When it comes to stormwater chambers, the road from good to great leads directly to HydroStor, the industry’s highest performing chambers. They meet or exceed proven ASTM structural, design and product standards, while including features that matter to the designer and installer.

### Performance
- High performance polypropylene material
- Meets or exceeds ASTM F2418 product standard & ASTM F2787 design standard
- Meets AASHTO H20 live load & HL93 design load requirements
- Advanced injection molding technology for maximum structural performance

### System Design
- Maximum land utilization & minimal environmental impact
- Smaller footprint with lower installed cost than similar chambers
- Features integral connectors for simplified assembly
- Design tool available at Prinsco.com/HydroStor-Library
- Available as part of a complete solution with end caps, pipe manifolds & pretreatment options

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**HydroStor™**

**STORMWATER SOLUTIONS / STORAGE / CHAMBERS**

<table>
<thead>
<tr>
<th>180 ft³/chamber</th>
<th>Installed Storage Capacity*</th>
<th>75 ft³/chamber</th>
</tr>
</thead>
<tbody>
<tr>
<td>45.5&quot;</td>
<td>Height</td>
<td>30&quot;</td>
</tr>
<tr>
<td>77.8&quot;</td>
<td>Width</td>
<td>51&quot;</td>
</tr>
<tr>
<td>88.7&quot;</td>
<td>Unit Length</td>
<td>85.4&quot;</td>
</tr>
<tr>
<td>85.3&quot;</td>
<td>Installed Length</td>
<td>84.9&quot;</td>
</tr>
<tr>
<td>127 lbs</td>
<td>Weight</td>
<td>70 lbs</td>
</tr>
<tr>
<td>17</td>
<td>Chambers/Pallet</td>
<td>33</td>
</tr>
</tbody>
</table>

*Assuming 40% void volume of backfill with 9" bedding & 12" cover for HS180 and 6" bedding & 6" cover for HS75.

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**Prinsco.com** 800.992.1725
Handling

- Integrated Handles for safe on-site handling
- Sturdy and lightweight for safe transport and placement by 2 people
- Specially designed pallet for trouble free handling
- Maximum stacking density to reduce on-site staging footprint

Installation Specifications

<table>
<thead>
<tr>
<th></th>
<th>HS180</th>
<th>HS75</th>
</tr>
</thead>
<tbody>
<tr>
<td>Embedment back</td>
<td>12&quot; minimum</td>
<td>6&quot; minimum</td>
</tr>
<tr>
<td>Initial back</td>
<td>9&quot; minimum</td>
<td>6&quot; minimum</td>
</tr>
<tr>
<td>Final back</td>
<td>8&quot; minimum</td>
<td>6&quot; minimum</td>
</tr>
<tr>
<td>B Chamber spacing</td>
<td>78&quot;</td>
<td>51&quot;</td>
</tr>
<tr>
<td>D Chamber width</td>
<td>12&quot;</td>
<td>12&quot;</td>
</tr>
<tr>
<td>E Backfill at edge of system</td>
<td>45.5&quot;</td>
<td>30&quot;</td>
</tr>
<tr>
<td>G Chamber height</td>
<td>23.5&quot;</td>
<td>18&quot;</td>
</tr>
<tr>
<td>H Maximum burial depth</td>
<td>8&quot;</td>
<td>8&quot;</td>
</tr>
</tbody>
</table>

MOBILE RESOURCES

More about HydroStor™
Installation Videos
Installation Guides
Specifications
Technical Notes

Prinsco.com/HydroStor-Resources

ENGINEERED WITH INTEGRITY

Prinsco products are fully supported by our engineering team and are designed, manufactured and tested to meet/exceed the high performance needs of the construction market. Prinsco’s engineering, quality control and production teams are committed to a continuous process of innovation, product development and quality improvement. We are focused on environmental sustainability, water quality, stormwater management and performance advancement.

COLLECTION & CONVEYANCE

GOLDFLO WT®
AASHTO Dual-Wall Pipe
ECOFLO® 100
Recycled Dual-Wall Pipe
GOLDPRO STORM™
Dual-Wall HP Polypropylene

TREATMENT

STORMWATER QUALITY
Engineered Water Treatment

STORAGE

HYDROSTOR™
Arched Chambers
UNDERGROUND DETENTION
Customized Pipe Systems

PRINS CO.COM 800.992.1725