Vertical
Bike Locker

The Dero Vertical Locker unites the space-saving advantages of our Ultra Space Saver parking system with the additional protection of fully-enclosed bike storage. With its unique trapezoidal footprint, the Vertical Locker can be arranged in single or double rows or arcing configurations.

Patent pending

Vertical Bike Locker

DERO
A PLAYCORE Company

- Includes Ultra Space Saver Single bike hanger

- Key option or u-lock/padlock bracket

- Leveling feet

- Modular design

- Door closer and gear hook included

- Panels and door are galvanized under powder coat

Arranged in an arc

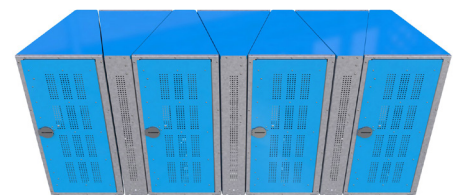Arranged in a double-sided row

FINISH OPTIONS

Galvanized

Powder Coat

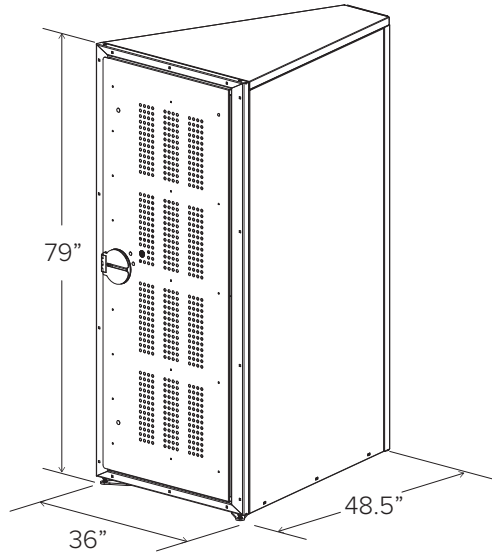|			
White	Black	Light Gray RAL 7042	Deep Red RAL 3003
Orange RAL 2004	Beige RAL 1001	Iron Gray RAL 7011	Hunter Green RAL 6005
Light Green RAL 6018	Green RAL 6016	Blue RAL 5005	Sky Blue RAL 5015
Sepia Brown RAL 8014	Dark Purple	Wine Red RAL 3005	Bronze

79"

48.5"

36"

|	
CAPACITY	1 Bike
MATERIALS	**Frame:** 1.5" x 14g square tube **Sides:** 18g plate **Doors:** 16g plate **Top:** 18g plate
FINISHES	**Locker Frame:** Galvanized **Panels and Doors:** Powder coat over G90 electro plated steel
LOAD DATA	40 psf snow, 90 mph wind exposure B, high seismic when installed on concrete
SETBACKS	Allow a 60" clearance from door face.
STANDARD	• Leveling feet • Ventilating window on doors • Graffiti resistant • UV resistant • Numbered plates • Gear hook • Door closer
LOCKING SYSTEM	☐ **Keyed Lock Only** ☐ **Padlock/U-Lock Handle**

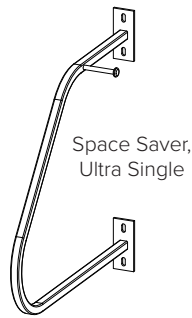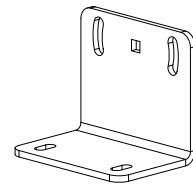Allow 60" clearance from door face.

60"
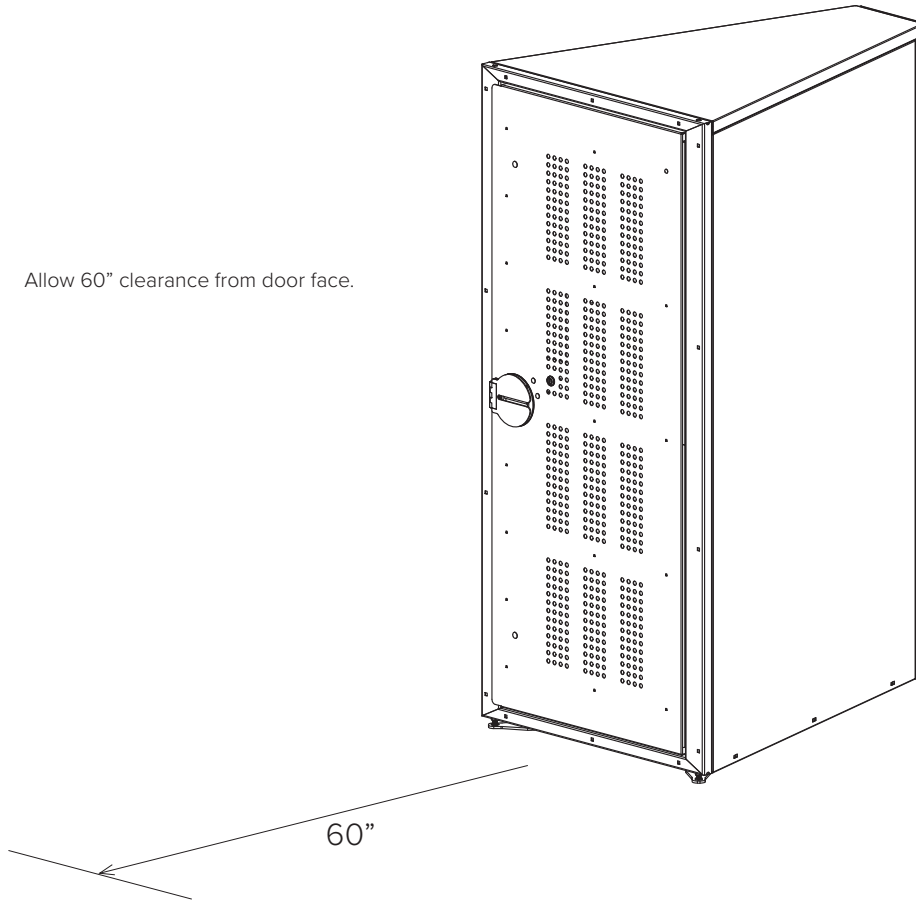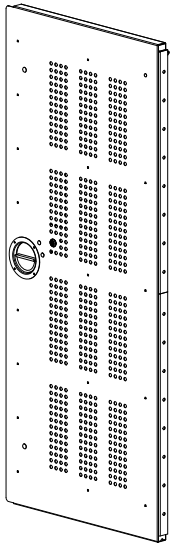
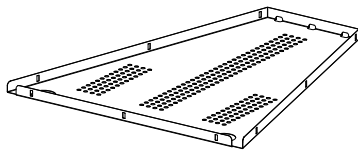Door Assembly
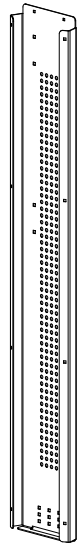
Backbone
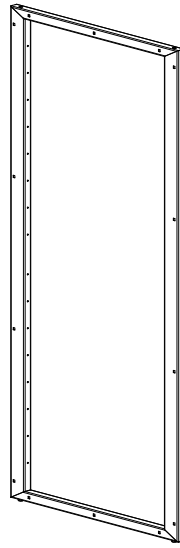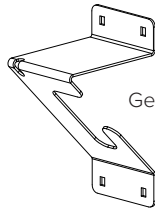
Door Frame
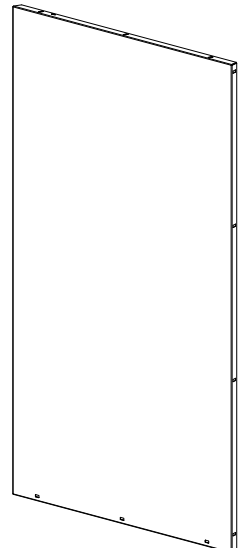
Frame Panel
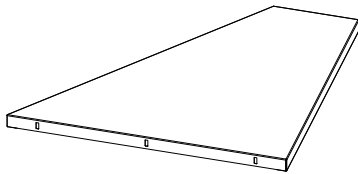
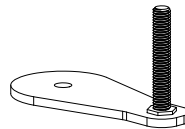Roof

Space Saver,
Ultra Single
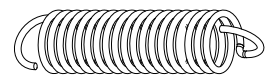
Rear Leveling Foot

Floor

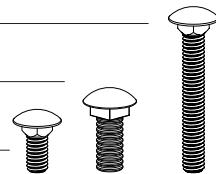Gear Hook

Leveling Foot

Door Spring

Carriage Bolt .3125 x 2.25

Carriage Bolt .375 x 1.00

Carriage Bolt .3125 x .75

Carriage Bolt 10 x .50

Self Drilling Screw 12-14 X .75

Lock Nut .3125

Lock Nut .375

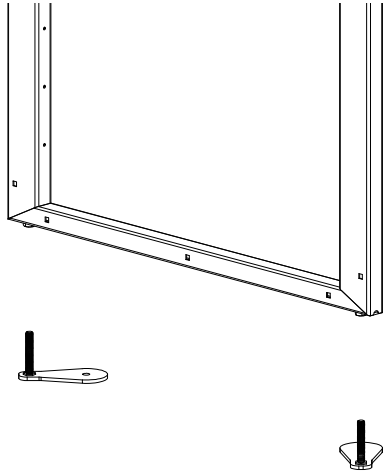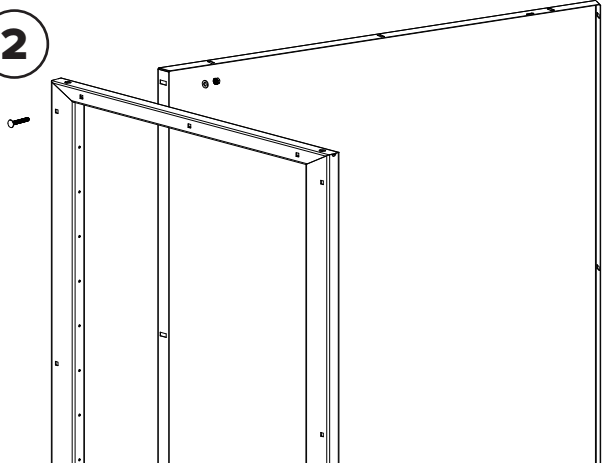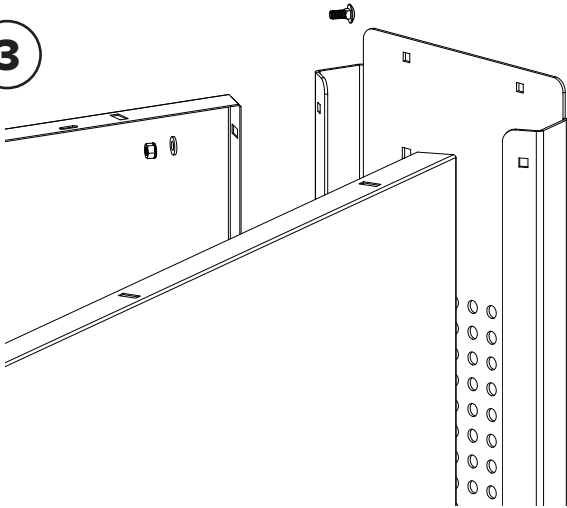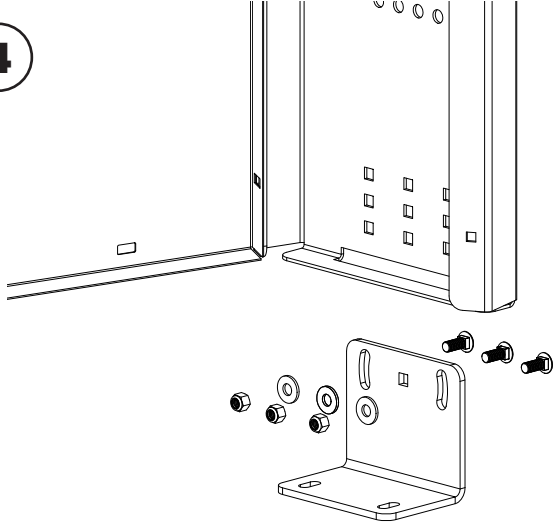Lock Nut 10

Washer .3125

Washer .375

TOOLS NEEDED

Hammer
Bubble level
Tape measure
3/8", 7/16", 1/2", 9/16" wrenches
Power drill
#3 Philips screw driver bit

Socket wrench
3/8", 7/16", 1/2", 9/16" sockets
Needle-nose pliers
Hammer drill with 3/8"
masonry bit

RECOMMENDED BASE MATERIAL

Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your rack, ask your Dero representative which anchor is appropriate for your application. Be sure nothing is underneath the base material that could be damaged by drilling.

Notify Dero sales department of any ground slope.

1 Thread the (2) leveling feet into the door frame.

2 Attach (1) frame panel to the door frame with (4) 5/16" x 2.25" carriage bolts, washers, and locknuts. Next add the other frame panel. Leave lock nuts finger-tight.

3 Attach (1) backbone to the frame panels with (8) 5/16" x .75" carriage bolts, washers, and locknuts. Leave lock nuts finger-tight.

4 Attach the rear leveling foot to the backbone with (3) 3/8" x 1.00" carriage bolts, washers, and locknuts. Typically, the top set of holes are used.

5
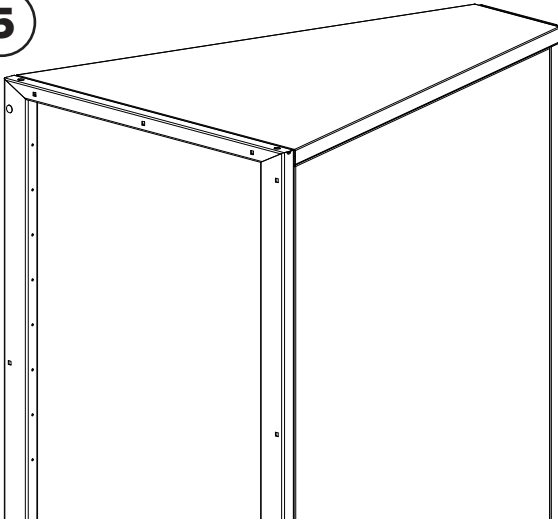
Attach the roof panel to the side panels with (6) 5/16" x .75" carriage bolts, washers, and locknuts. Attach the roof panel to the door frame with (3) 5/16" x 2.25" carriage bolts, washers, and locknuts and the backbone with (2) 5/16" x .75" carriage bolts, washers, and locknuts. Leave locknuts finger-tight.
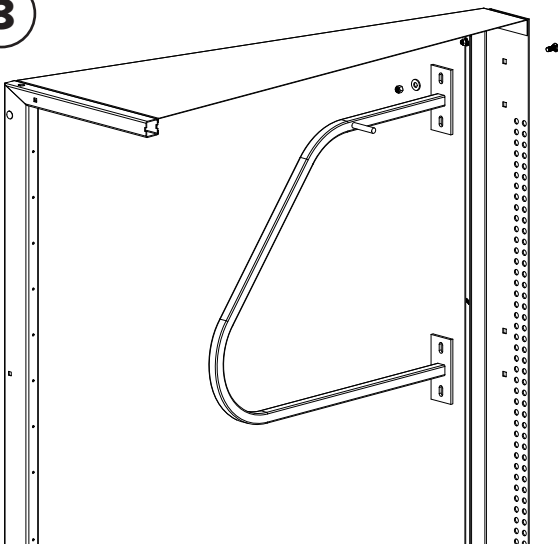
6
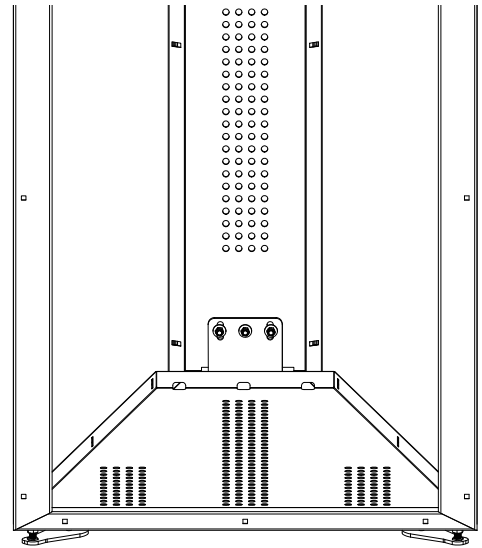
Attach the floor panel to the side panels with (6) 5/16" x .75" carriage bolts, washers, and locknuts. Attach the floor panel to the door frame with (3) 5/16" x 2.25" carriage bolts, washers, and locknuts. Leave lock nuts finger-tight.
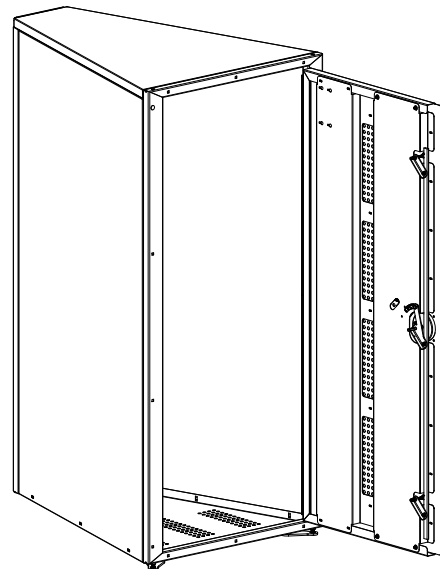
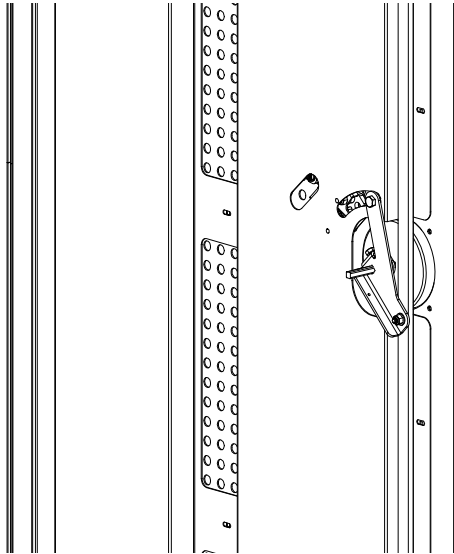**7**   Tighten all locknuts.

8

Attach the bike rack to the backbone with (4) 3/8" x 1.00" carriage bolts, washers, and locknuts.

9

Attach the door assembly with (16) #12 x 3/4" self-drilling screws. Pilot holes are present but may be partially filled with zinc.
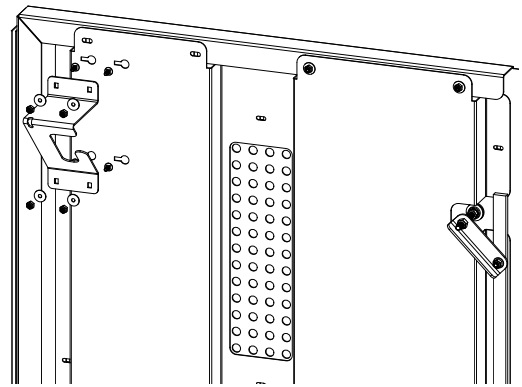
10

The gap between the door and latch bar may need to be adjusted to properly engage the door frame. This can be done via the 1/4" bolt that tightens against the handle spindle and the 5/16" nuts at the other pivot points.
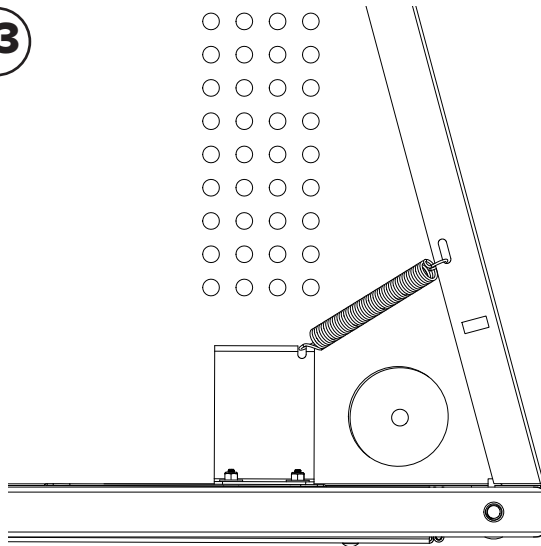
11 If any twist needs to be taken out of the door, loosen the #10 locknuts, set the door, and re-tighten.

12

Attach the gear hook to the door back with (4) #10 x .50" carriage bolts, washers, and locknuts.

13

To install the door closer, attach the spring to the gear hook and to the side panel. A needle-nose pliers is helpful.

14 Move the locker into the desired location, level it with the leveling feet, and secure it to the ground with (4) anchors. The front leveling feet anchor holes should line up with the large holes in the locker floor.