



**SPECIFICATION PLATE DETAIL
FOR SUCTION GRATES ONLY**

FRAME: CONSTRUCTED OF UV STABILIZED PVC NOTCHED AND HEAT BENT TO SIZE. THE FRAME MUST BE SUPPORTED AROUND THE PERIMETER BY CONCRETE LEDGE, OR EQUAL, AND INSTALLED USING FASTNERS SUPPLIED BY DALDORADO.

GRATE: FLAT GRATE FORMED OF UV-STABILIZED MOLDED PVC, CERTIFIED TO APSP/ANSI/ICC-16 2017, NSF/ANSI/CAN 50-2020, AND USPC. CORROSION RESISTANT, NON-CONDUCTIVE, NON-MAGNETIC, DOES NOT REQUIRE BONDING. THE TOP SURFACE OF THE GRATE HAS A TEXTURED DESIGN FOR SLIP RESISTANCE. GRATE SECTIONS ARE 0.625-IN WIDE WITH FIVE (5) INTERLOCKING CONNECTORS. FOUR (4) FRP RODS PER 2-FT SECTION ARE INSERTED AND HELD IN PLACE WITH PVC CAPS FOR LOAD STRENGTH REQUIREMENTS. GRATE IS TESTED UNDER APSP/ANSI/ICC-16 2017 AND COMPLIES WITH ALL APPLICABLE TESTS WITH THE EXCEPTION OF THE VACUUM TEST. SPACE BETWEEN BARS DOES NOT EXCEED 0.375-IN AND PROVIDES 37.5% OPEN AREA FOR UNRESTRICTED WATER FLOW. GRATE WIDER THAN 24-IN REQUIRES ADDITIONAL SUPPORT TO BE INSTALLED BY OWNER/CONTRACTOR. GRATE COMES WITH A 10-YEAR MANUFACTURERS WARRANTY.

INSTALLATION: FOLLOW DALDORADO INSTALLATION INSTRUCTIONS AND WARNINGS SUPPLIED WITH GRATE. GRATE MUST BE INSTALLED USING ONLY THE DFS-FASTSET-MD-CU FASTENERS (316 SS DMD-CLIP, BRASS 1/4"-20x3/8" SQUARE DRIVE PAN HEAD SCREW, AND 316 SS DROP IN ANCHOR), TESTED TO APSP/ANSI/ICC-16 2017 AS SUPPLIED BY DALDORADO. NO OTHERS ARE PERMITTED.

DMD-FG-CUSTOM SUBMERGED FRAME & GRATE		
TOTAL GPM		
LENGTH		INCHES
WIDTH		INCHES
QUANTITY		
COLOR	WHITE	BONE GRAY
*WRITE IN OR CIRCLE APPLICABLE INFORMATION		

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Product: Custom Submerged Frame and Grate	
Product #: DMD-FG-CU	
Material: PVC	Rev Date: 07/20/2022
Color: PER TABLE	Rev By: Daldorado

DALDORADO

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