



StormBasin Specification Sheet

Product No.: 9731-1E-000

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Physical Properties:

1. Weight (empty): 55 lb max
2. Material:
 - a. Adjustable Flange and Deflector: Aluminum Alloy 6063-T6
 - b. StormBasin: Polypropylene Polyethylene Impact Copolymer (Nucleated)
 - c. Corner Fill: Aluminum Alloy: 5052-H32
 - d. Support Hardware: CRES 300 Series
 - e. Splash Guard: Neoprene Rubber, 80 Durometer
3. Performance Characteristics (typ):
 - a. Debris Capacity: 6.9 cu-ft
 - b. Filtered Flow Rate w/standard cartridges: 230 gpm (0.51 cfs)
 - c. Primary Bypass Flow Rate: 2064 gpm (4.6 cfs)
 - d. Secondary Bypass Flow Rate: 164 gpm (0.37 cfs)
 - e. Total Bypass Flow Rate: 2228 gpm (5.0 cfs)
4. Clear Opening Range (0.5 increments):
 - a. Minimum Size: 23.0 X 45.0
 - b. Maximum Size: 28.0 X 50.0



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Mechanical Properties:

Basin/Flange Assembly:

1. Aluminum Alloy 6063-T6
 - a. Yield Strength: 40,000-Psi
 - b. Tensile Strength: 45,000-Psi
 - c. Shear Strength: 30,000-Psi
2. Co-Polymer (Injection Molded):
 - a. Tensile Strength: 3,200-Psi
 - b. Heat Deflection Temperature (@66-Psi): 175°F
 - c. Notched IZOD Impact Strength (@73°F): No Break
3. Hardware: CRES 300 Series