



# VGBA-2017 PRODUCT SPECIFICATIONS

## Suction Outlet Fitting Assembly (SOFA) VGBA-2017 Flow Ratings, Sump Dimensions, Sump Flow Path Zone, and Head Loss Curves



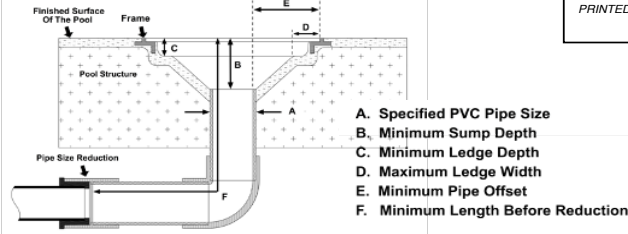
Certified to  
NSF/ANSI/CAN 50  
ANSI/APSP/ICC 16 - 2017

**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.

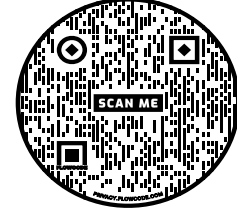
**Cover Model Number:**  
32CDFLFRxxx



**FIGURE 1 – SOFA MODEL & FLOW PATH**



**FOR MOST CURRENT INFORMATION  
SCAN THE QR CODE OR VISIT  
[WWW.AQUASTARPOOLPRODUCTS.COM/FLOWCODE](http://WWW.AQUASTARPOOLPRODUCTS.COM/FLOWCODE)  
PRINTED DOCUMENTS MAY NOT HAVE THE MOST CURRENT FLOW  
RATINGS OR INSTALLATION OPTIONS.**



SOFA Model No.	Pipe Size (Nominal)	Pipe Depth (Minimum)	Orientation (Wall / Floor)	Flow Rating (GPM)	Head Loss Curve
32CDFLFR-32f_A-2x2b_B2.98_C.95_D.2_E.475_F16	2" x 2 (b)	2.98"	Floor (f)	120	A
32CDFLFR-32f_A-2x3b_B2.98_C.95_D.2_E.475_F16	2" x 3 (b)	2.98"	Floor (f)	150	B
32CDFLFR-32f_A-2.5x2b_B2.98_C0.95_D0.2_E0.475_F16	2.5" x 2(b)	2.98"	Floor (f)	150	C
32CDFLFR-32f_A-2.5x3b_B2.98_C0.95_D0.2_E0.475_F16	2.5" x 3(b)	2.98"	Floor (f)	200	D
32CDFLFR-32f_A-3s_B3.9_C0_D0_E0_F16	3"(s)	3.9"	Floor (f)	210	E
32CDFLFR-32f_A-4s_B6.8_C0_D0_E0_F16	4" (s)	6.8"	Floor (f)	210	F
32CDFLFR-32w_A-2.5b_B2.98_C0.95_D0.2_E0.475_F16	2.5"(b)	2.98"	Wall (w)	120	G
32CDFLFR-32w_A-2x2b_B2.98_C0.95_D0.2_E0.475_F16	2" x 2(b)	2.98"	Wall (w)	150	H

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 inHg is measured 16 to 24 inches from the finish surface of the pool. Reference Fig 1 dimension F.

