10" Star Anti-Entrapment Suction Outlet Cover with Universal Adapter Frame Installation Instructions

for up to 10" round retrofits or new construction, >>> no additional sump required <<<

READ AND FOLLOW ALL ACCOMPANYING GENERAL INSTALLATION INSTRUCTIONS

Model # A10RCFRxxx

Single – >>> Sumpless <<<

Floor: 170 GPM at 1.7 fps
Wall: 170 GPM at 1.7 fps
Floor/Wall: 147.3 GPM at 1.5 fps
31.5 square inch opening

KIT INCLUDES:
1. 10" universal adapter frame
2. 10" round suction outlet cover
3. 10-32 x 5/8" lg. Flat head phillips, 316 ss
4. Adjustable slide, long
5. Adjustable slide, short
6. 10" round mud frame
7. 3/8" bushing
8. 1/4" bushing
9. 1/4" concrete anchor
10. 10-32 x 5/16" lg. Pan head phillips, 316 ss
11. #10 x 1" lg. Pan head phillips, 316 ss
12. 8-32 x 3/4" lg. Pan head phillips, 316 ss
13. 10-24 x 7/8" lg. Pan head phillips, 316 ss
14. #8 x 1" lg. Pan head phillips, 316 ss
15. #10 x 3/4" Pan head phillips, 316 ss
16. #8 x 3/4" lg. Pan head phillips, 316 ss

*Not all screws & hardware used for all installations. See installation instructions.

<table>
<thead>
<tr>
<th>HOLE</th>
<th>APPLICATION</th>
<th>SCREW</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>MOUNTS DRAIN COVER TO ACCOMPANYING AQUASTAR 10&quot; UNIVERSAL ADAPTER FRAME</td>
<td>10-32 X 5/8&quot; FLAT HEAD PHILLIPS, 316 SS</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>MOUNTS 10&quot; UNIVERSAL ADAPTER FRAME TO ACCOMPANYING 10&quot; ROUND AQUASTAR MUD FRAME</td>
<td>#10 X 1&quot; PAN HEAD PHILLIPS, 316 SS</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>MOUNTS 10&quot; UNIVERSAL ADAPTER FRAME TO 8&quot; ROUND AQUASTAR MUD FRAME</td>
<td>#10 X 1&quot; PAN HEAD PHILLIPS, 316 SS</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>MOUNTS 10&quot; UNIVERSAL ADAPTER FRAME TO 8&quot; SUPER LOW PROFILE ROUND AQUASTAR FRAME</td>
<td>#10 X 3/4&quot; PAN HEAD PHILLIPS, 316 SS</td>
<td>2</td>
</tr>
<tr>
<td>E</td>
<td>MOUNTS 10&quot; UNIVERSAL ADAPTER FRAME TO WATERWAY 10&quot; ROUND FRAME</td>
<td>8-32 X 3/4&quot; PAN HEAD PHILLIPS, 316 SS</td>
<td>2</td>
</tr>
<tr>
<td>F</td>
<td>PLASTER INSTALL (WITH ANCHORS) OR MOUNTS 10&quot; UNIVERSAL ADAPTER FRAME TO PARAMOUNT SDX FRAME</td>
<td>#10 X 1&quot; PAN HEAD PHILLIPS, 316 SS</td>
<td>3</td>
</tr>
<tr>
<td>G</td>
<td>SLIDER RETENTION FOR UNIVERSAL RETROFUNITS</td>
<td>10-32 X 5/16&quot; PAN HEAD PHILLIPS, 316 SS</td>
<td>2</td>
</tr>
</tbody>
</table>
1) NEW CONSTRUCTION INSTALLATION
HOLE "A"

- 10" universal adapter frame
- 10" round suction outlet cover
- 10-32 x 5/8" flat head phillips, 316 ss
- #10 x 3/4" pan head phillips, 316 ss
- 10" Round Mud Frame

2) EXISTING AQUASTAR 10" ROUND FRAME INSTALLATION
HOLE "B"

- 10" universal adapter frame
- 10" round suction outlet cover
- 10-32 x 5/8" flat head phillips, 316 ss
- #10 x 1" pan head phillips, 316 ss
- 3/8" bushing

3) EXISTING AQUASTAR 8" ROUND FRAME INSTALLATION
HOLE "C"

- 10" universal adapter frame
- 10" round suction outlet cover
- 10-32 x 5/8" flat head phillips, 316 ss
- #10 x 1" pan head phillips, 316 ss
- 3/8" bushing

4) EXISTING AQUASTAR 8" ROUND SUPER LOW PROFILE FRAME INSTALLATION
HOLE "D"

- 10" universal adapter frame
- 10-32 x 5/8" flat head phillips, 316 ss
- 10" round suction outlet cover
- 8" super low profile round frame
- #10 x 3/4" pan head phillips, 316 ss

5) EXISTING WATERWAY 10" ROUND FRAME INSTALLATION
HOLE "E"

- 10" universal adapter frame
- 10" round suction outlet cover
- 10-32 x 5/8" flat head phillips, 316 ss
- #10 x 1" pan head phillips, 316 ss
- 3/8" bushing

6) INSTALLATION DIRECTLY INTO POOL FINISH
HOLE "F"

- 10" universal adapter frame
- 10" round suction outlet cover
- 10-32 x 5/8" flat head phillips, 316 ss
- #10 x 3/4" pan head phillips, 316 ss

7) EXISTING PARAMOUNT SDX FRAME INSTALLATION
HOLE "G"

- 10" universal adapter frame
- 10" round suction outlet cover
- 10-32 x 5/8" flat head phillips, 316 ss
- #10 x 1" pan head phillips, 316 ss
- 10" Round Mud Frame

8) 5 1/2" - 10" ROUND UNIVERSAL INSTALLATION W/ LONG OR SHORT SLIDERS
HOLE "H"

- 10" universal adapter frame
- 10" round suction outlet cover
- 10-32 x 5/8" flat head phillips, 316 ss
- #10 x 3/4" pan head phillips, 316 ss
- 10" Round Mud Frame

Note: Use 1/4" masonry drill bit. Optional: BIK4 "Brass Anchor Kit"