

## VGBA-2017 PRODUCT SPECIFICATIONS

**Suction Outlet Fitting Assembly (SOFA)** 

VGBA-2017 Flow Ratings, Sump Dimensions, Sump Flow Path Zone, and Head Loss Curves

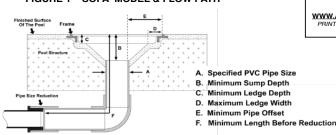


**DIRECTIONS:** Please follow the SOFA specific flow rates, sump specifications, and flow path zone information below. The installation must conform to these minimum/maximum requirements including the SOFA dimension defined in Figure 1. The flow path zone is defined by dimensions A through E. The installed sump may be manufactured or field-built and it may be larger/deeper than Figure 1. Please write the Cover Model Number, orientation, and SOFA Model Flow Rating on the VGBA DRAIN COVER IDENTIFICATION INFORMATION label that comes with each AquaStar Pool Products, Inc. drain cover.

## **Cover Model Number:** 32CDPHxxx



## FIGURE 1 - SOFA MODEL & FLOW PATH



FOR MOST CURRENT INFORMATION SCAN THE QR CODE OR VISIT

WWW.AQUASTARPOOLPRODUCTS.COM/FLOWCODE INTED DOCUMENTS MAY NOT HAVE THE MOST CURRENT FLOW RATINGS OR INSTALLATION OPTIONS.



| SOFA Model No.                               | Pipe Size<br>(Nominal) | Pipe Depth<br>(Minimum) | Orientation<br>(Wall / Floor) | Flow Rating<br>(GPM) | Head Loss<br>Curve |
|--|------------------------|-------------------------|-------------------------------|----------------------|--------------------|
| 32CDPH-32f_A-2b_B2.98_C.95_D.2_E.475_F16     | 2" (b)                 | 2.98"                   | Floor (f)                     | 145                  | С                  |
| 32CDPH-32f_A-2x2b_B2.98_C.95_D.2_E.475_F16   | 2" x 2 (b)             | 2.98"                   | Floor (f)                     | 220                  | D                  |
| 32CDPH-32f_A-2x3b_B2.98_C.95_D.2_E.475_F16   | 2" x 3 (b)             | 2.98"                   | Floor (f)                     | 250                  | E                  |
| 32CDPH-32f_A-2.5b_B2.98_C.95_D.2_E.475_F16   | 2.5" (b)               | 2.98"                   | Floor (f)                     | 200                  | G                  |
| 32CDPH-32f_A-2.5x2b_B2.98_C.95_D.2_E.475_F16 | 2.5" x 2 (b)           | 2.98"                   | Floor (f)                     | 220                  | Н                  |
| 32CDPH-32f_A-2.5x3b_B2.98_C.95_D.2_E.475_F16 | 2.5" x 3 (b)           | 2.98"                   | Floor (f)                     | 260                  | I                  |
| 32CDPH-32w_A-2b_B2.98_C.95_D.2_E.475_F16     | 2" (b)                 | 2.98"                   | Wall (w)                      | 145                  | М                  |
| 32CDPH-32w_A-2x2b_B2.98_C.95_D.2_E.475_F16   | 2" x 2 (b)             | 2.98"                   | Wall (w)                      | 220                  | N                  |
| 32CDPH-32w_A-2.5b_B2.98_C.95_D.2_E.475_F16   | 2.5" (b)               | 2.98"                   | Wall (w)                      | 200                  | 0                  |

Note 1: "SOFA Model No" nomenclature; bottom pipe = (b), side pipe = (s). See Fig 1 for capital letters A through E

Note 2: Head loss in Hg is measured 16 to 24 inches from the finish surface of the pool. Reference Fig 1 dimension F.

Note 3: Compatible with AquaStar sump P/N: 32CDSBxxx (not required). See Cover Model Number: 32CDPHFRxxx for additional field-built sump options with more flow rates.



