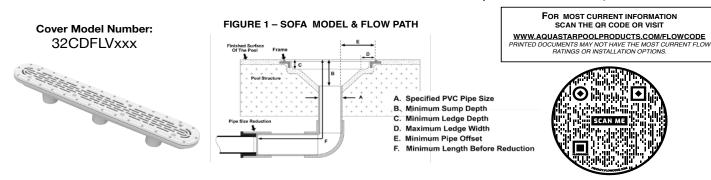


## VGBA-2017 PRODUCT SPECIFICATIONS Suction Outlet Fitting Assembly (SOFA)

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.



| SOFA Model No.                                   | Pipe Size<br>(Nominal) | Pipe Depth<br>(Minimum) | Orientation<br>(Wall / Floor) | Flow Rating<br>(GPM) | Head Loss<br>Curve |
|--|------------------------|-------------------------|-------------------------------|----------------------|--------------------|
| 32CDFLV-32f_A-2x2b_B2.98_C.95_D.2_E.475_F16      | 2" x 2 (b)             | 2.98"                   | Floor (f)                     | 120                  | А                  |
| 32CDFLV-32f_A-2x3b_B2.98_C.95_D.2_E.475_F16      | 2" x 3 (b)             | 2.98"                   | Floor (f)                     | 150                  | В                  |
| 32CDFLV-32f_A-2.5x2b_B2.98_C0.95_D0.2_E0.475_F16 | 2.5" x 2(b)            | 2.98"                   | Floor (f)                     | 150                  | С                  |
| 32CDFLV-32f_A-2.5x3b_B2.98_C0.95_D0.2_E0.475_F16 | 2.5" x 3(b)            | 2.98"                   | Floor (f)                     | 200                  | D                  |
| 32CDFLV-32w_A-2.5b_B2.98_C0.95_D0.2_E0.475_F16   | 2.5"(b)                | 2.98"                   | Wall (w)                      | 120                  | G                  |
| 32CDFLV-32w_A-2x2b_B2.98_C0.95_D0.2_E0.475_F16   | 2" x 2(b)              | 2.98"                   | Wall (w)                      | 150                  | Н                  |

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: AquaStar sump P/N: 32CDSBVxxx

