

**M.I.C.E.® Dual-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.

**D6 Rack Specifications****M85015D6 84-Cage Mouse Rack/M85016D6 42-Cage Rat Rack**

6-Module Double Sided Rack Assembly, Polycarbonate (also available in Polysulfone)

- Includes complete rack assembly with shelves, legs, casters, and 2 vent hose assemblies.
- Includes 84 mouse cage assemblies or 42 rat cage assemblies.
- 48.75" (1238) L x 36.5" (927) D x 78.0" (1981) H.
- 779 lbs (353 kg) including 84 mouse cage or 42 rat cage assemblies.
- Rack assembly is mounted on stainless steel casters with 5" (125 mm) diameter wheels.
- Minimum air flow requirements – 48 CFM (22.5 l/s) per rack.

**D8 Rack Specifications****M85015D8 112-Cage Mouse Rack/M85016D8 56-Cage Rat Rack**

8-Module Double Sided Rack Assembly, Polycarbonate (also available in Polysulfone)

- Includes complete rack assembly with shelves, legs, casters, and 2 vent hose assemblies.
- Includes 112 mouse cage assemblies or 56 rat cage assemblies.
- 65.0" (1651) L x 36.5" (927) D x 78.0" (1981) H.
- 1038 lbs (471 kg) including 112 mouse cage or 56 rat cage assemblies.
- Rack assembly is mounted on stainless steel casters with 5" (125 mm) diameter wheels.
- Minimum air flow requirements – 64 CFM (30 l/s) per rack.

**D10 Rack Specifications****M85015D10 140-Cage Mouse Rack/M85016D10 70-Cage Rat Rack**

10-Module Double Sided Rack Assembly, Polycarbonate (also available in Polysulfone)

- Includes complete rack assembly with shelves, legs, casters, and 2 - 3 vent hose assemblies.
- Includes 140 mouse cage assemblies or 70 rat cage assemblies.
- 81.25" L x 36.5" D x 78.0" H.
- 1412 lbs including 140 mouse cage or 70 rat cage assemblies.
- Rack assembly is mounted on stainless steel casters with 5" diameter wheels.
- Minimum air flow requirements – 80 CFM per rack

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.

## dual-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

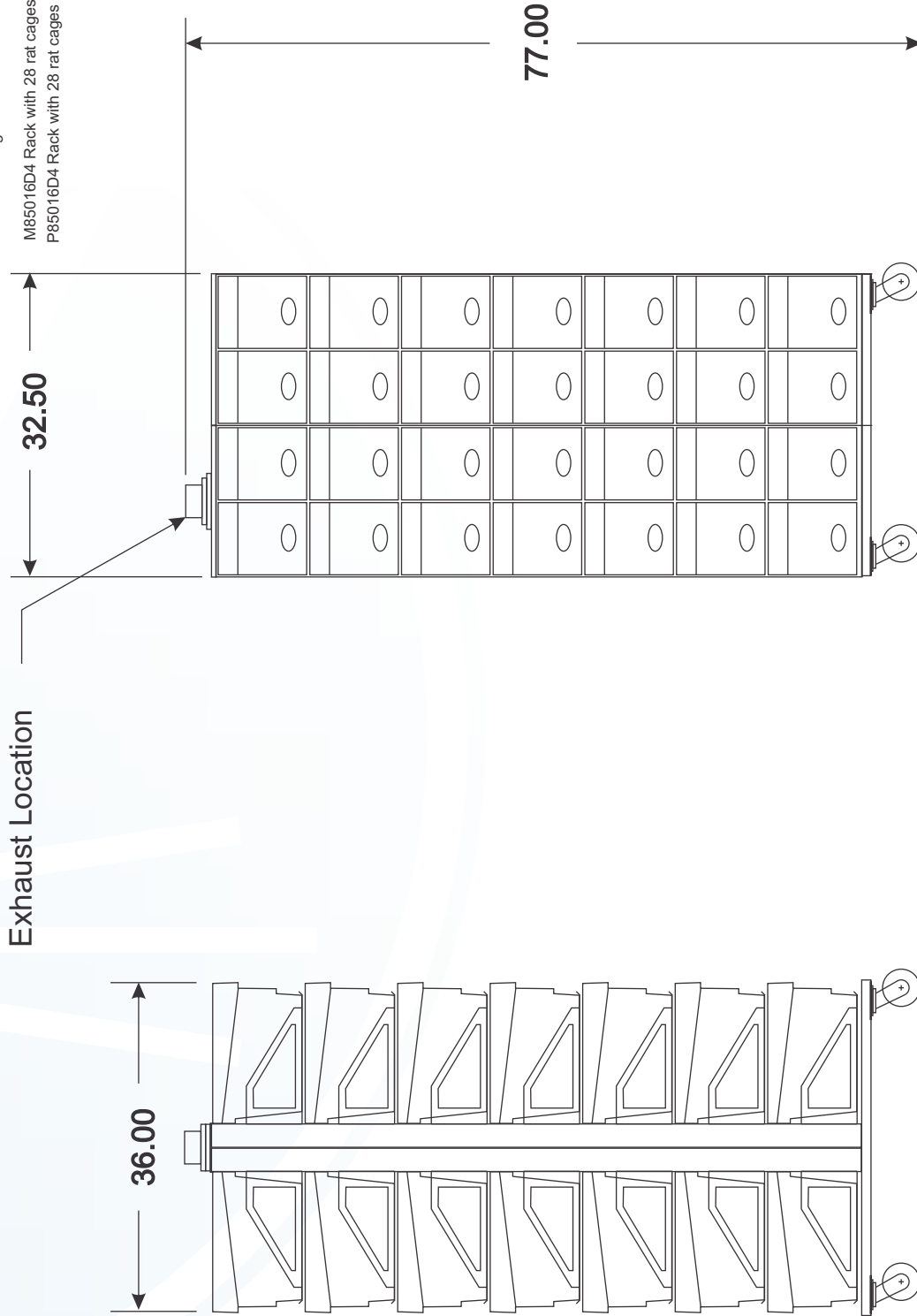
**Cage Material:** Makrolon polycarbonate or Udel polysulfone

# M.I.C.E.<sup>®</sup>

## dual-side rack technical drawings

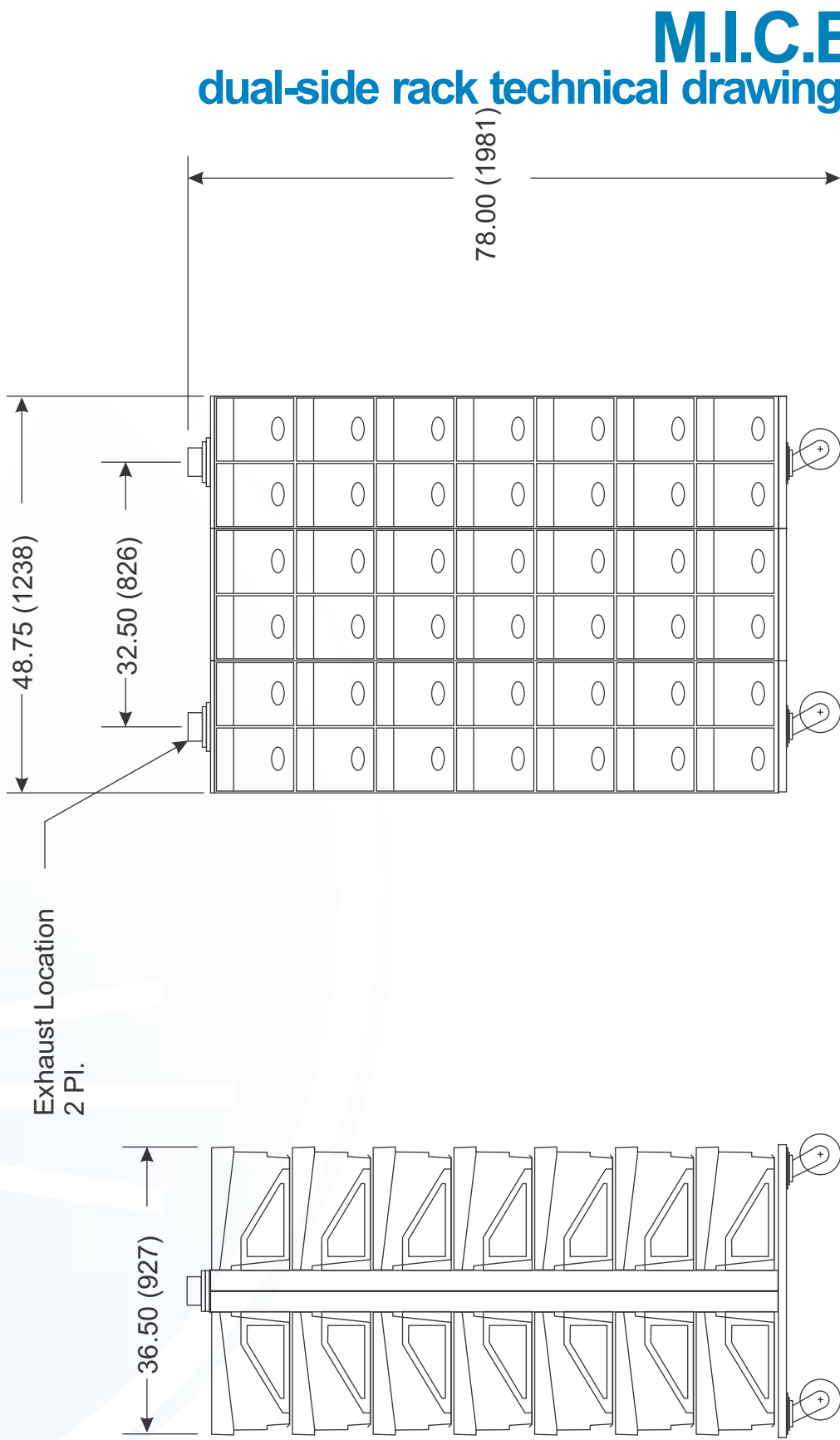
### D4 Rack

Weight – 567 Lbs with cages  
 Minimum Ventilation – 32 CFM  
 Ceiling Exhaust – 1 ea. 3" Dia. Duct\*\*  
 Exhaust Hose – 3" Dia. Flexible x 10' Lg.  
 \*\*Note that larger ducts reduced to 3.00 dia. are acceptable  
 M85016D4 Rack with 28 rat cages has identical specifications.  
 P85016D4 Rack with 28 rat cages has identical specifications.



# D6 Rack

Weight – 849 Lbs (385 kg) with cages  
 Minimum Ventilation – 48 CFM (22.5 l/s)  
 Ceiling Exhaust – 2 ea. 3" (75mm) Dia. Duct\*\*  
 Exhaust Hoses – 3" (75 mm) Dia. Flexible x 10' (3 m) Lg.  
 \*\*Note that alternate ceiling exhaust configurations are acceptable  
 M85016D6 Rack with 42 rat cages has identical specifications.  
 P85016D6 Rack with 42 rat cages has identical specifications.

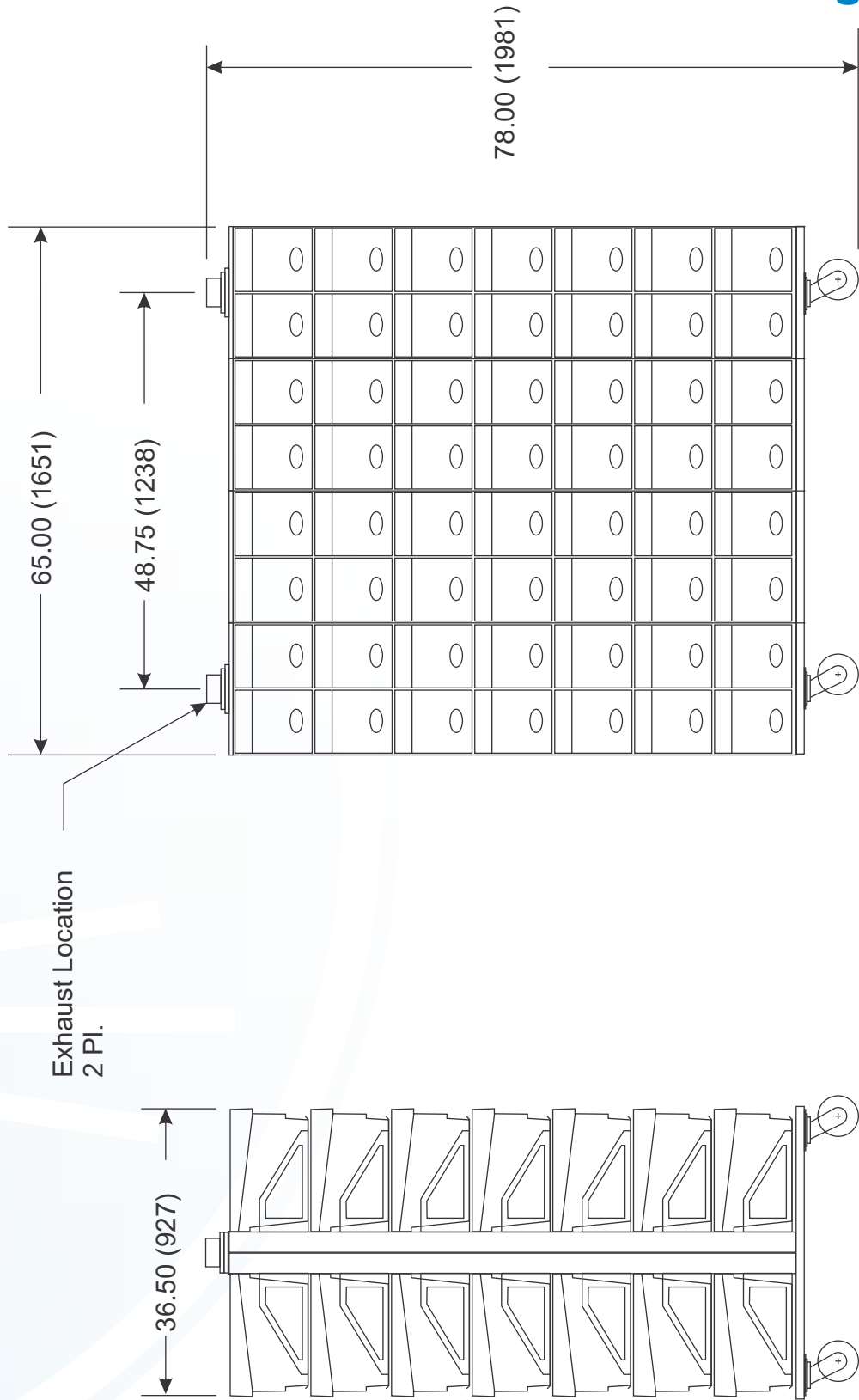


**M.I.C.E.®**  
 dual-side rack technical drawings

# D8 Rack

Weight – 1038 Lb (471 Kg) with cages  
 Minimum Ventilation – 64 CFM (30 l/s)  
 Ceiling Exhaust – 2 ea. 3" (75 mm) Dia. Duct\*\*  
 Exhaust Hoses – 3" (75 mm) Dia. Flexible x 10' (3.0 m) Lg.

\*\*Note that alternate ceiling exhaust configurations are acceptable  
 M85016D8 Rack with 56 rat cages has identical specifications.  
 P85016D8 Rack with 56 rat cages has identical specifications.

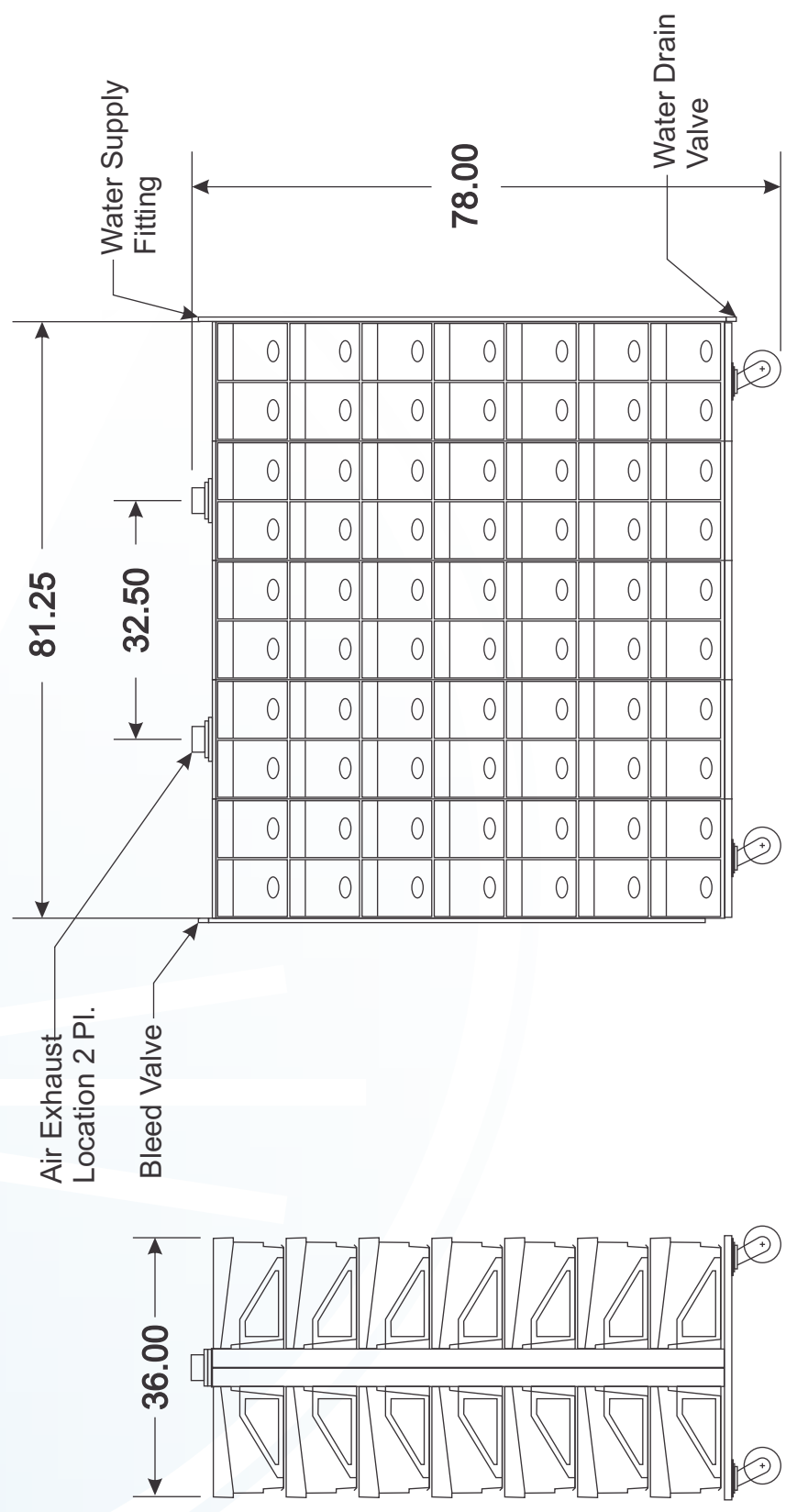


## M.I.C.E.<sup>®</sup> dual-side rack technical drawings

# M.I.C.E.<sup>®</sup>

## dual-side rack technical drawings

### D10 Rack



- Weight – 1412 Lbs with cages
- Minimum Ventilation – 80 CFM
- Ideal Ventilation – 120 CFM
- 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

M85016D10 Rack with 70 rat cages has identical specifications.  
 P85016D10 Rack with 70 rat cages has identical specifications.