### Lift mechanism set

- Lift mechanism (qty 2)
- #7 x 35 mm (1-3/8") wood screw (qty 8)

<table>
<thead>
<tr>
<th>Power factor</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>85 — 230 (1 lift mechanism req.)</td>
<td>20F2200.N5</td>
</tr>
<tr>
<td>231 — 470</td>
<td>20F2200.N5</td>
</tr>
<tr>
<td>471 — 880</td>
<td>20F2500.N5</td>
</tr>
<tr>
<td>780 — 1440</td>
<td>20F2800.N5</td>
</tr>
<tr>
<td>1401 — 2300 (3 lift mechanisms req.)</td>
<td>20F2800.N5</td>
</tr>
</tbody>
</table>

### Cover set

- Right and left cover plate
- Non-handed cover cap (qty 2)

<table>
<thead>
<tr>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cover set 20F8000.NA</td>
</tr>
</tbody>
</table>

### Telescopic arm set

- Telescopic arm (qty 2)

<table>
<thead>
<tr>
<th>Cabinet heights</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>479 (18-7/8&quot;) — 558 (22&quot;)</td>
<td>20F3200.01</td>
</tr>
<tr>
<td>558 (22&quot;) — 686 (27&quot;)</td>
<td>20F3500.01</td>
</tr>
<tr>
<td>686 (27&quot;) — 889 (35&quot;)</td>
<td>20F3800.01</td>
</tr>
<tr>
<td>889 (35&quot;) — 1067 (42&quot;)</td>
<td>20F3900.01</td>
</tr>
</tbody>
</table>

### Narrow aluminum door hardware set

- 72T550A.TL — CLIP top free swing narrow alum. top door hinge (qty 2)
- 78Z550AT — CLIP top narrow aluminum bottom door hinge (qty 2)
- 175H3100 — Top door mounting plate (qty 2)
- 175H5A00 — Bottom door mounting plate (qty 2)
- 175H5B00 — Telescopic arm mounting plate (qty 2)
- 669.110 — Aluminum screw for the bottom door mounting plate, bottom hinge, top hinge and telescopic arm mounting plate (qty 18)

**NOTE:** Three hinges and mounting plates are required for cabinet widths over 1219 (48") or combined door weight of 26.5 lb

<table>
<thead>
<tr>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Narrow aluminum door hardware set 78Z550ATA6</td>
</tr>
<tr>
<td>Installation screw for top mounting plate 606N or 606P</td>
</tr>
</tbody>
</table>
**WARNING**

Risk of injury from spring-loaded arm

- Do not push arm assembly down or leave in the down position
- Remove mechanism before installing or removing cabinet

---

**Locating pin locations**

1. Top door height ($TDH$) = Top door ht.
2. Top reveal ($TR$) = Top reveal

<table>
<thead>
<tr>
<th>Top door height ($TDH$)</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>231 to 271</td>
<td>$TDH \times .6 - 28 + TR$</td>
</tr>
<tr>
<td>272 to 531</td>
<td>$TDH \times .6 - 57 + TR$</td>
</tr>
</tbody>
</table>

---

Universal individual template is available for pre-boring 5 mm locating pins

Part no. 65.1051.02
2 Attach the lift mechanism

Align the lift mechanism in the cabinet using the 5 mm locator pins and attach the mechanism with the four wood screws provided.

3 Attach the telescopic arms

WARNING: Risk of injury from spring loaded arm.

Attach telescopic arms by clipping them on in the fully upright position.
4 Top door hinge planning

Part no.
Aluminum door hinge
72T550A
In-line mounting plate
175H3100

5 Bottom door hinge planning

Part no.
Aluminum door bottom hinge
78Z550AT
Bottom door mounting plate
175H5A00
Frame preparation

Bottom door planning

Top door height (TDH) | X
---|---
231 to 271 | TDH \times 0.5 + 70
272 to 531 | TDH \times 0.5 + 47

**NOTE:** 3 hinges are required for cabinet width over 1219 mm (48") or 26.5 lb. combined door weight

Part no. 175H5B00

Telescopic arm mounting plate
8 Attach the top door to the cabinet

Determine the locations of mounting plates and hinges and attach the hardware to cabinet doors. Attach top door to the cabinet.

9 Attach the bottom door

Attach bottom door to the top door and attach the telescopic arms.
10 Finalize the tension adjustments

Close and flush doors to cabinet. Open and close door to test closing force. Open door and adjust tension screws on both lift mechanisms with a power drill. Test door again and repeat until desired function is achieved.

Tension adjustment should be the same on both lift mechanisms.

11 Finalizing the door adjustments

1. Adjust each top door hinge and mounting plate to properly align the top door to the cabinet.

2. Adjust each bottom door hinge and mounting plate to properly align doors to the cabinet and to the top door.

NOTE: Although not illustrated here, telescopic arm mounting plates can also be adjusted horizontally ± 2 mm if needed.
### 12 Adjust and lock telescopic arms

1. Close and flush doors to cabinet. While pressing on the bottom of the top door, pull the bottom door open one inch.

2. Slightly open door and lock the telescopic arms into position using the levers as shown.

### 13 Attach cover caps

Attach the left and right cover plates to each lift mechanism then attach the symmetrical cover caps.
**WARNING**

Risk of injury from spring-loaded arm
- Do not push arm assembly down or leave in the down position
- Remove mechanism before installing or removing cabinet

1 Removing the covers

2 Removing the door

Release both arms and gently rest the top door on the loose arms. The tension will hold the doors up for the next step.
3 Removing the doors

1. Hold the bottom door while unclipping the bottom hinge.

2. Hold the top door while detaching the top hinges. Simply unclip them if using the CLIP top hinges or unscrew them if using COMPACT.

4 Removing the telescopic arms

Using a screwdriver, depress the release tabs to remove telescopic arms.

If transporting the cabinet to the jobsite, stop here. Lift mechanisms can stay inside the cabinet for easy transport.
### Door clearance above cabinet

\[
Z = TDH \times 0.44 + 38
\]

<table>
<thead>
<tr>
<th>Inch</th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/32</td>
<td>0.031</td>
</tr>
<tr>
<td>1/16</td>
<td>0.063</td>
</tr>
<tr>
<td>3/32</td>
<td>0.094</td>
</tr>
<tr>
<td>1/8</td>
<td>0.125</td>
</tr>
<tr>
<td>5/32</td>
<td>0.156</td>
</tr>
<tr>
<td>3/16</td>
<td>0.188</td>
</tr>
<tr>
<td>7/32</td>
<td>0.219</td>
</tr>
<tr>
<td>1/4</td>
<td>0.25</td>
</tr>
<tr>
<td>9/32</td>
<td>0.281</td>
</tr>
<tr>
<td>5/16</td>
<td>0.313</td>
</tr>
<tr>
<td>11/32</td>
<td>0.344</td>
</tr>
<tr>
<td>3/8</td>
<td>0.375</td>
</tr>
<tr>
<td>13/32</td>
<td>0.406</td>
</tr>
<tr>
<td>7/16</td>
<td>0.438</td>
</tr>
<tr>
<td>15/32</td>
<td>0.469</td>
</tr>
<tr>
<td>1/2</td>
<td>0.5</td>
</tr>
<tr>
<td>17/32</td>
<td>0.531</td>
</tr>
<tr>
<td>9/16</td>
<td>0.563</td>
</tr>
<tr>
<td>19/32</td>
<td>0.594</td>
</tr>
<tr>
<td>5/8</td>
<td>0.625</td>
</tr>
<tr>
<td>21/32</td>
<td>0.656</td>
</tr>
<tr>
<td>11/16</td>
<td>0.688</td>
</tr>
<tr>
<td>23/32</td>
<td>0.719</td>
</tr>
<tr>
<td>3/4</td>
<td>0.75</td>
</tr>
<tr>
<td>25/32</td>
<td>0.781</td>
</tr>
<tr>
<td>13/16</td>
<td>0.813</td>
</tr>
<tr>
<td>27/32</td>
<td>0.844</td>
</tr>
<tr>
<td>7/8</td>
<td>0.875</td>
</tr>
<tr>
<td>29/32</td>
<td>0.906</td>
</tr>
<tr>
<td>15/16</td>
<td>0.938</td>
</tr>
<tr>
<td>31/32</td>
<td>0.969</td>
</tr>
<tr>
<td>1</td>
<td>25.4</td>
</tr>
</tbody>
</table>

Blum, Inc.
800-438-6788
sales.us@blum.com
blum.com

Subject to technical modifications without notice. © 2018

INST-AVT03-04.15