



StormBasin Specification Sheet

Product No.: 9731-1E-000

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Physical Properties:

1. Weight (empty): 50 lb max
2. Material:
 - a. Adjustable Flange and Deflector: Aluminum Alloy 6063-T6
 - b. Splash Guard: Neoprene Rubber (Trim to Fit)
 - c. StormBasin: Polypropylene Impact Copolymer (Nucleated)
 - d. Corner Fill: Aluminum Alloy: 5052-H32
 - e. Support Hardware: CRES 300 Series
3. Performance Characteristics (typ):
 - a. Debris Capacity: 7.5 cu-ft
 - b. Filtered Flow Rate w/standard cartridges: 230 gpm (0.51 cfs)
 - c. Bypass Flow Rate: 1850 gpm (4.1 cfs)
4. Flange Adjustability Range (0.5 increments):
 - a. Minimum Size: 20.5 X 44.0
 - b. Maximum Size: 25.5 X 49.0
5. Clear Opening (min): 23-in (wide) x 45-in (length) x 30-in (deep)



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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. Neoprene Splash Guard:
 - a. Thickness: 0.25-In
 - b. Temperature Rating: -45°F To +250°F
 - c. Durometer: 80
3. 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
4. Hardware: CRES 300 Series