



ErgoMICE80[®] RACK

The ErgoMICE80[®] exhaust vented carousel caging system offers a unique means of rodent housing in the animal care industry. This system is unmatched in space-efficiency and 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, ErgoMICE80[®] equipped rooms are virtually noise, vibration, and odor-free. And the ErgoMICE80[®] rack allows cage access from a comfortable working level.

ErgoMICE80[®] C89180M Rack Specifications

80-Cage Rack Assembly, Polycarbonate (also available in amber or clear polysulfone)

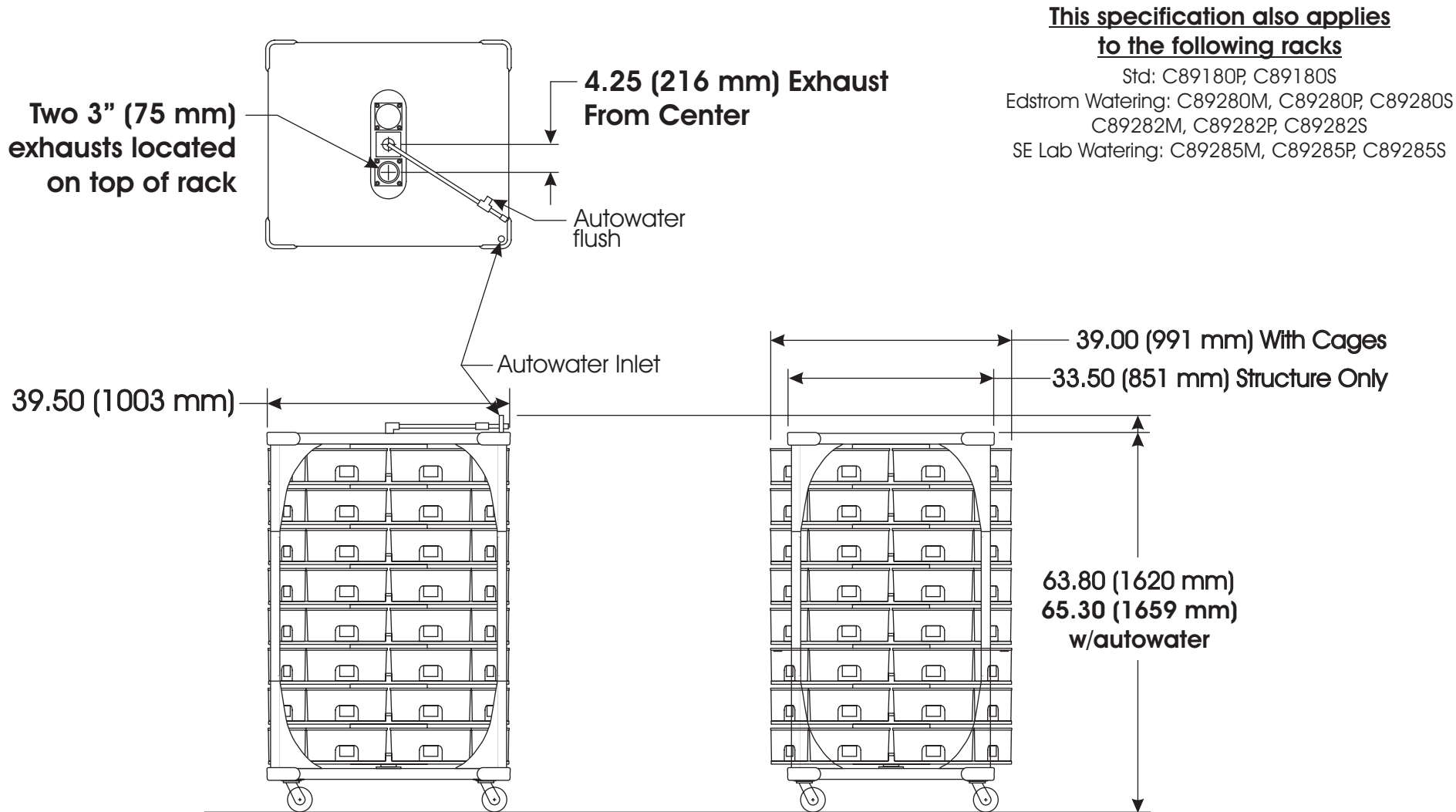
- Includes complete stainless steel rack assembly with reinforced polymer carousel, cages, casters, and 2 vent hose assemblies.
- Includes 80 mouse cage assemblies with filters, feeders, cage cards, and water bottles
- Rack Dimensions/80 cages -- 39.5"L x 39.0"W x 63.8" H. (1003 L x 991 W x 1621 H.)
- Rack Dimensions with 4 columns of cages removed for door clearance -- 39.5"L x 33.5"W x 63.8" H. (1003 L x 851 W x 1621 H.)
- Vent hoses mount at top center of rack with quick-disconnect fittings.
- 479 lbs (217 kg) complete and ready for installation.
- Rack assembly is mounted on stainless steel casters with 4" (100 mm) diameter hi-temp wheels. Two casters are provided with brakes and locks.
- Air flow requirements – 48 CFM (1354 l/m) recommended, 32 CFM (902 l/m) minimum per rack.
- Full-height handles at all four corners of rack
- Pleated high-flow Reemay filter assemblies with integral faceplates

Cage Specific Information
Outside dims – 13.5" (343 mm) Lg x 11.5" (292 mm) Wide (front) x 6.1" (155mm) H.
Inside dims - 12.5" (318 mm) Lg x 11.0" (279 mm) W (front) x 3.5" (89 mm) W (rear) x 5.06" (129 mm) H.
Floor area – 75 square inches (484 square centimetres)
Capacity – 5 - 25g mice
Cage Material – Makrolon [®] polycarbonate or Udel [®] polysulfone
Feeder – polished stainless steel wire, .51 liter (17 fl. oz) capacity
Water Bottle – 400 ml (13.5 oz)
Enrichment – raised shelves at front and rear of cage

The following are some of the options available with the ErgoMICE80[®] rack:


- Trough tunnel that provides enrichment for the animal population.
- The ErgoMICE70[®] rack is available with Edstrom and SE Lab Group automatic watering.
- Udel[®] M2000 amber polysulfone cage assemblies
- Udel[®] M2300 clear polysulfone cage assemblies
- Large capacity .89 liter (30 fl. oz) feeder

The ErgoMICE[®] System offers closed-system, barrier isolation caging system providing unparalleled ease-of-use while maximizing population density and improving the welfare of both animals and caretakers.



OptiMICE C89280M Rack Specifications & Dimensions

Dimensions in inches (millimeters)

 ANIMAL CARE SYSTEMS Inc.	Part Name: C89280M
	Engineering Specification Sheet
Drawn by: S.Corell	Date: 3/30/06
Revised: 040907 Revised part nos., added autowater details	

Weight – 479 Lbs (217 kg) with cages
 Weight w/autowater -- 486 Lbs (220 kg)
 Minimum Ventilation – 32 CFM (902 l/m), 0.10" W.G. (25 pa)
 Recommended Ventilation – 48 CFM (1354 l/m), .15"-.18" W.G. (38-45 pa)
 Minimum Ceiling Exhaust – 4" (100 mm) Dia. Duct
 Exhaust Hose – 2 ea. 3" (75 mm) Dia. Flexible x 120" (3050 mm) Lg.