



Data / Server Cage System – Engineering Specification Sheet

Product Scope

- Welded wire security cage system designed exclusively for data center and server environments
- Provides controlled physical access to servers, network hardware, and critical IT infrastructure
- Maintains required airflow, visibility, and security within shared or dedicated data center facilities

Intended Applications

- Server rack and cabinet containment
- Colocation tenant cages within shared data center facilities
- Secure network and telecom equipment areas
- Restricted access zones inside data centers

System Components

- Welded wire panels fabricated from 8-gauge steel
- Wire mesh spacing: 2 in. x 2 in. (1.84 in. clear opening)
- Panels include formed fluting for increased rigidity and tamper resistance
- Structural posts fabricated from 2.5 in. x 2.5 in. 16-gauge steel

Configuration, Height & Panel Widths

- Standard cage heights: 8 ft and 10 ft
- 8 ft cage height achieved by stacking two 48 in. panels
- 10 ft cage height achieved by stacking two 60 in. panels
- Standard panel widths include 24 in., 36 in., 48 in., 60 in., 72 in., 84 in., and 96 in.
- Available as two-, three-, or four-sided cage configurations
- Maximum floor sweep space: 3-1/2 in.
- Ceiling panels provided unless cage extends to the building structure
- Custom sizes and configurations available

Doors & Electronic Access

- Single or double swing doors available
- Sliding doors are available where aisle or equipment clearance is limited
- Doors available with hydraulic closers or self-closing mechanisms
- Compatible with electronic access control systems including electric strikes, magnetic locks, and proximity card readers

Installation

- Panel-to-post connections utilize Husky's bolt-free hook-and-drive-pin system for faster installation
- Panels may be field modified to accommodate cable trays, conduit, piping, or building obstructions
- Designed for rapid installation in active data center environments

Environmental Performance

- Open welded wire construction supports optimal airflow
- Compatible with hot aisle and cold aisle cooling strategies
- Allows continuous visual monitoring of equipment and indicator lights

Finish & Manufacturing

- Black powder-coated steel finish
- Manufactured in the United States
- Constructed using 100% U.S.-sourced steel

Installer Responsibility

- Installation by qualified professionals experienced in data center environments
- Installer is responsible for anchorage, grounding, and coordination with building systems and access control hardware