



## **StormBasin Specification Sheet**

Product No.: 9733-1C-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. StormBasin: Polypropylene Polyethylene Impact Copolymer (Nucleated)
  - c. Corner Fill: Aluminum Alloy: 5052-H32
  - d. Support Hardware: CRES 300 Series
3. Performance Characteristics (typ):
  - a. Debris Capacity: 7.0 cu-ft
  - b. Filtered Flow Rate w/standard cartridges: 230 gpm (0.51 cfs)
  - c. Primary Bypass Flow Rate: 2252 gpm (5.0 cfs)
  - d. Secondary Bypass Flow Rate: 328 gpm (0.73 cfs)
  - e. Total Bypass Flow Rate: 2580 gpm (5.7 cfs)
4. Clear Opening Range (0.5 increments):
  - a. Minimum Size: 29.0 X 45.0
  - b. Maximum Size: 34.0 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