1. PARTS

REGULAR SHELF
BRACKETS
HARDWARE

OFFSET ANGLE POSTS

1/4" BOLTS ARE USED FOR FASTENING UNITS SIDE BY SIDE AND BACK TO BACK.

1/4" X 5/8" BOLTS ARE USED FOR REINFORCING UNITS FOR INSTALLATION.

2. INSTALL SIDE BRACKETS

SHELF IS USED FOR SPACING BETWEEN THE POSTS.

Place the braces on the inside of the post. Insert 1/4 x 1/2 long bolts from the outside of the posts. Attach nuts and tighten.

NOTE:
Layout posts with angles facing each other. Use a shelf for spacing posts and install braces according to the dimension below.

SIDE BRACE HOLE SPACING TOP TO BOTTOM.

WIDTH | SPACE
-------|------
1/2    | 13'
1/4    | 13'
1/8    | 13'
24"    | 14'
30"    | 14'
36"    | 17'
42"    | 17'
48"    | 17'

BACK BRACE HOLE SPACING TOP TO BOTTOM.

WIDTH | SPACE
-------|------
25"    | 12'
30"    | 14'
36"    | 17'
42"    | 17'
48"    | 17'

Braces attach to the inside of the unit.
NOTE: It may be necessary to install braces a hole or two higher if a shelf in the way of the brace.

3. INSTALL TOP & BOTTOM

INSTALL TOP SHELF

Install the top shelf with one 1/4 - 20 x 1/2 bolt and nut in each corner.

Bolt through the post then through the shelf.

INSTALL BOTTOM SHELF

Install the bottom shelf with one 1/4 - 20 x 1/2 bolt and nut in each corner.

4. INSTALL BACK BRACE

STAND THE UNIT UPRIGHT

Install back braces at the desired height. All bolts and nuts must be tight at this.

Use large handle to tighten all screws for maximum tightness and least wrist fatigue.

5. INSTALL SHELVES

Place a shelf at the desired height and fasten in place with four bolts and nuts.

FOR FASTENING UNITS TOGETHER, USE 1" BOLTS AND NUTS.

PLACE A BOLT IN THE FIRST HOLE BELOW THE TOP SHELF AND THE FIRST HOLE ABOVE THE BOTTOM SHELF. ADD NUTS AND TIGHTEN SECURELY.

Braces in common can be used when joining multiple units.
CLOSED SHELVING
INDUSTRIAL AND UTILITY
ASSEMBLY INSTRUCTIONS

1. PARTS

- REGULAR SHELF
- 2-BACKS
- 2-SIDES
- 1 1/4" EDGE
- FRONT
- HARDWARE PACKAGE
- SIDE
- OFFSET ANGLE POST

ASSEMBLY HARDWARE

- 1/4" x 1" bolts and nuts are used for fastening units side by side and back to back. Four are provided for each unit.

- 1/4" x 1/2" bolts and nuts for attaching shelves, sides, backs. Four are provided for each shelf.

OPTIONAL PARTS

- POST COVERS

2. MARK OFFSET POSTS

- Layout the posts with the angles facing each other.
- Determine the shelf spacing desired.
- Nest the angles and mark all shelf holes with chalk at the same time.
- Mark edges on both sides.

- Consider the base that goes at the bottom of the unit when laying out the shelf spacing.

3. INSERT BOLTS

- Insert bolts on marked centers.
- Insert only two bolts per shelf at this.

- Insert bolts from the bottom.

4. INSTALL BACKS

- Place the backs between the angles with the bolts through the holes in the back.
- Overlap 3 inches in the center and be flush with the post ends at top and tighten nuts finger.

5. INSTALL SHELVING

- Tighten nuts.

- Shelf bolts are installed from the back and through the post and back and tighten nuts finger tight.
6. INSTALL FRONT OFFSET POST

7. INSTALL SIDES

Attach side panel to posts using inner most hole pattern (hole pattern not being used by shelves). The top half of the side will overlap the bottom half of the side 3 inches.

Use 1/2" bolts with nuts to attach the post and the side.

8. JOIN MULTIPLE UNITS BACK TO BACK

Units are shown without dividers for simplicity.

NOTE: COMMON SIDES CAN BE USED WITH MULTIPLE UNITS.

9. JOIN MULTIPLE UNITS SIDE TO SIDE

Tie in top and bottom of all post with 1" bolts with nuts.

On units above 87" high, tie in the top, bottom and middle in the same way.

NOTE: COMMON SIDES CAN BE USED WITH MULTIPLE UNITS.

10. ACCESSORIES

POST COVERS

HALF DIVIDER
FULL DIVIDER
BOX GUIDE
BIN FRONT
SLIDING DIVIDER
SANITARY BASE

CORNER TYPE

INTERMEDIATE TYPE

BOLTS FOUR PLACES USE 1" BOLTS.

REINFORCING BAR

5/8" BOLT

1/2" BOLTS