Stronger & Easier to Maintain

NDS® StormChamber® is the most cost effective chamber solution

- Superior strength
- Fast, easy installation
- Simple maintenance
- 100+ year lifespan
- Easy to specify

ndspro.com
The Preferred Underground Stormwater Solution

Save time, money, and avoid extra excavation. Ideal for roadways, parking lots and fields.

- Built in end walls
- No header pipe manifold system required
- Flexible design
- Lowest installed cost

Thermo-formed High Density Weight Polyethylene HMWPE material won’t crack.

- Meets H-20 standards
- Up to 16” cover when deep installs are required for the 34” and 18”. Up to 12” for the 44”
- Stack in 2 or 3 layers for high storage capacity in a small footprint
- Meets ASTM F2922 and F2787 standard

STRENGTH & FLEXIBILITY

FAST INSTALLATION

Less time, less money and more forgiving.

- Differentiated and centralized sediment control through our propriety SedimenTrap™
- SedimenTrap™ gathers sediments and other pollutants in one place for quick, easy and inexpensive removal by vacuum truck

SIMPLE MAINTENANCE
Longest life expectancy on the market.
- Withstands the most extreme environments
- Material bends instead of breaks giving it a brittleness temperature of -107°F vs. industry average of -2°F
- 100 Year Life Expectancy

NDS® StormChamber® Plan View (Configuration Example)

NDS® StormChamber® Elevated View

Allows for deeper installation and a smaller footprint
- 34” Chambers: Capable of 3-layer stacking
- 44” Chambers: Contact NDS DesignWorx for any projects that may need stacking
- We offer expert site-specific design guidance based on 20 years of successful completion of projects
### NDS StormChamber® Comparision

<table>
<thead>
<tr>
<th>Nominal Design Specifications</th>
<th>SC-44</th>
<th>SC-34E</th>
<th>SC-34W</th>
<th>SC-18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Installed Storage</td>
<td>141 ft³ (3.99 m³)</td>
<td>105 ft³ (2.97 m³)</td>
<td>103 ft³ (2.91 m³)</td>
<td>37 ft³ (1.05 m³)</td>
</tr>
<tr>
<td>Maximum Installed Storage</td>
<td>222 ft³ (6.29 m³)</td>
<td>156 ft³ (4.42 m³)</td>
<td>153 ft³ (4.33 m³)</td>
<td>65 ft³ (1.84 m³)</td>
</tr>
<tr>
<td>Height</td>
<td>44&quot; (1118 mm)</td>
<td>34&quot; (864 mm)</td>
<td>34&quot; (864 mm)</td>
<td>18&quot; (457 mm)</td>
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<tr>
<td>Width</td>
<td>76.25&quot; (1937 mm)</td>
<td>60&quot; (1524 mm)</td>
<td>60&quot; (1524 mm)</td>
<td>38&quot; (965 mm)</td>
</tr>
<tr>
<td>Actual Length (Closed unit)</td>
<td>89.5&quot; (2273 mm)</td>
<td>103&quot; (2616 mm)</td>
<td>101&quot; (2565 mm)</td>
<td>101&quot; (2565 mm)</td>
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<tr>
<td>Installed Length (Start/End Unit)</td>
<td>82.25&quot; (2089 mm)</td>
<td>97&quot; (2464 mm)</td>
<td>95&quot; (2413 mm)</td>
<td>96&quot; (2438 mm)</td>
</tr>
<tr>
<td>Installed Length (Middle Unit)</td>
<td>75&quot; (1905 mm)</td>
<td>91&quot; (2311 mm)</td>
<td>89&quot; (2261 mm)</td>
<td>91.25&quot; (2318 mm)</td>
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<tr>
<td>Weight</td>
<td>120 lbs (54.4 kg)</td>
<td>100 lbs (45.4 kg)</td>
<td>90 lbs (40.8 kg)</td>
<td>53 lbs (24.0 kg)</td>
</tr>
<tr>
<td>Chambers per Pallet</td>
<td>20</td>
<td>30</td>
<td>40</td>
<td>35</td>
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<tr>
<td>Material</td>
<td>Polyethylene</td>
<td>Polyethylene</td>
<td>Polyethylene</td>
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<td>Manufacturing Process</td>
<td>Thermoforming</td>
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<td>ASTM Loading Standard</td>
<td>Exceeds</td>
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### Installation Specification Comparision

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</tr>
</thead>
<tbody>
<tr>
<td>Minimum Stone Above Chambers</td>
<td>12&quot; (305 mm)</td>
<td>6&quot; (152 mm)</td>
<td>6&quot; (152 mm)</td>
<td>6&quot; (152 mm)</td>
</tr>
<tr>
<td>Minimum Stone Below Chambers</td>
<td>9&quot; (229 mm)</td>
<td>6&quot; (152 mm)</td>
<td>6&quot; (152 mm)</td>
<td>6&quot; (152 mm)</td>
</tr>
<tr>
<td>Minimum Chamber Spacing</td>
<td>9&quot; (229 mm)</td>
<td>9&quot; (229 mm)</td>
<td>9&quot; (229 mm)</td>
<td>6&quot; (152 mm)</td>
</tr>
<tr>
<td>Minimum Stone Border</td>
<td>12&quot; (305 mm)</td>
<td>12&quot; (305 mm)</td>
<td>12&quot; (305 mm)</td>
<td>12&quot; (305 mm)</td>
</tr>
<tr>
<td>Maximum Cover</td>
<td>8&quot; (2.44 m)</td>
<td>16&quot; (4.88 m)</td>
<td>16&quot; (4.88 m)</td>
<td>16&quot; (4.88 m)</td>
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<tr>
<td>Minimum Cover</td>
<td>22&quot; (559 mm)</td>
<td>18&quot; (203 mm)</td>
<td>18&quot; (203 mm)</td>
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</tr>
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</table>

### Product Codes

- **Start Unit**: SC-44105-S-O, SC-3475E-S-O, SC-3475W-S-O, SC-1820-S-O
- **Middle Unit**: SC-44105-M-O, SC-3475E-M-O, SC-3475W-M-O, SC-1820-M-O
- **End Unit**: SC-44105-E-O, SC-3475E-E-O, SC-3475W-E-O, SC-1820-E-O
- **Closed Unit**: SC-44105-C-O, SC-3475E-C-O, SC-3475W-C-O, SC-1820-C-O

### We’re Here to Help

**DesignWorx™ by NDS**: NDS civil engineers and expert technicians are available to help make your project a success. We can evaluate and help you with the preparation of submittal drawings and specs to align with best stormwater practices. (888) 825-4716 | ndspro.com/submiteyourdesign

**Onsite support**: Our customer support team will provide free on-site installation assistance, as needed.

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8800 W. Hurley Ave, Visalia, CA 93291
Phone: 800.726.1994 (option 3)