

New Suction Outlet Cover Guidelines

INSTALLERS SUBMITTING SUCTION OUTLET COVER REPLACEMENTS ON THE ONLINE PORTAL

Due to the new ANSI/APSP/ICC-16 (2017) Standard that went into effect on May 24, 2021, we will need additional documentation to accept your suction outlet cover replacement submittal on the online portal.

What you need to do prior to changing the expired suction outlet cover:

- Pull up the Final Pool Data Form to find information on suction outlet covers, sump depths, and pipe size for the pool or spa you need to replace drain covers. You can find Final Pool Data Forms on our online portal. If you need instructions to access the Final Pool Data Forms for your facility visit: **kingcounty.gov/pools/data-forms** (QR code "A" below).
- Read the new 2017 installation instructions for the suction outlet fitting assemblies (SOFA) cover for your pool or spa. Pay particular attention to the new maximum flow rates, pipe sizes, pipe orientation, minimum pipe offset dimension, sump mounting orientation, and sump dimensions. These can determine if it is possible to install the new 2017 cover with the current configuration of the facility. Review Figure 1 or 1a in the installation instructions.

If your pool or spa meets the minimum requirements of the 2017 installation instructions for the SOFA:

- Submit replacement updates on the online portal. You can find the instructions on how to submit by visiting: **kingcounty.gov/pools/drain-covers** (QR code "B" on page 2). The person who installed the replacement cover can submit the SOFA replacement on the online portal. Please select that certification box only if the SOFA is manufactured under the ANSI/APSP/ICC-16 2017 standard. Do not select both certification boxes. Your submittal will be declined if both certification boxes are selected.
- Email photos of the pipe offset dimension (Item "e" in Figure 1 or 1a) and pipe orientation (bottom or side) for each sump to **KCPoolPlans@kingcounty.gov**. This dimension must be taken at the narrowest portion between the pipe's inner diameter and the edge of the frame. * See example below.

Note: We will only ask for this information once for each body of water, which will be added to the Final Pool Data Form.



QR code A



Instructions to open a QR code:

- Open the Camera app on your phone.
- Hold your phone so that the QR code appears in view.
- Tap the notification to open the link associated with the QR code.



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Guidelines *Cont...*

If your pool or spa does not meet the minimum installation requirements for the 2017 SOFA:

- Consult with a pool company for possible solutions.
- Consult with an engineer/architect for possible solutions.
- Contact a Water Recreational Plans Examiner at **KCPoolPlans@kingcounty.gov** for possible temporary solutions and/or VGB plan review information for a permanent solution.

If you have unused ANSI/APSP-16 (2011) covers (these are rare), they can still be used for expired drain cover replacement:

- Submit drain cover replacement update on the online portal. You can find the instructions on how to submit by visiting: **kingcounty.gov/pools/drain-covers** (QR code "B" below). Only the person who installed the replacement cover can submit the drain cover replacement on the online portal. Please select that certification box only if the drain cover is manufactured under the ANSI/APSP-16 2011 standard. Do not select both certification boxes. Your submittal will be declined if both certification boxes are selected.
- Email photos of each installed drain cover with a color dot or year visible to: **KCPoolPlans@kingcounty.gov**.

Below are examples of drain covers with the color dot and year imprint



QR code B

