SUMP AND GRATE: UNIT IS CERTIFIED TO APSP-16, 2017 AS A SOFA, AND DOES NOT REQUIRE FURTHER CERTIFICATION AND IS CORROSION RESISTANT, NON-CONDUCTIVE, NON-MAGNETIC, REQUIRES NO BONDING.

SUMP: FABRICATED USING 8-OZ FIBERGLASS MATTE AND WHITE MARINE GRADE GEL COAT (APPLIED INSIDE ONLY). A 2-INCH WATERSTOP IS LOCATED 5" BELOW TOP LIP OF SUMP AROUND THE OUTSIDE PERIMETER. TWO 2-INCH SCH-40 FEMALE ADAPTERS ARE PRE-INSTALLED AT THE BOTTOM OF THE SUMP FOR HYDROSTATIC VALVE CONNECTION. SUCTION OUTLET(S) TO BE 14-INCHES, OR SMALLER DIAMETER, AND ARE PLACED A MINIMUM OF 17-INCHES FROM TOP OF SUMP. THERE MAY BE MULTIPLE SUCTION OUTLET(S) PROVIDED THE TOTAL COMBINED FLOW RATE DOES NOT EXCEED THE STATED CERTIFIED MAXIMUM FLOW RATE OR THE UNIT. SUCTION FITTINGS MAY BE ANY OF THE FOLLOWING: SLIP COUPLINGS OR THREADED.

GRATE: FORMED OF MOLDED PVC (GEORGIA GULF 7140 WHITE, BY WESTLAKE CORP.) CERTIFIED WITH NSF/ANSI 50 AND UV STABILIZED. THE TOP SURFACE OF THE GRATE HAS A RAISED DESIGN THAT MEETS IBC FOR SLIP RESISTANCE. GRATE SECTIONS ARE 0.20-INCHES (5mm) WIDE AND 1-INCH (25.4mm) AVG. DEPTH FOR LOAD STRENGTH REQUIREMENTS. GRATE IS CERTIFIED UNDER APSP-16, 2017. SPACE BETWEEN GRATE BARS DOES NOT EXCEED 0.39-INCHES (10mm). GRATE PROVIDES A MINIMUM 62% OPEN AREA FOR UNRESTRICTED WATER FLOW.

INSTALLATION: FOLLOW DALDORADO INSTALLATION INSTRUCTIONS AND WARNINGS SUPPLIED WITH SUMP AND GRATE UNIT. GRATE MUST BE INSTALLED WITHIN SUMP USING ONLY THE BRASS MACHINE SCREWS, TESTED TO APSP-16, 2017, INTO 316-SS DROP IN ANCHORS, AS SUPPLIED BY DALDORADO WITH THE SUMP AND GRATE UNIT. NO OTHERS ARE PERMITTED.

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**CERTIFIED MAXIMUM FLOW RATE:**

**FLOOR - 1,984 GPM**

**WALL - 1,440 GPM**

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**CERTIFICATION PLATE DETAIL**

36" [914.4mm]

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**SUMP LIFE: LIFE OF THE AQUATIC FACILITY**

GRATES AND FASTENERS: 25 YEAR SERVICE LIFE/10 YEAR WARRANTY

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**TOTAL GPM**

**PORT LOCATION(S)**

<table>
<thead>
<tr>
<th>SIDE</th>
<th>BOTTOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>80</td>
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</table>

**PIPE SCHEDULE-PVC**

40

**NUMBER OF PORTS**

4 6 8

**PORT(S) SIZE**

2" FEMALE ADAPTER, TYP

**WATERSTOP**

2.5" [63.5mm]

**GRATE COLOR**

WHITE

**OTHER INFO**

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*WRITE IN OR CIRCLE APPLICABLE INFORMATION*

**REFER TO SUBMITTAL ORDER FORM FOR PORT LOCATIONS**

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**DalMAX-SG-183625**

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**Product #:** DalMAX-SG-183625

**Material:** FG/PVC

**Color:** WHITE

**Rev Date:** 08/01/2020

**Rev By:** JW BERGER