



DERO
A PLAYCORE Company



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



- 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



FINISH OPTIONS

Galvanized

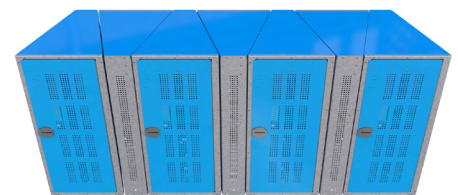


Powder Coat

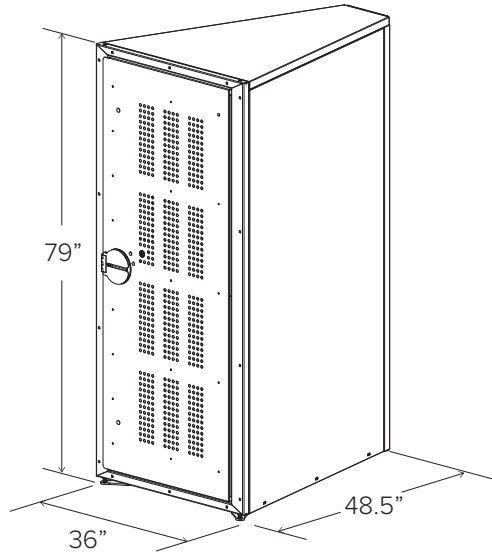
 White	 Black	 Light Gray RAL 7042	 Deep Red RAL 3003
 Orange RAL 2004	 Beige RAL 1001	 Iron Gray RAL 7011	 Hunter Green RAL 6005
 Light Green RAL 6018	 Green RAL 6016	 Blue RAL 5005	 Sky Blue RAL 5015
 Sepia Brown RAL 8014	 Dark Purple	 Wine Red RAL 3005	 Bronze



Arranged in an arc



Arranged in a double-sided row



CAPACITY 1 Bike

MATERIALS Frame: 1.5" x 14g square tube
 Sides: 18g plate
 Doors: 16g plate
 Top: 18g plate

FINISHES

Galvanized
 An after fabrication hot dipped galvanized finish is our standard option on frame components. Pre-fabrication galvanizing is standard on panel components.

Powder Coat
 Our powder coat finish assures a high level of adhesion and durability by following these steps:
 1. Sandblast
 2. Epoxy primer electrostatically applied
 3. Final thick TGIC polyester powder coat

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

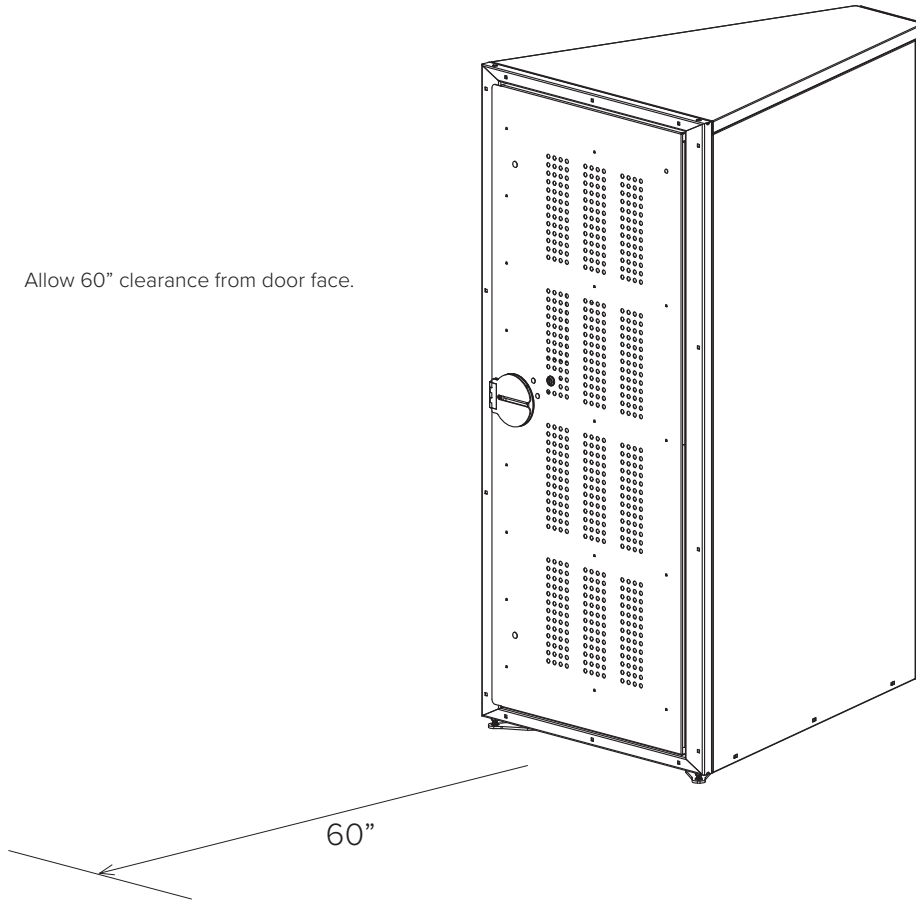
- Leveling feet
- Ventilating window on doors
- Graffiti resistant
- UV resistant
- Numbered plates
- Gear hook
- Door closer

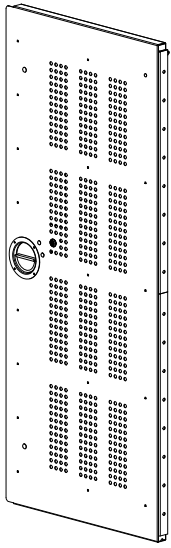
LOCKING SYSTEM

Keyed Lock Only

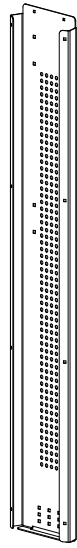
Padlock/U-Lock Handle

Allow 60" clearance from door face.

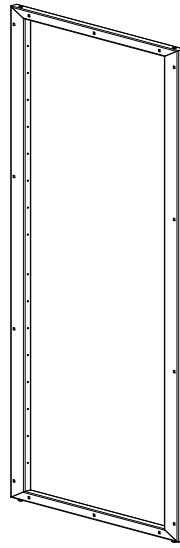




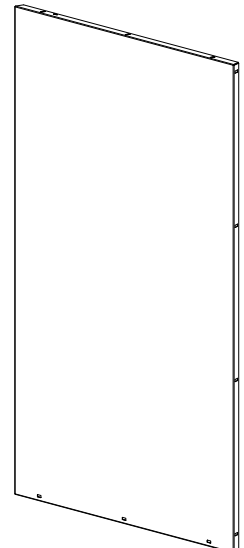
Door Assembly



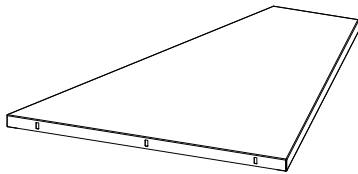
Backbone



Door Frame



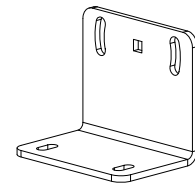
Frame Panel



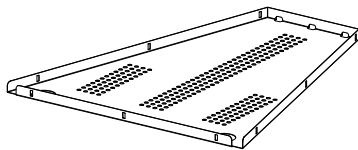
Roof



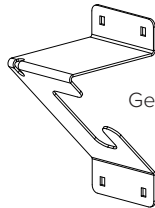
Space Saver,
Ultra Single



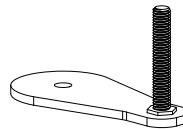
Rear Leveling Foot



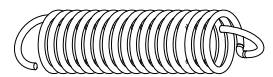
Floor



Gear Hook



Leveling Foot

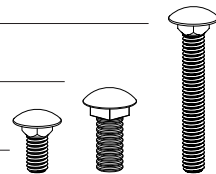


Door Spring

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



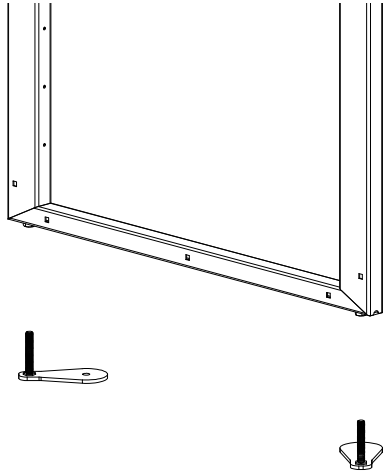
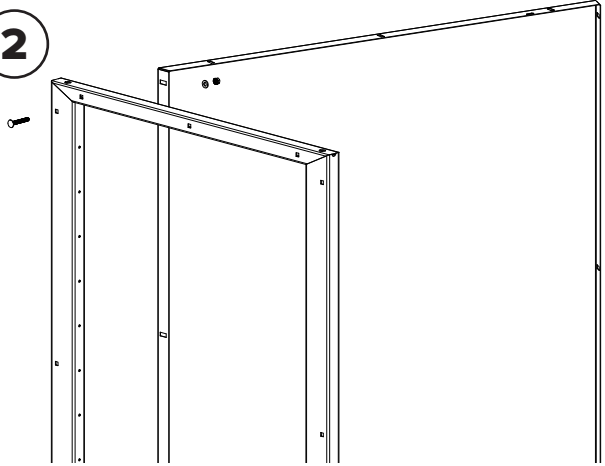
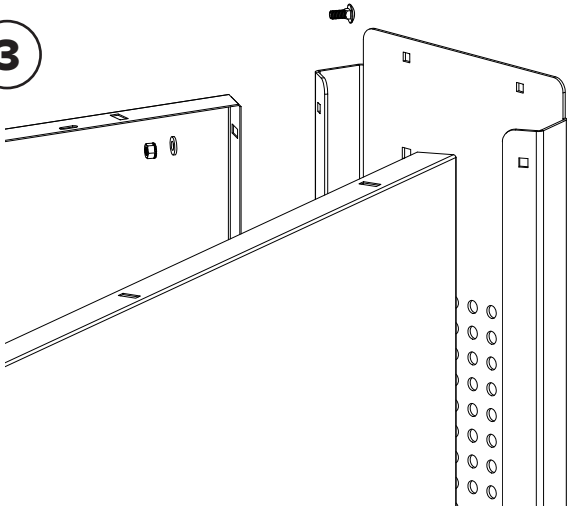
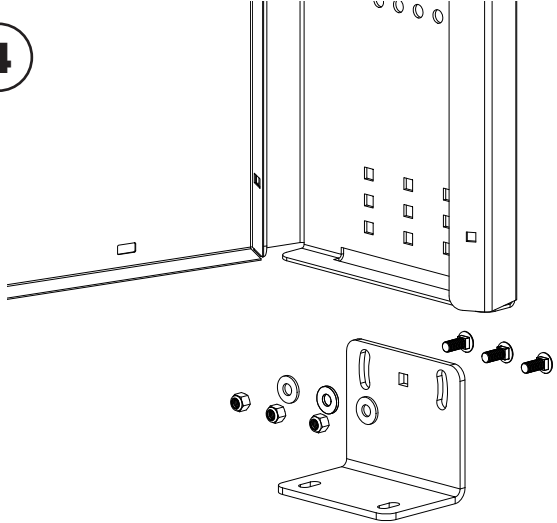
TOOLS NEEDED

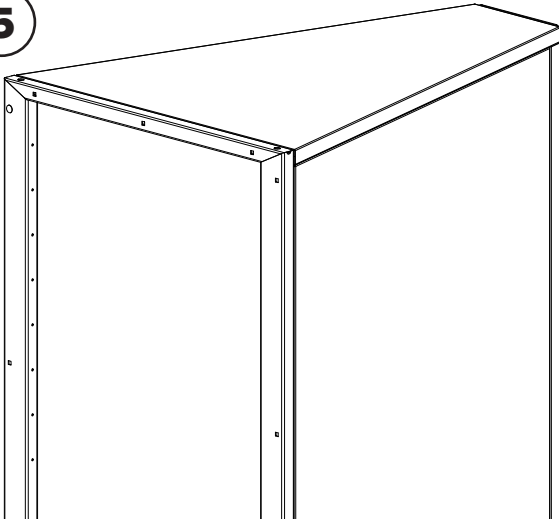
Hammer	Socket wrench
Bubble level	3/8", 7/16", 1/2", 9/16" sockets
Tape measure	Needle-nose pliers
3/8", 7/16", 1/2", 9/16" wrenches	Hammer drill with 3/8" masonry bit
Power drill	
#3 Philips screw driver bit	

RECOMMENDED BASE MATERIAL

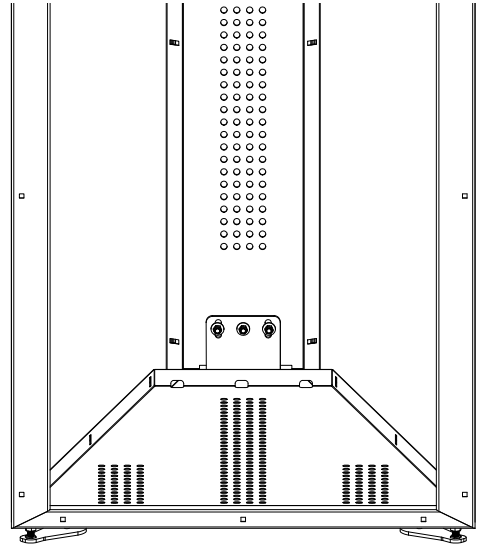
Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your rack, ask your Dero representative which anchor is appropriate for your application. Be sure nothing is underneath the base material that could be damaged by drilling.

Notify Dero sales department of any ground slope.

<div data-bbox="133 600 204 667" style="text-align: center;">1</div>  <p>Thread the (2) leveling feet into the door frame.</p>	<div data-bbox="847 600 919 667" style="text-align: center;">2</div>  <p>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.</p>
<div data-bbox="133 1287 204 1354" style="text-align: center;">3</div>  <p>Attach (1) backbone to the frame panels with (8) 5/16" x .75" carriage bolts, washers, and locknuts. Leave lock nuts finger-tight.</p>	<div data-bbox="847 1287 919 1354" style="text-align: center;">4</div>  <p>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.</p>

5


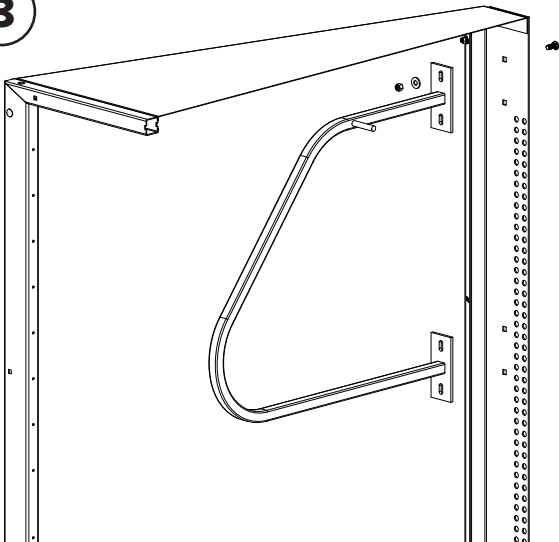
Attach the roof panel to the side panels with (6) 5/16" x .75" carriage bolts, washers, and locknuts. Attach the roof panel to the door frame with (3) 5/16" x 2.25" carriage bolts, washers, and locknuts and the backbone with (2) 5/16" x .75" carriage bolts, washers, and locknuts. Leave locknuts finger-tight.

6


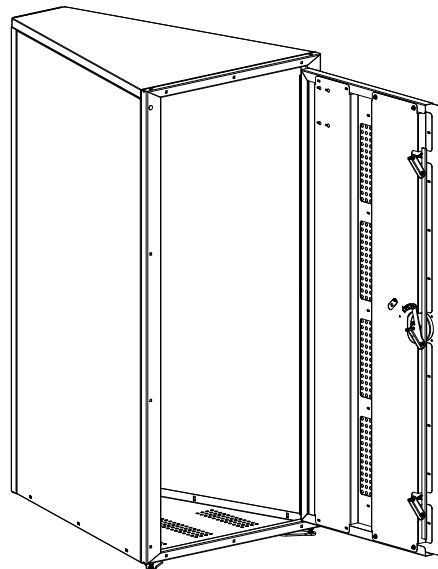
Attach the floor panel to the side panels with (6) 5/16" x .75" carriage bolts, washers, and locknuts. Attach the floor panel to the door frame with (3) 5/16" x 2.25" carriage bolts, washers, and locknuts. Leave lock nuts finger-tight.

7

Tighten all locknuts.

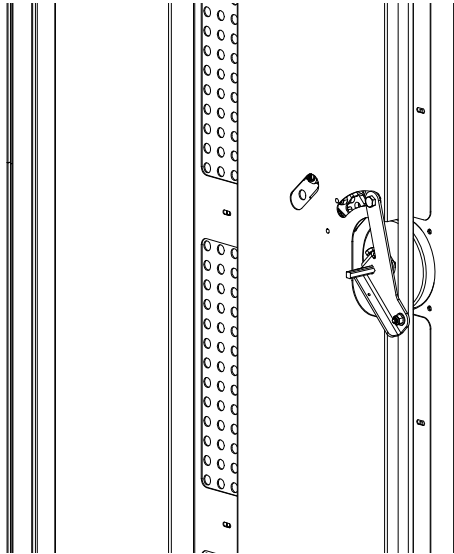
8


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

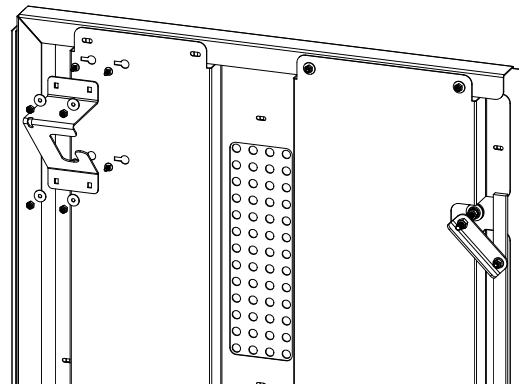


The gap between the door and latch bar may need to be adjusted to properly engage the door frame. This can be done via the 1/4" bolt that tightens against the handle spindle and the 5/16" nuts at the other pivot points.

11

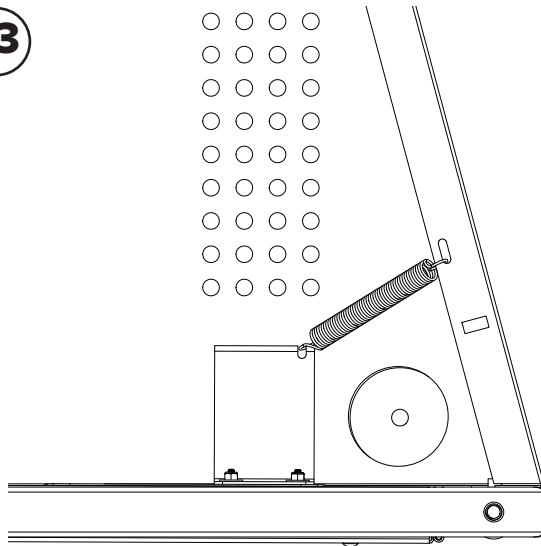
If any twist needs to be taken out of the door, loosen the #10 locknuts, set the door, and re-tighten.

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.