in inches (mm)



S4 Rack



Exhaust Location
2 Pl.

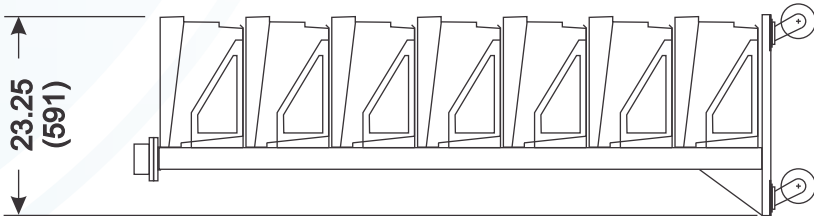
Bleed Valve

65.00
(1651)

48.75
(1238)

77.00
(1956)

Weight – 578 Lbs (262 kg) with cages
 Minimum Ventilation – 32 CFM (896 l/m)
 Ideal Ventilation – 48 CFM
 Ceiling Exhaust – 2 ea. 3" (75 mm) Dia. Duct**
 Exhaust Hoses – 3' (75 mm) Dia. Flexible x 10' (3 m) Lg.
 **Note that larger ceiling exhausts are acceptable when used
 with reducer.
 M85011S4 Rack with 28 rat cages has identical specifications.
 P85011S4 Rack with 28 rat cages has identical specifications.
 Dimensions in inches (mm)

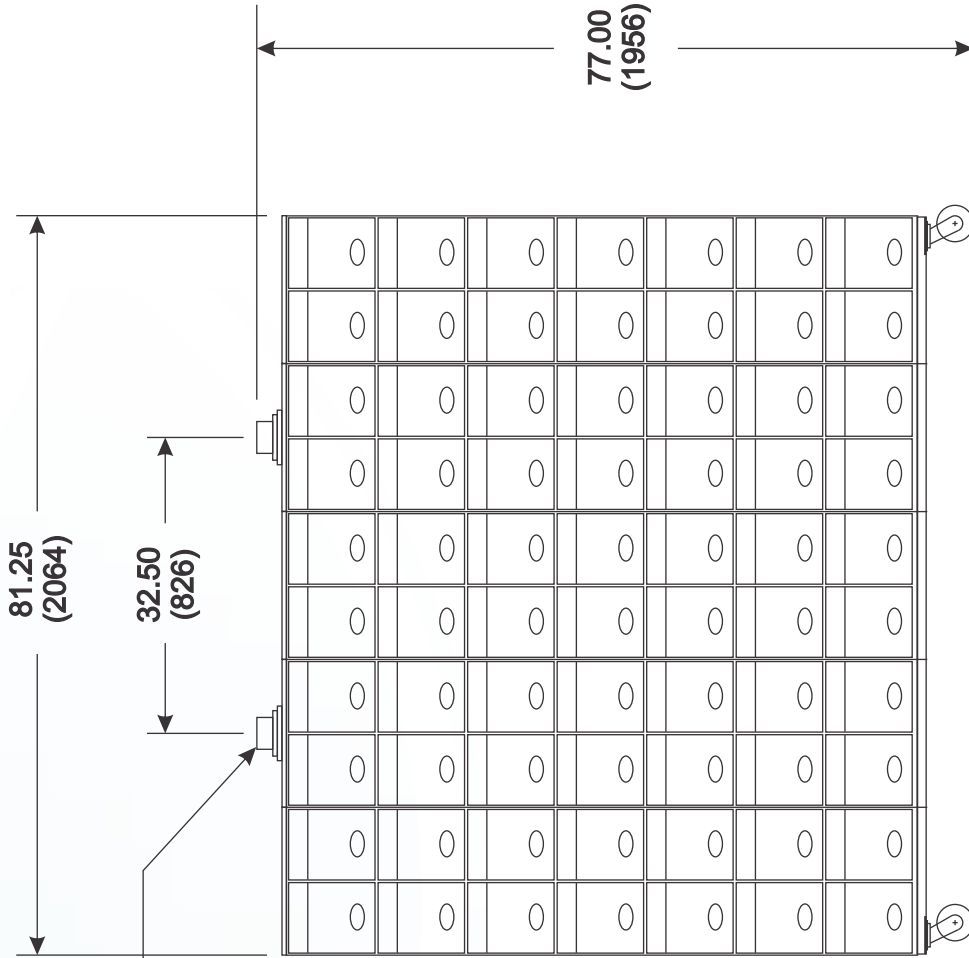


23.25
(591)

S5 Rack

Weight – 722 Lbs (327 kg) with cages
 Minimum Ventilation – 40 CFM (1120 l/m)
 Ceiling Exhaust – 2 ea. 3" Dia. Duct**
 Exhaust Hoses – 3" Dia. Flexible x 10' Lg.

**Note that alternate exhaust such as 6" x 3" x 3" Y is acceptable
 M85011S5 Rack with 35 rat cages has identical specifications.
 P85011S5 Rack with 35 rat cages has identical specifications.
 Dimensions in inches (mm)



Exhaust Location
 2 PI.

