

# product spotlight

## ES SERVER ENCLOSURES



### Construction

- 14 gauge frame, formed 5 times for strength
- Door has 3 hinges, allows for 180 degree swing ratio
- 44 RMU, heavy duty 12 gauge mounting rails, all RMUs are usable

### Cable Management

- Increased rear vertical capacity (over 9")
- New 3"W x 3"D vertical cable troughs (optional)

### Power Handling

- Zero RMU 19"EIA mounting for any 1 RMU equipment
- Up to 2 vertical troughs & 1 PDU or 1 vertical trough & 2 PDUs per rear corner

### New Contour Mesh Doors

- Standard front & rear
- Increased area of mesh & total airflow
- Mount LE fans to eliminate hot spots & aid in horizontal ventilation
- Standard Easy Latching Handle

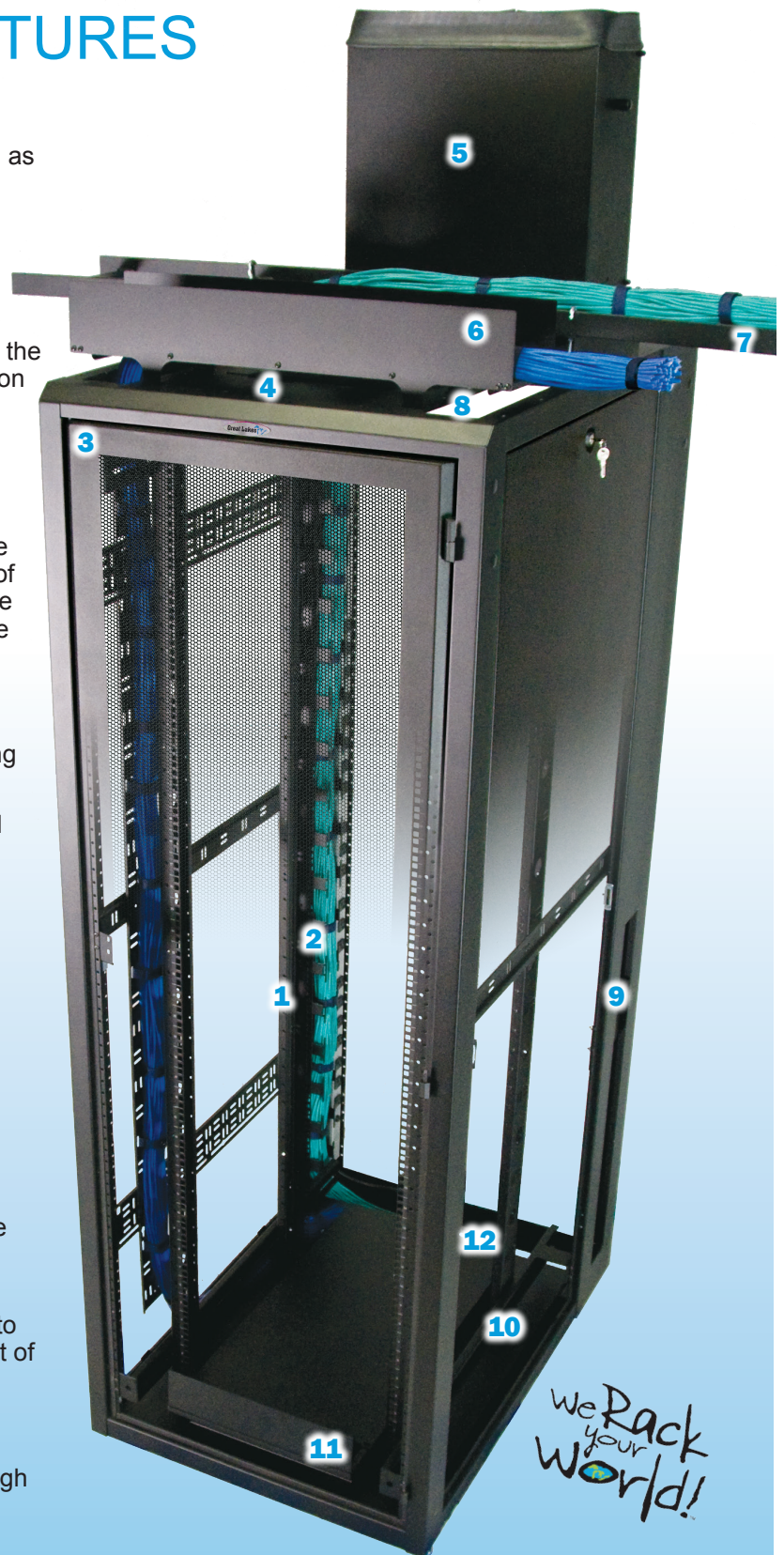
### Part No.

### Description

GL840ES-3048MS	84"H x 30"W x 48"D, 44 RMU
GL840ES-2448MS	84"H x 24"W x 48"D, 44 RMU
GL840ES-3042MS	84"H x 30"W x 42"D, 44 RMU
GL840ES-2442MS	84"H x 24"W x 42"D, 44 RMU
GL780ES-3042MS	78"H x 30"W x 42"D, 42 RMU
GL780ES-2442MS	78"H x 24"W x 42"D, 42 RMU
GL480ES-2442MS	48"H x 24"W x 42"D, 24 RMU

# ES ENCLOSURE FEATURES

1. Universal power strip mounting brackets allow the mounting of all major brands of power strips, as well as Great Lakes' vertical cable troughs
2. Vertical cable troughs can be installed in each rear corner to handle large cable bundles (up to three, when no PDU is mounted)
3. Contour mesh doors allow more cool air into the enclosure, and exhaust to escape; fan kits mount to the door to aid in horizontal ventilation and the elimination of hot spots
4. Brush grommet top panels create easier overhead cable access while keeping air flow disruption to a minimum
5. Exhaust chimneys serve as a duct that assists in the removal of hot air from the enclosure. The process of removing exhaust air can be accelerated through the use of a chimney fan tray. A soft grommet seal at the top of the chimney ensures a tight fit between the chimney and the ceiling
6. Top cable troughs can be mounted over top cable access knockouts so that cables are supported along the bend radius
7. Ladder rack brackets eliminate the need to suspend ladder rack from the ceiling, thus reducing overhead cable infrastructure
8. Cable access knockouts found along the top of the enclosure (30"W only) allow overhead cabling (optional brush grommet seals gaps around cables to prevent air recirculation)
9. Vertical cable pass throughs on the corner post are designed for side networking cable access (optional brush grommet seals gaps around cables to prevent air recirculation)
10. Horizontals of the frame do not extend the entire length of the enclosure, leaving empty space in the rear of the enclosure; this large cavity creates space for tall PDUs and additional cable organizers
11. Air managers mount to the bottom RMU of the enclosure to "manage" the flow of conditioned air into the enclosure. An adjustable slide allows the amount of air to be adjusted as necessary, while maintaining raised floor pressure throughout a data center
12. Bottom cable access knockouts allow under floor cabling and are ideal to pass large PDU plugs through (optional brush grommet bottom panel seals gaps around cables)



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