Heavy-Duty Public Bike Pump

The Air Kit 3 is designed for heavy-duty, repeated public use. The waterproof gauge and burly construction mean that this pump will continue to work long after others have failed.

Minimal maintenance is required.

*Patent US9,765,766 B2*
AIR KIT 3

- Anti-fog PSI gauge
- Durable rubber hand grips
- Pump head accepts schrader and presta valves
- Magnetic head snaps to pump body
- Gasket rating -30° to 110° F
- Reinforced air hose

FINISH OPTIONS

<table>
<thead>
<tr>
<th>Powder Coat</th>
<th>Thermoplastic</th>
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<tbody>
<tr>
<td>White</td>
<td>Black</td>
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<tr>
<td>Light Gray RAL 7042</td>
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<tr>
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<tr>
<td>Wine Red RAL 3005</td>
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**AIR KIT 3**

**Submittal Sheet**

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**MATERIALS**
- Main Body: 6” tube
- Top: 1/4” polycarbonate
- Manual air pump: Dero made, max 160psi
- Foot: ¼” steel

**FINISHES**
- **Galvanized**
  - An after fabrication hot dipped galvanized finish is our standard option.

- **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

- **Thermoplastic**
  - In addition to an increased thickness (8-10mils), the thermoplastic finish covers a galvanized layer and offers superior impact resistance over powder coating.

**MOUNT OPTIONS**
- **Surface**
  - Surface Mount has 10” diameter x .25” flange with four anchoring holes for mounting with standard wedge anchors.

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An optional Pump Stop is also available to hold bikes with no kick stands.

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AIR KIT 3
Setbacks

The Air Kit 3 should be installed at least 36” away from any obstructions.
**AIR KIT 3**

**Installation Instructions – Surface Mount**

**TOOLS NEEDED**

- Marker or Pencil
- Masonry Drill Bit 3/8”
- Drill (Hammer drill recommended)
- Hammer
- Wrench 9/16”
- Level

**RECOMMENDED BASE MATERIAL**

Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your Air Kit, 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.

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1. Place the Air Kit 3 in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material.
2. Drill 3/8” diameter holes 3” deep into surface. Make sure the holes are at least 3” away from any cracks in the base material.
3. Use washers to level pump if necessary.
4. Thread nuts onto anchors, leaving approximately 1/4” of the anchor protruding, and tap into surface. Place the 2 provided tamper-proof penta nuts on opposite sides. Tighten nuts down to secure pump.

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Be sure to save your tamper-resistant tools for any future maintenance. They are costly to replace.
AIR KIT 3
Maintenance and Repair Instructions

Note: All threads for all parts of the pump are right-hand threads. They tighten clockwise, and loosen counter-clockwise (“righty tighty, lefty loosey”). However, when you are looking top-town at a bolt that threads from underneath, if you move it counter-clockwise from your point of view, you are actually tightening, not loosening, the nut! This has led to some unnecessary breakage of pump parts. Be sure you are looking at the nut with the proper orientation before tightening or loosening.

AIR KIT 3 MAINTENANCE

1. Remove tamper-resistant screws and lift polycarbonate top and metal gauge plate.
2. Remove thumb-screw, lock washer and spacer
3. Plunger assembly may now be pulled out. To replace gaskets, pry old gaskets off and clean piston. Apply new silicone grease and install new gaskets. Apply more silicone grease to new gaskets. Re-assemble and wipe off excess grease when done.

CHANGING THE PUMPHEAD

Remove the black heat-shrink covering the base of the pumphead. Unscrew the pumphead from the brass fitting (turning counter-clockwise). You will need to keep the brass fitting for the new pumphead. Replace the pumphead.

If you will be replacing the heat-shrink, then put the heat-shrink sleeve over the hose before replacing pumphead. Once pumphead is on, pull heat-shrink sleeve over the brass fitting and use a heatgun to shrink it.