WM, WD, WS, WE, 15WM & NEMA Series Wall Mounts

Installation Instructions

WDS

WM

WeRackYourWorld.com

1-866-TRY-GLCC (879-4522)

GREAT LAKES
CASE & CABINET

Invest in Solid Engineering

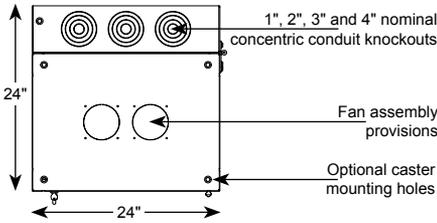# Thank you for your business!

IMPORTANT NOTES REGARDING WALL MOUNT INSTALLATION

When installing a Great Lakes wall-mounted rack enclosure to materials such as wood, cinder block, concrete, etc., please consider the load capacity within the wall mount structure, and be certain to check with local authorities to determine the appropriate hardware requirements for these conditions. Because wall compositions may vary at different installation sites, Great Lakes cannot warrant the fitness or suitability of any installation instructions or installation hardware it may provide for wall-mount rack enclosures. Great Lakes recommends that an experienced maintenance and/or technical person be consulted regarding the proper wall-mounting hardware and procedures to be used for the anticipated load capacity of the wall-mounted rack enclosure.

Maximum weight capacity determined at minimal deflection. *(Deflection chart available upon request.)* Make sure enclosure is secured and squared on mounting surface.
Improper installation will cause excessive deflection.

WS SERIES WALL MOUNT/ SWING OUT ENCLOSURE

1. Mounting holes are designed for 1/4"hardware, 16" on center.

2. Use the template on the shipping box to locate your mounting holes. (WM & WS only)
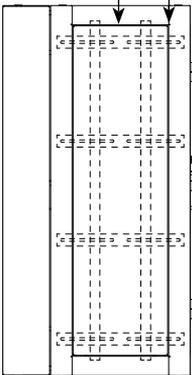
3. WS and WD handles can be found in the hardware bag.

1", 2", 3" and 4" nominal concentric conduit knockouts

Fan assembly provisions

Optional caster mounting holes

24"

24"

Two pair 19" EIA rails provided with each enclosure

Part No.	H	W	D
GL24WS	24.00"	24.00"	24.00"
GL36WS	36.00"	24.00"	24.00"
GL48WS	48.00"	24.00"	24.00"

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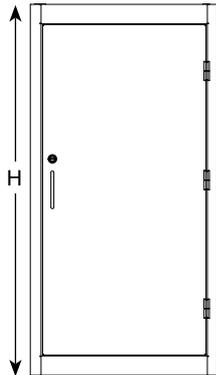LISTED

Mounting holes for 1/4" hardware, 16.00" centers
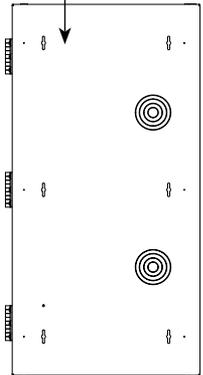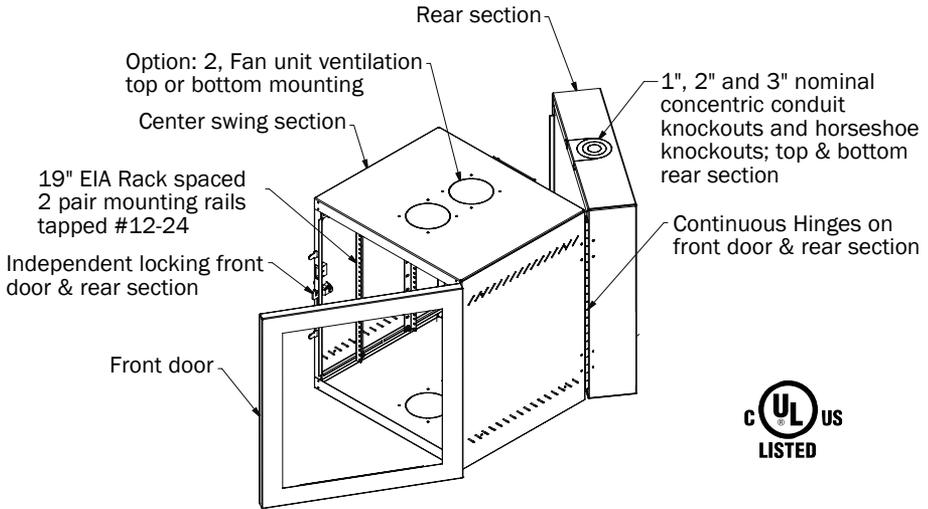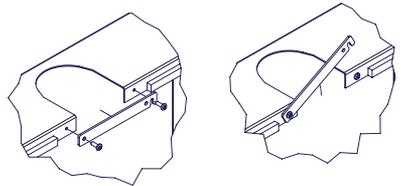
H
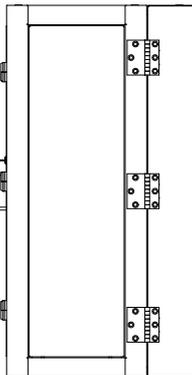
Side View   Side View   Front View   Rear View

3

WM SERIES WALL MOUNT ENCLOSURE

1. Mounting holes are designed for 1/4" hardware, 16.00" on center.

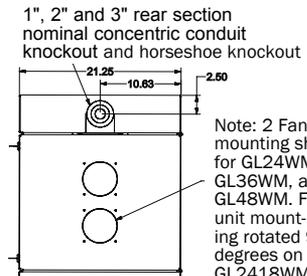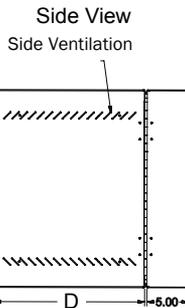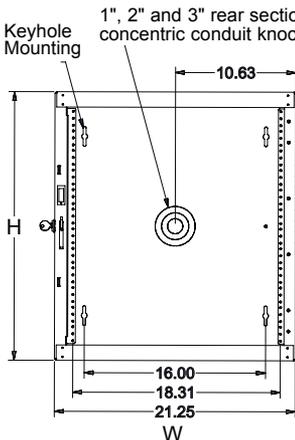2. Use the template on the shipping box to locate your mounting holes. (WM & WS only)

Rear section

Option: 2, Fan unit ventilation top or bottom mounting

Center swing section

1", 2" and 3" nominal concentric conduit knockouts and horseshoe knockouts; top & bottom rear section

19" EIA Rack spaced 2 pair mounting rails tapped #12-24

Independent locking front door & rear section

Continuous Hinges on front door & rear section

Front door

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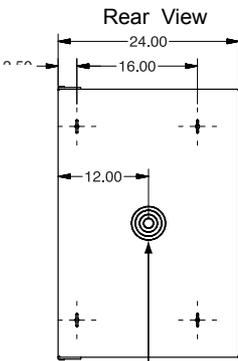| Part No.	H	W	D
GL2418WM	24.00"	21.25"	18.00"
GL24WM	24.00"	21.25"	24.50"
GL36WM	36.00"	21.25"	24.50"
GL48WM	48.00"	21.25"	24.50"

Use latch supplied in hardware bag, when horseshoe knockout is used

Front View

Keyhole Mounting

1", 2" and 3" rear section nominal concentric conduit knockout

10.63

H

16.00
18.31
21.25
W

Side View
Side Ventilation

D — 5.00

1", 2" and 3" rear section nominal concentric conduit knockout and horseshoe knockout

21.25
10.63 — 2.50
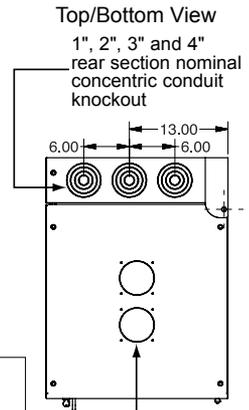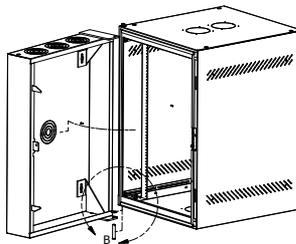
Note: 2 Fan unit mounting shown for GL24WM, GL36WM, and GL48WM. Fan unit mounting rotated 90 degrees on GL2418WM.

Top/Bottom View
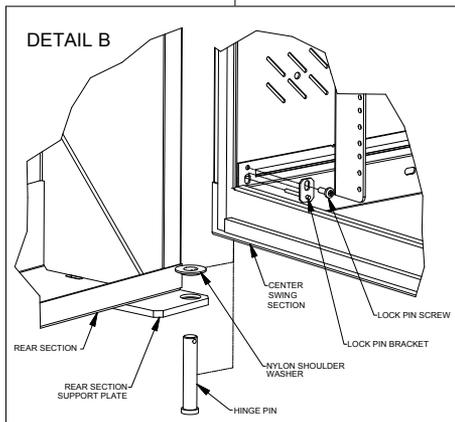
4

WD SERIES WALL MOUNT ENCLOSURE

1. Mounting holes are designed for 1/4" hardware, 16.00" on center.
2. See detail "B" to remove pins for mounting back section to the wall (make sure to reinstall back pin after wall mounting)
3. WS and WD handles can be found in the hardware bag.

Front View

24.00
19.57
18.31
17.75

12-24 UNC - 2B

36.00
30.13
36.50

Side View

25.90
6.00
32.13

Rear View

24.00
16.00

12.00

1", 2", 3" and 4" nominal concentric conduit knockout

Top/Bottom View

1", 2", 3" and 4" rear section nominal concentric conduit knockout

6.00
13.00
6.00
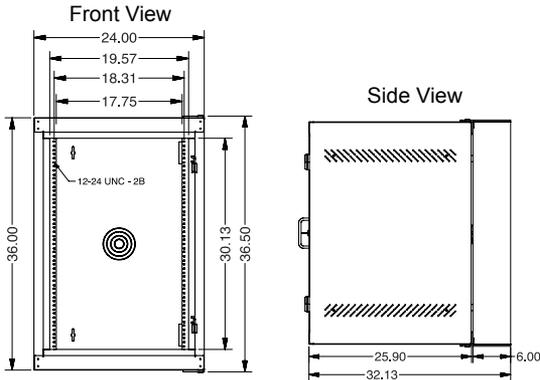
Fan knockouts for 7217Ws assembly located on top and bottom

DETAIL B

CENTER SWING SECTION

LOCK PIN SCREW

LOCK PIN BRACKET

REAR SECTION

REAR SECTION SUPPORT PLATE

NYLON SHOULDER WASHER
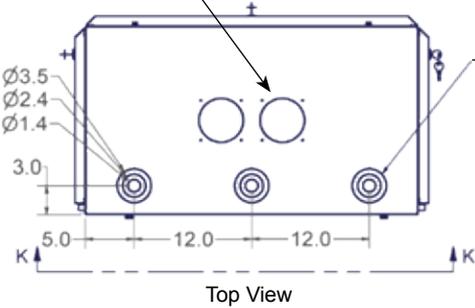
HINGE PIN

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WE SERIES WALL MOUNT ENCLOSURE

1. Mounting holes are designed for 1/4" hardware, 16.00" on center.

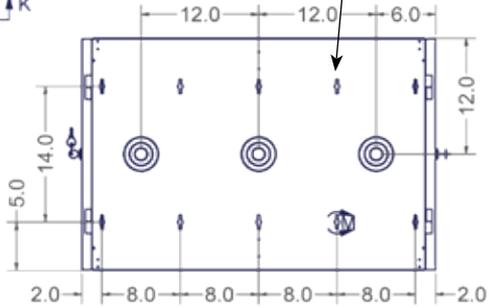2. Wall Mount must be mounted to three wall studs to achieve maximum weight capacity.

Mesh Doors with lock (quantity 2)

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24.0"

36.1"

20.5"
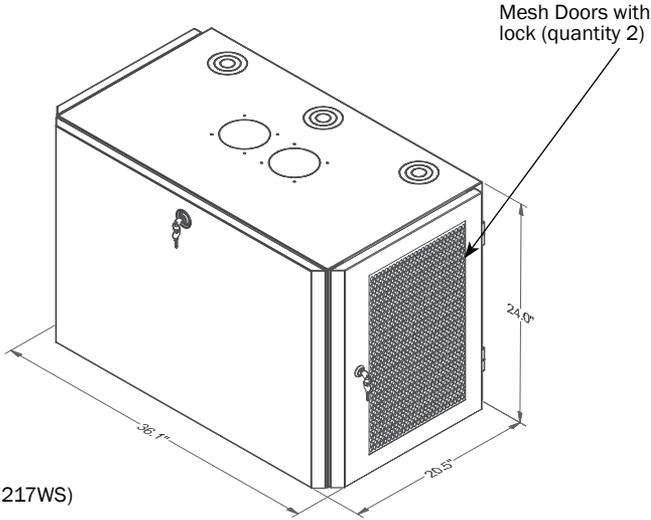
Fan Assembly Provision (7217WS)

Ø3.5
Ø2.4
Ø1.4

3.0

5.0   12.0   12.0

K   K

Top View

1", 2" and 3" nominal concentric conduit knockout; Typ. 3 top & bottom Typ. 3 rear

Mounting holes for 1/4" hardware

12.0   12.0   6.0

12.0

14.0

5.0

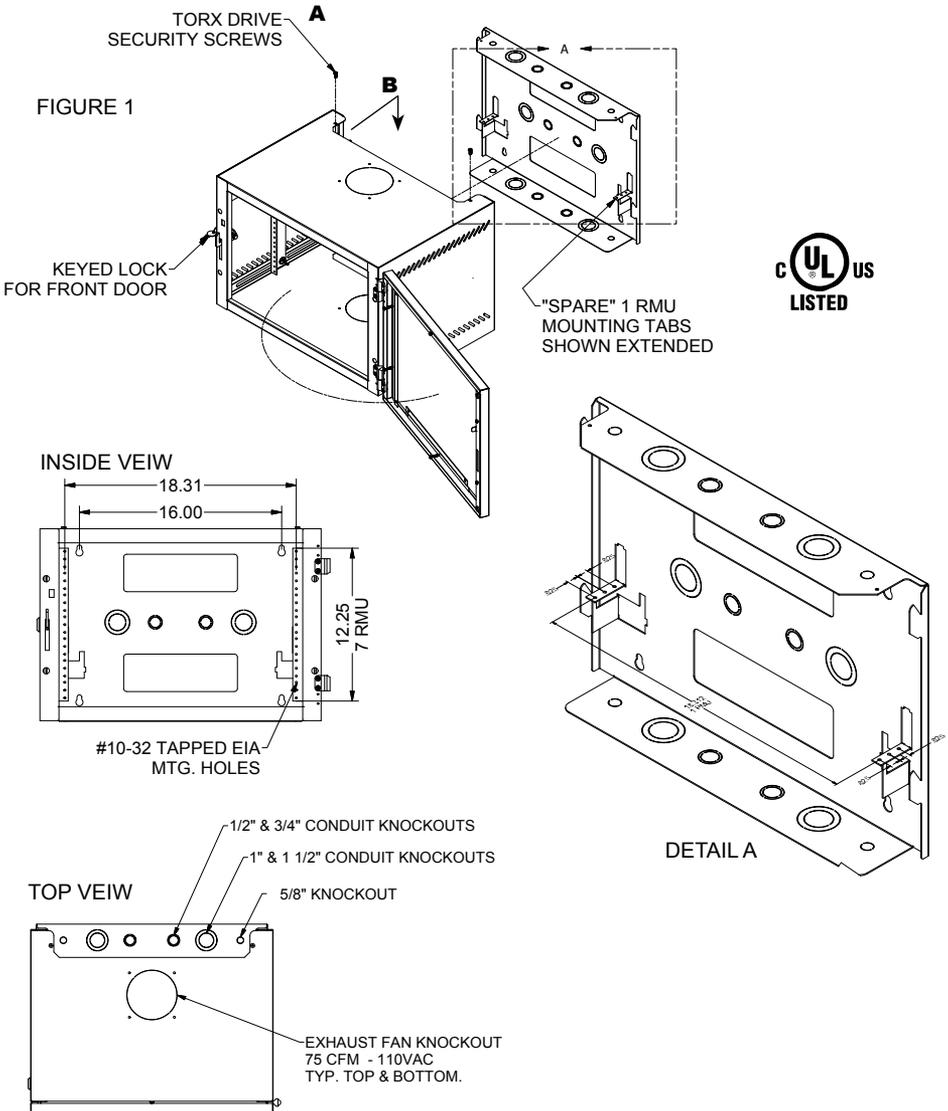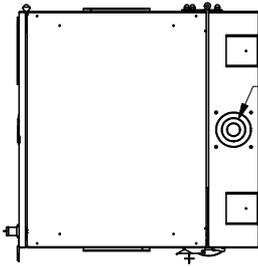2.0   8.0   8.0   8.0   8.0   2.0

Rear View

15WM SERIES
WALL MOUNT

1. Unscrew specialty torx screw using the supplied torx screw bit. Fig 1 (A)
2. Remove back panel from wall mount. Fig 1
3. Mount back panel to wall using ¼" hardware, 16" on center.
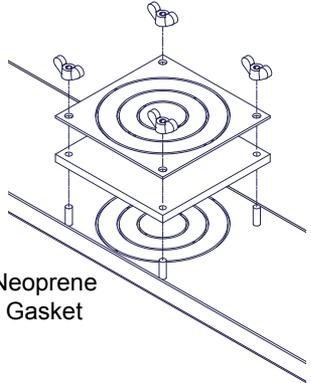4. Once back panel is mounted, hang main body on mounted back panel. Fig 1 (B)
5. Secure main body using torx screw (keep screw in safe place for future use).
Note: Push down tabs (Detail A) to get one RMU mounting on the back panel.

TORX DRIVE SECURITY SCREWS **A**

B

FIGURE 1

A

KEYED LOCK FOR FRONT DOOR

"SPARE" 1 RMU MOUNTING TABS SHOWN EXTENDED

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LISTED

INSIDE VEIW

18.31
16.00

12.25
7 RMU

#10-32 TAPPED EIA MTG. HOLES

DETAIL A

1/2" & 3/4" CONDUIT KNOCKOUTS
1" & 1 1/2" CONDUIT KNOCKOUTS
5/8" KNOCKOUT

TOP VEIW

EXHAUST FAN KNOCKOUT
75 CFM - 110VAC
TYP. TOP & BOTTOM.

NEMA 12 WALL MOUNT ENCLOSURES

PART NO.	H	RMU	WT. CAP.	SHIP. WT.
GL240N12	24.00"	12	150 lbs	105 lbs
GL360N12	36.00"	19	250 lbs	140 lbs
GL480N12	48.00"	26	300 lbs	175 lbs

Instructions:

The enclosure has been fully assembled at the factory, all you need to do is mount it to the wall. The mounting holes on this wall mount are designed for 1/4" hardware, 16" on center. Internal rails are adjustable every 1".

24.000

A

H

(H + 2.50) ℄ TO℄

.280 TYP

A

16.000 ℄ TO℄

FRONT VIEW

SIDE CABLE ACCESS FOR 1", 2", 3" CONDUIT SIZES

24.000

(H + 6.00)

RIGHT SIDE VIEW

REAR TOP CABLE ACCESS
FOR 1", 2", 3" CONDUIT SIZES

TOP VIEW

Neoprene
Gasket

Ø1/4" LAG SCREWS RECOMMENDED
FOR MOUNTING INTO WALL STUDS

REAR SECTION
OF 14 GA CRS
CONSTRUCTION

GLAND PLATES CAN BE REMOVED
TO ADD OPTIONAL FANS OR FILTERS

HINGED CENTER SECTION
OF 14 GA CONSTRUCTION

SOLID HINGED 16 GA FRONT
DOOR w/(2) DRAW LATCHES
PLUS KEY LOCKING LATCH
w/DUST COVER
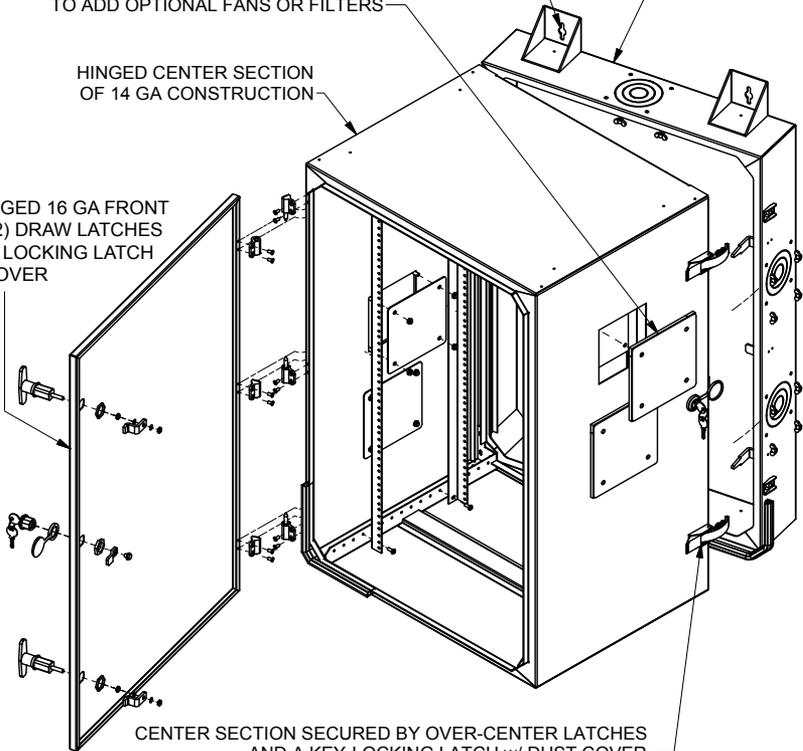
CENTER SECTION SECURED BY OVER-CENTER LATCHES
AND A KEY-LOCKING LATCH w/ DUST COVER

9

WALL MOUNT ACCESSORIES

PART NO.	DESCRIPTION	WM	WS	WD	WE	NEMA
7206-FM*	Stationary Front Mount Shelf 18"D, Wt Cap. 60 lbs.	☑	☑	☑	☐	☑
7206-EIA*	Stationary Shelf 18"D, Wt Cap. 80 lbs.	☑	☑	☑	☐	☑
7206-14	Stationary Shelf 14"D, Wt Cap. 60 lbs.	☑	☐	☑	☐	☑
7206-FR-A18*	Stationary Shelf front & rear mount, adjustable 18"D, Wt Cap. 150 lbs.	☑	☑	☑	☐	☑
7206-FR-AHD	Stationary Shelf front & rear mount, adjustable 22.25"D, Wt Cap. 200 lbs.	☐	☐	☑	☐	☐
7206-SL*	Sliding Shelf 16.343"W x 17.50"D Wt Cap. 40 lbs.	☑	☑	☑	☐	☑
7206-FRSL-AHD	Sliding Shelf front & rear mount sliding, (adj.) 22"D, Wt Cap. 110 lbs.	☑	☑	☑	☑	☐
7219	6 position Power Strip 15 ft. cord for 19" mounting	☑	☑	☑	☑	☑
7219-SR14	Rack mount 14 position (6 front/8 back) Power Strip with surge suppressor	☑	☑	☑	☑	☑
7219-20AR	6 position Power Strip with curcuit breaker (20 amp)	☑	☑	☑	☑	☑
7217WS	Fan Assembly with fan guards and (2) 75 CFM fans	☑	☑	☑	☑	☐
7208WS/WD	Casters, 3 locking and 3 non-locking, 3.625"H	☐	☑	☑	☐	☐
CBB-19	Copper Bus Bar 19" rack mounted (isolated)	☑	☑	☑	☑	☑
GR102	Grounding Kit	☑	☑	☑	☐	☐
DK1	Dust Resistant Kit, 4 cover plates, 4 fan filters and hardware	☐	☐	☑	☐	☐

WALL MOUNT ACCESSORIES

PART NO.	DESCRIPTION	WM	WS	WD	WE	NEMA
DK2*	Dust Resistant Kit, 4 cover plates, 4 fan filters and hardware	☑	❏	❏	❏	❏
FFK1	Four Fan Filters	☑	☑	☑	❏	❏
HDW-104-50	Package of 50 Pan Head Phillips #12-24 x 1/2" screws Type 23, Black	☑	☑	☑	❏	❏
WS-22	66/110 Block Mounting Panel	☑	☑	☑	☑	❏

* Will not fit GL2418WM

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Product specifications are subject to change without prior notice.

Great Lakes Case & Cabinet Co., Inc.
P.O. Box 551 • Edinboro, PA 16412
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Phone: 814.734.7303
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