

ACCESSPLUS DOUBLE-HINGE, TYPE 1

INDUSTRY STANDARDS

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| UL 2416; Type 1; File No. E230874 cUL Listed per CSA C22.2 No. 182.4 |
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EIA 310-D
 NEMA/EEMAC Type 1
 EIC 60529 IP20
 Per BICSI TDMM Tenth edition, Chapter 7, Telecommunication Enclosures (TE)

APPLICATION

AccessPlus Cabinets provide security, equipment access, cooling and support for network and other 19-in. rack-mount equipment. The cabinet has three components: front door, center section and wall section.

FEATURES

- Double-hinged for easy equipment access; center section provides 19-in. rack mounting per EIA universal spacing and is accessed through the front door or swing the center section away from the wall section for rear access
- Round corners; no sharp edges
- Front door has either a solid steel or hardened, tinted safety-glass window door for superior scratch resistance
- Center section easily removed from rear section; tool-less one-person installation possible
- Self-grounding, plated steel rack angles fully adjustable within center section
- Wall section provides cable entry and cable management with knockouts or gland plates
- Gland plate model provides easy retrofit and fast installation and allows for pre-terminated cables or pre-wired patch panels; no need to re-terminate and test
- Self-locking center-to-wall section latches in two locations
- Front access to all latches (no exposed side latches); cabinet can be installed tightly in corners
- Vented sides provide cross flow ventilation to improve heat dissipation
- Vertical cable manager included in 28-in.-wide models
- A full line of accessories is available
- One set of plated, self-grounding, tapped 10-32 rack angles per EIA universal spacing standards, which can be adjusted front-to-back, is provided with each center section of the cabinet; additional tapped- or square-hole rack angles can be added to the cabinet to provide additional mounting

SPECIFICATIONS
Front Door (window or solid steel)

- Composite frame (injection molded top and bottom with extruded composite sides)
- 140-degree opening door
- Field-reversible (left or right) hinge
- Quarter-turn key lock, two keys included
- Window door is scratch-resistant 1/4-in. tinted safety glass
- Solid door has 16 gauge steel insert with matching black finish

Center Section

- Welded 14 gauge steel
- Solid top of center sections provides protection against falling debris
- Vented sides (to which fans can be added)
- Self-latching closure connects center section to wall section
- Self-alignment ramp supports center section to wall section
- Heavy duty center-to-rear section hinge with quick-release self-retained hinge pin eases wall installation

Rack-Mounting Angles

- 12 gauge, plated steel
- EIA universal spaced 19-in. rack-mounting holes
- RU marked from bottom to top
- Tapped 10-32 holes, 20 mounting screws included

Rear Wall Section

- Welded 14 gauge steel
- Radius corners; no sharp edges
- Available with knockouts or gland plates
- Raised pads for accessory mounting
- Cable tie-down points for cable management
- Keyhole mounting holes allow wall section to be mounted over fasteners and eases installation
- Three cable-entry grommets

FINISH

Pretreated steel coated with RAL 9005 black light-textured, low-gloss polyester powder paint. Other finishes available—contact nVent HOFFMAN Customer Service.

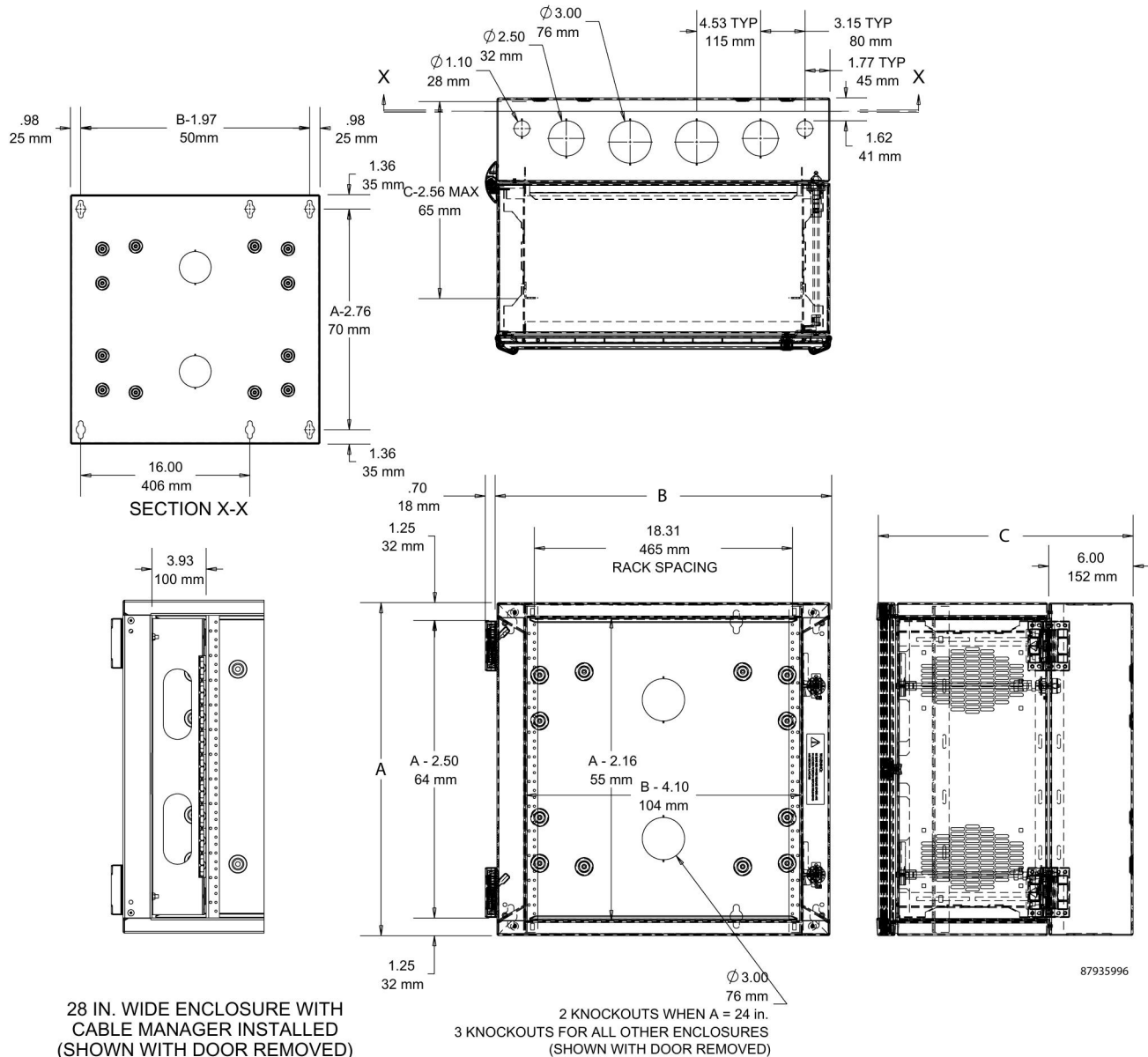
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Standard Product Window Door

| Catalog Number | AxBxC in. | AxBxC mm | Rack Units | Additional Rack Angles* |
|----------------|-----------------------|------------------|------------|-------------------------|
| EWMW162418 | 16.75 x 24.41 x 18.20 | 425 x 620 x 462 | 8 | EWMR16T or EWMR16S |
| EWMW242418 | 23.60 x 23.62 x 18.20 | 600 x 600 x 462 | 12 | EWMR24T or EWMR24S |
| EWMW362418 | 36.02 x 23.62 x 18.20 | 915 x 600 x 462 | 19 | EWMR36T or EWMR36S |
| EWMW482418 | 48.03 x 23.62 x 18.20 | 1220 x 600 x 462 | 26 | EWMR48T or EWMR48S |
| EWMW602418 | 60.04 x 23.62 x 18.20 | 1525 x 600 x 462 | 32 | EWMR60T or EWMR60S |
| EWMW722418 | 72.05 x 23.62 x 18.20 | 1830 x 600 x 462 | 39 | EWMR72T or EWMR72S |
| EWMW162425 | 16.75 x 24.41 x 25.10 | 425 x 620 x 638 | 8 | EWMR16T or EWMR16S |
| EWMW362425 | 36.02 x 23.62 x 25.09 | 915 x 600 x 637 | 19 | EWMR36T or EWMR36S |
| EWMW242425 | 23.62 x 23.62 x 25.09 | 600 x 600 x 637 | 12 | EWMR24T or EWMR24S |
| EWMW482425 | 48.03 x 23.62 x 25.09 | 1220 x 600 x 637 | 26 | EWMR48T or EWMR48S |
| EWMW602425 | 60.04 x 23.62 x 25.09 | 1525 x 600 x 637 | 32 | EWMR60T or EWMR60S |
| EWMW722425 | 72.05 x 23.62 x 25.09 | 1830 x 600 x 637 | 39 | EWMR72T or EWMR72S |
| EWMW242430 | 23.62 x 23.62 x 30.01 | 600 x 600 x 762 | 12 | EWMR24T or EWMR24S |
| EWMW362430 | 36.02 x 23.62 x 30.01 | 915 x 600 x 762 | 19 | EWMR36T or EWMR36S |
| EWMW482430 | 48.03 x 23.62 x 30.01 | 1220 x 600 x 762 | 26 | EWMR48T or EWMR48S |
| EWMW242436 | 23.60 x 24.41 x 37.50 | 599 x 620 x 953 | 12 | EWMR24T or EWMR24S |
| EWMW362436 | 36.00 x 24.41 x 37.50 | 914 x 620 x 953 | 19 | EWMR36T or EWMR36S |
| EWMW482436 | 48.00 x 24.41 x 37.50 | 1219 x 620 x 953 | 26 | EWMR48T or EWMR48S |

B dimension does not include wall-to-center section hinge.

*Catalog numbers ending in S are square hole and numbers ending in T are tapped holes.



Standard Product **Solid Door**

| Catalog Number | AxBxC in. | AxBxC mm | Rack Units | Additional Rack Angles* |
|----------------|-----------------------|------------------|------------|-------------------------|
| EWMS242418 | 23.62 x 23.62 x 18.20 | 600 x 600 x 462 | 12 | EWMR24T or EWMR24S |
| EWMS362418 | 36.02 x 23.62 x 18.20 | 915 x 600 x 462 | 19 | EWMR36T or EWMR36S |
| EWMS482418 | 48.03 x 23.62 x 18.20 | 1220 x 600 x 462 | 26 | EWMR48T or EWMR48S |
| EWMS242425 | 23.62 x 23.62 x 25.09 | 600 x 600 x 637 | 12 | EWMR24T or EWMR24S |
| EWMS362425 | 36.02 x 23.62 x 25.09 | 915 x 600 x 637 | 19 | EWMR36T or EWMR36S |
| EWMS482425 | 48.03 x 23.62 x 25.09 | 1220 x 600 x 637 | 26 | EWMR48T or EWMR48S |
| EWMS242430 | 23.60 x 24.41 x 30.00 | 599 x 620 x 762 | 12 | EWMR24T or EWMR24S |
| EWMS242436 | 23.60 x 24.41 x 37.50 | 599 x 620 x 953 | 12 | EWMR24T or EWMR24S |
| EWMS362430 | 36.00 x 24.41 x 30.00 | 914 x 620 x 762 | 19 | EWMR36T or EWMR36S |
| EWMS362436 | 36.00 x 24.41 x 37.50 | 914 x 620 x 953 | 19 | EWMR36T or EWMR36S |
| EWMS482436 | 48.00 x 24.41 x 37.50 | 1219 x 620 x 953 | 26 | EWMR48T or EWMR48S |

B dimension does not include wall-to-center section hinge.

*Catalog numbers ending in S are square hole and numbers ending in T are tapped holes.



Standard Product **Window Door with Cable Manager**

| Catalog Number | AxBxC in. | AxBxC mm | Rack Units | Additional Rack Angles* | Vertical Cable Mgr. Catalog Number ^a |
|----------------|-----------------------|------------------|------------|-------------------------|---|
| EWMW242825 | 23.62 x 27.56 x 25.09 | 600 x 700 x 637 | 12 | EWMR24T or EWMR24S | EWMC24 |
| EWMW362825 | 36.02 x 27.56 x 25.09 | 915 x 700 x 637 | 19 | EWMR36T or EWMR36S | EWMC36 |
| EWMW482825 | 48.03 x 27.56 x 25.09 | 1220 x 700 x 637 | 26 | EWMR48T or EWMR48S | EWMC48 |

B dimension does not include wall-to-center section hinge.

^a For additional rack angles, also order vertical cable manager.

*Catalog numbers ending in S are square hole and numbers ending in T are tapped holes.



Standard Product **Window Door with Gland Plate**

| Catalog Number | AxBxC in. | AxBxC mm | Rack Units | Additional Rack Angles* |
|----------------|-----------------------|------------------|------------|-------------------------|
| EWMWG242418 | 23.62 x 23.62 x 18.20 | 600 x 600 x 462 | 12 | EWMR24T or EWMR24S |
| EWMWG362418 | 36.02 x 23.62 x 18.20 | 915 x 600 x 462 | 19 | EWMR36T or EWMR36S |
| EWMWG482418 | 48.03 x 23.62 x 18.20 | 1220 x 600 x 462 | 26 | EWMR48T or EWMR48S |
| EWMWG242425 | 23.62 x 23.62 x 25.09 | 600 x 600 x 637 | 12 | EWMR24T or EWMR24S |
| EWMWG362425 | 36.02 x 23.62 x 25.09 | 915 x 600 x 637 | 19 | EWMR36T or EWMR36S |
| EWMWG482425 | 48.03 x 23.62 x 25.09 | 1220 x 600 x 637 | 26 | EWMR48T or EWMR48S |
| EWMWG242436 | 23.60 x 24.41 x 37.50 | 599 x 620 x 953 | 12 | EWMR24T or EWMR24S |
| EWMWG362436 | 36.00 x 24.41 x 37.50 | 914 x 620 x 953 | 19 | EWMR36T or EWMR36S |

B dimension does not include wall-to-center section hinge.

*Catalog numbers ending in S are square hole and numbers ending in T are tapped holes.



Standard Product **Window Door with Cable Manager and Gland Plate**

| Catalog Number | AxBxC in. | AxBxC mm | Rack | Additional | Vertical |
|----------------|-----------------------|------------------|------|--------------------|----------|
| EWMWG242825 | 23.60 x 28.31 x 25.10 | 599 x 719 x 638 | 12 | EWMR24T or EWMR24S | EWMC24 |
| EWMWG362825 | 36.00 x 28.31 x 25.10 | 914 x 719 x 638 | 19 | EWMR36T or EWMR36S | EWMC36 |
| EWMWG482825 | 48.00 x 28.31 x 25.10 | 1219 x 719 x 638 | 26 | EWMR48T or EWMR48S | EWMC48 |

Load Rating

| Height | Load Capacity |
|--------|---------------|
| 16 in. | 250 lbs. |
| 24 in. | 250 lbs. |
| 36 in. | 300 lbs. |
| 48 in. | 350 lbs. |
| 60 in. | 400 lbs. |
| 72 in. | 500 lbs. |

Cabinets were tested to 2X the above load capacities without failure. Contact Hoffman if other loading specifications are required.

VERTICAL CABLE MANAGERS FOR 28-IN.-WIDE CABINET


Use AccessPlus Cable Managers when ordering additional rack angles for 28-in.-wide cabinet.

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| Catalog Number | Description | Fits Cabinet |
|----------------|---|----------------------|
| EWMC24 | AccessPlus Vertical Cable Manager 24.00 in. | A = 24.00; B = 28.00 |
| EWMC36 | AccessPlus Vertical Cable Manager 36.00 in. | A = 36.00; B = 28.00 |
| EWMC48 | AccessPlus Vertical Cable Manager 48.00 in. | A = 48.00; B = 28.00 |

Vertical Cable Manager Capacity Number of cables at 60 percent filled

| Cross Section (Area) | 5e (0.22 in. dia.) | 6 (0.28 in. dia.) | 6A (0.35 in. dia.) |
|-----------------------|--------------------|-------------------|--------------------|
| 24.5 in. ² | 380 | 300 | 208 |

RACK ANGLES


Square- and tapped-hole rack angles fit into AccessPlus cabinets.

BULLETIN: DWDH1

| Catalog Number | Description | Rack Units | Fits Cabinet |
|----------------|--------------------|------------|--------------|
| EWMR16T | Fits 16-in. tapped | 8 | A = 16.00 |
| EWMR24T | Fits 24-in. tapped | 12 | A = 24.00 |
| EWMR36T | Fits 36-in. tapped | 19 | A = 36.00 |
| EWMR48T | Fits 48-in. tapped | 26 | A = 48.00 |
| EWMR60T | Fits 60-in. tapped | 32 | A = 60.00 |
| EWMR72T | Fits 72-in. tapped | 39 | A = 72.00 |
| EWMR16S | Fits 16-in. square | 8 | A = 16.00 |
| EWMR24S | Fits 24-in. square | 12 | A = 24.00 |
| EWMR36S | Fits 36-in. square | 19 | A = 36.00 |
| EWMR48S | Fits 48-in. square | 26 | A = 48.00 |
| EWMR60S | Fits 60-in. square | 32 | A = 60.00 |
| EWMR72S | Fits 72-in. square | 39 | A = 72.00 |

FAN KITS


Accessory used to provide 100 CFM of air flow in an AccessPlus cabinet that includes a 4-in. fan, blocking plate and finger guard.

BULLETIN: DWDH1

| Catalog Number | Description | Fits Cabinet |
|----------------|--|------------------------------------|
| EWMF1 | 4-in. fan with plug and blocking plates, 115 VAC, 100 CFM small | Fits all C = 18.00 |
| EWMF2 | 4-in. fan with plug and blocking plates, 115 VAC, 100 CFM, large | Fits all C = 25.00, 30.00 or 36.00 |

FAN FILTER AND FINGER GUARD KIT


Low-density filter kit for 4-in. (102-mm) fans. Can also be used as vent. Filter is removable and can be cleaned and reused. Mounting hardware included.

BULLETIN: DWS1

| Catalog Number | Description | Fits |
|----------------|---------------------------------|------------|
| AFLTR4LD | Fan Filter and Finger Guard Kit | 4-in. fans |

DATACOM WALL-MOUNT CABINET WITH GLAND PLATE APPLICATION

This cabinet offers significant advantages in retrofit applications. The gland plate is mounted at the top and the bottom to accommodate cable runs from above, below or both. The gland plate casing can be removed while patch panels and associated wiring are brought to the cabinet.

1. Once the wall section is installed on the wall, lay in the patch panel.
4. Install the center section, then mount patch panels on rack angles.



2. Install the cable gland plate onto the wall section.



5. Close and lock the door.



3. Use wire ties or cable wraps to secure the cable to the cabinet.

