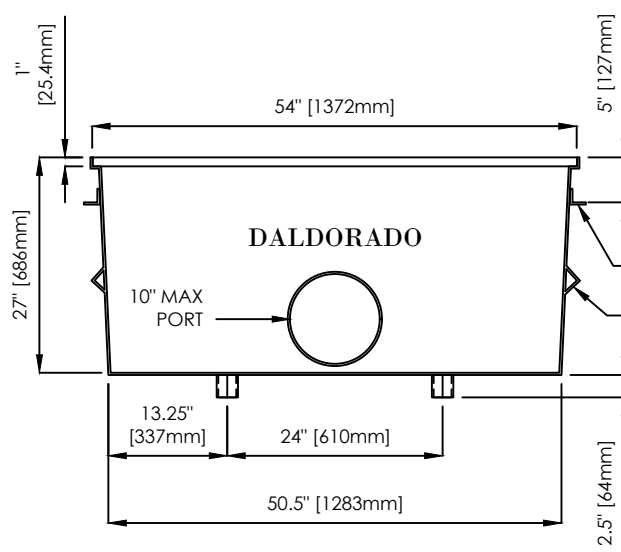
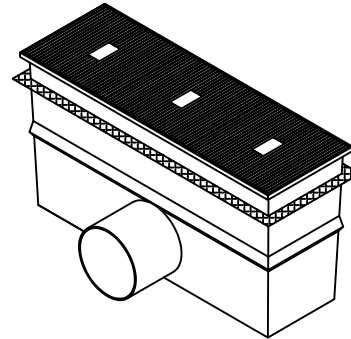
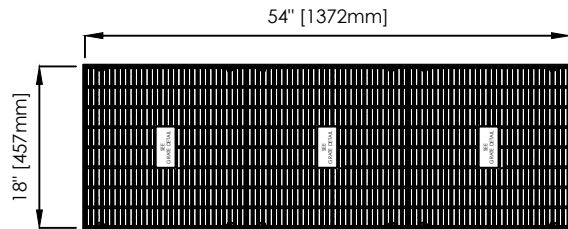
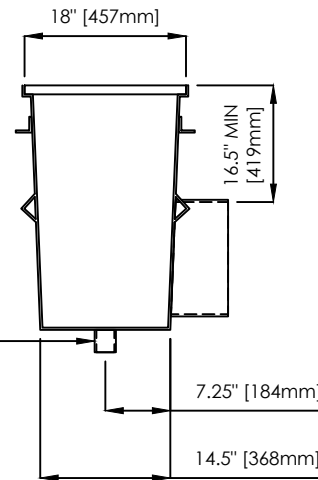


GRATE DETAIL

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



WATERSTOP  
FRP BRACE



2" FEMALE  
THREADED  
ADAPTER

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

All drawing are saved in a \*.dwg format and are provided as a service to our customers; dimensions supplied by Daldorado are for reference only. Daldorado or any authorized distributor of our products will not be held responsible from files which have been converted and does not warranty the documents against deficiencies or typographical errors of any kind. All measurements of the actual product must be verified before any custom fabrication in the field occurs. COPYRIGHT: This document is the property of Daldorado, LLC and is provided on an in-confidence basis, it may not be copied or reproduced without the permission of Daldorado or its authorized agent.

**SUMP AND GRATE: UNBLOCKABLE SOFA CERTIFIED TO APSP/ANSI/ICC-16 2017, NSF/ANSI/CAN 50-2020, AND USPC. RPD FIELD CERTIFICATION IS NOT REQUIRED. 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-IN FRP WATER STOP IS LOCATED 5-IN BELOW TOP LIP OF SUMP AND A 1.5-IN FRP BRACE IS APPLIED, BOTH AROUND THE OUTSIDE PERIMETER. TWO (2) 2-IN SCH-40 FEMALE THREADED ADAPTERS ARE INSTALLED STANDARD ON THE BOTTOM OF THE SUMP FOR HYDROSTATIC VALVE CONNECTION. THE MAXIMUM SIDE PORT SIZE IS 10-IN, AND PORT SIZES > 10-IN ARE PERMITTED TO BE LOCATED ON THE BOTTOM. ANY CONFIGURATION OF MULTIPLE PORTS OF ANY SIZE IS PERMITTED PROVIDED ALL SIDE PORTS ARE ≤ 10-IN. THE CERTIFIED MAXIMUM FLOW RATE FOR THE SOFA MUST NOT BE EXCEEDED. "DALDORADO" IS STENCILED ON THE BODY, AND MARKING REQUIRED BY STANDARDS IS IMPRINTED ON THE LEDGE. OPTIONAL WATER STOPS ON PORTS, MOUNTING UNISTRUTS, AND PORT GUSSETS ARE AVAILABLE. PORTS MAY BE SCH-40 OR SCH-80, TYPE SLIP COUPLING, THREADED FEMALE ADAPTER, OR FLANGE COUPLING.

**GRATE:** THREE (3) FLAT 18-IN x 18-IN GRATES FORMED OF UV-STABILIZED MOLDED PVC, CERTIFIED TO APSP/ANSI/ICC-16 2017, NSF/ANSI/CAN 50-2020, AND USPC. THE TOP SURFACE OF THE GRATE HAS A TEXTURED DESIGN FOR SLIP RESISTANCE. GRATE SECTIONS ARE 0.20-IN (5MM) WIDE AND 1-IN (25.4MM) AVG. DEPTH FOR LOAD STRENGTH REQUIREMENTS. SPACE BETWEEN GRATE BARS DOES NOT EXCEED 0.39-IN (10MM). GRATE PROVIDES A MINIMUM 62% OPEN AREA FOR UNRESTRICTED WATER FLOW. THE MANUFACTURE DATE AND MARKING REQUIRED BY STANDARDS IS MOLDED INTO EACH GRATE.

**INSTALLATION:** FOLLOW DALDORADO SUPPLIED INSTALLATION INSTRUCTIONS AND WARNINGS. GRATE MUST BE INSTALLED WITHIN SUMP USING ONLY THE 316 SS ¼"-20x1.25" MACHINE SCREWS (TESTED TO APSP/ANSI/ICC-16 2017) AS SUPPLIED BY DALDORADO. NO OTHERS ARE PERMITTED.

DalMAX-SG-185427 OPTIONS		
TOTAL GPM	2872 WALL, 2872 FLOOR	
PORT CONFIGURATIONS	ANY PER NOTES ABOVE	
PIPE SCHEDULE-PVC	40	80
MAX PORT SIZE, SIDE	10-IN	
MAX PORT SIZE, BOTTOM	24-IN	
GRATE COLOR	WHITE	
ANY P.O. SUBMITTAL MUST BE ATTACHED TO ORDER FORM		

Product: 18x54x27 Sump & Grate Package

Product #: DalMAX-SG-185427

Material: FG/PVC Rev Date: 07/20/2022

Color: WHITE Rev By: Daldorado

**DALDORADO**

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