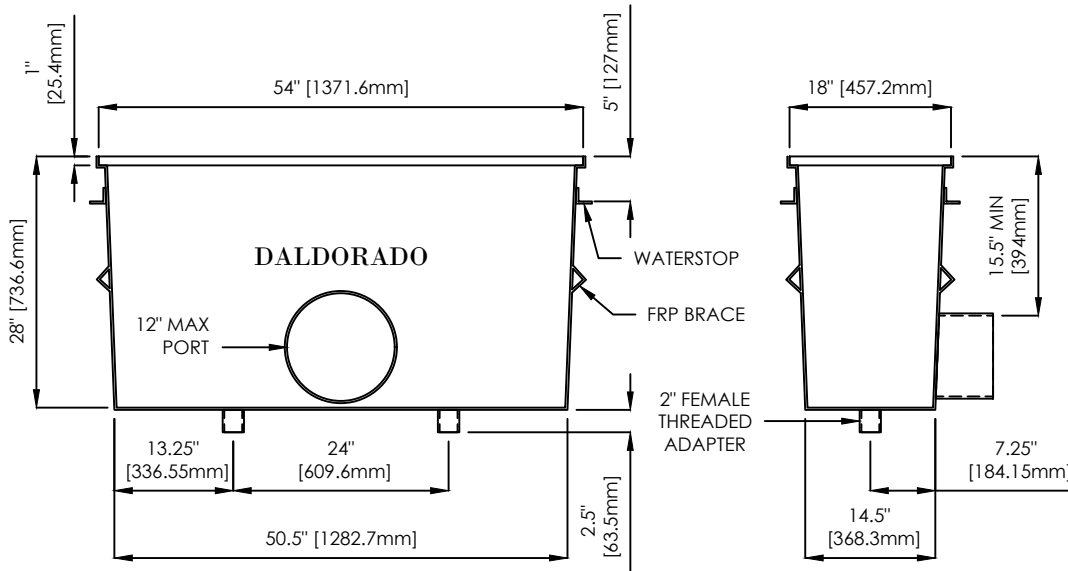
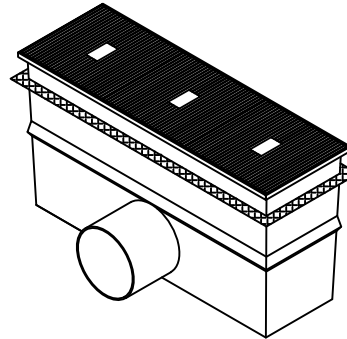
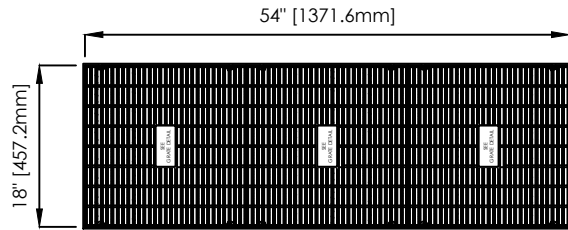


GRATE DETAIL

**CERTIFIED MAXIMUM FLOW RATE:  
FLOOR-2,944 GPM      WALL-2,872 GPM**



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

**SUMP:** FABRICATED WITH 8-OZ FIBERGLASS MAT AND WHITE MARINE GRADE GEL COAT (APPLIED INSIDE ONLY). A 1.5" FRP WATER STOP IS LOCATED 5" BELOW TOP LIP OF SUMP AND A 1.5" FRP BRACE IS APPLIED, BOTH AROUND THE OUTSIDE PERIMETER. TWO (2) 2" SCH-40 FEMALE THREADED ADAPTERS ARE INSTALLED STANDARD ON THE BOTTOM OF THE SUMP FOR HYDROSTATIC VALVE CONNECTION. THE FOLLOWING PORT CONFIGURATIONS ARE PERMITTED: 1) A SINGLE 12" PORT ON THE SIDE, OR 2) MULTIPLE PORTS OF ANY SIZE AND CONFIGURATION IF ALL PORT OPENING DEPTHS ARE  $\geq 16.5$ ". PORT SIZES  $> 12$ " ARE PERMITTED TO BE LOCATED ON THE BOTTOM. THE CERTIFIED MAXIMUM FLOW RATE FOR THE SOFA MUST NOT BE EXCEEDED. "DALDORADO" IS STENCILED ON THE BODY, AND IDENTIFYING MARKS (DALDORADO, MODEL, LIFE, MANUFACTURE DATE) ARE IMPRINTED ON THE GRATE LEDGE.

PORTS MAY BE SCHEDULE 40 OR 80, TYPE SLIP COUPLING, THREADED FEMALE ADAPTER, OR FLANGE COUPLING.

**GRATE:** THREE (3) 18" x 18" GRATES FORMED OF MOLDED PVC (GEORGIA GULF 7140 WHITE, BY WESTLAKE CORP.) CERTIFIED TO NSF/ANSI 50, APSP-16 2017, 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. 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 SUPPLIED INSTALLATION INSTRUCTIONS AND WARNINGS. GRATE MUST BE INSTALLED WITHIN SUMP USING ONLY THE 316-SS MACHINE SCREWS (TESTED TO APSP-16 2017) AS SUPPLIED BY DALDORADO. NO OTHERS ARE PERMITTED.

DalMAX-SG-185428 OPTIONS	
TOTAL GPM	2944 FLOOR, 2872 WALL
PORT CONFIGURATIONS	ANY PER NOTES ABOVE
PIPE SCHEDULE-PVC	40      80
MAX PORT SIZE, SIDE	12"
MAX PORT SIZE, BOTTOM	ANY
GRATE COLOR	WHITE
ANY P.O. SUBMITTAL MUST BE ATTACHED TO ORDER FORM	

**SUMP LIFE: LIFE OF THE AQUATIC FACILITY  
GRATES AND FASTENERS: 25 YEAR SERVICE LIFE/10 YEAR WARRANTY**

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Product: 18x54x28 Sump & Grate Package

Product #: DalMAX-SG-185428

Material: FG/PVC      Rev Date: 11/24/2020

Color: WHITE      Rev By: JW BERGER

**DALDORADO**

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