

## Onsite Chamber Comparison Sheet

Onsite Chambers perform two key functions:

- Provide a means to distribute and dispose of primarily and secondarily treated effluent into the soil.
- Provide adequate storage volume to accommodate incoming flows.

Onsite chambers accomplish this by providing the necessary open bottom area, louvered sidewall, and storage capacity via structural arch design.

Prinsco Pro4® chambers offer equivalent or greater open bottom area and louvered sidewall height compared to existing chambers.

### Performance

#### Asymmetrical Arch Design

Supports wheel loads of 16,000 lbs/axle with 12" of cover

#### Surface

Has non-slip textured surface for added safety

#### Inspection Port

Includes provision for 4" inspection port at each chamber to chamber and chamber to endcap connection

**Interlocking Couplers**  
Includes interlocking coupler with 10° joint articulation in either direction

**Injection Molding**  
Manufactured with the latest injection molding technology

**Material**  
Made with high-performance polymers

**Flexibility**  
Designed for use in trench and bed applications

**Exceeds Standards**  
Exceeds International Association of Plumbing and Mechanical Officials (IAPMO) standards

### Versatility

#### Pressure Dosing

Accommodates 1¼" – 2" diameter pipe installed at-grade or suspended

#### Flexible Inletting

Supports multiple gravity, front, side, and top inletting elevations

#### Interlocking

Includes interlocking feature for endcap to chamber connection

**Splash Guard**  
Integral snap and set splash guard

|                  | Prinsco Pro4®/36HC       | IWT Quick4 Plus HC <sup>1</sup> | IWT Quick4 HC <sup>1</sup> | IWT Arc 36 HC <sup>1</sup> |
|------------------|--------------------------|---------------------------------|----------------------------|----------------------------|
| Height           | 16"                      | 14"                             | 16"                        | 16"                        |
| Width            | 34"                      | 34"                             | 34"                        | 34"                        |
| Effective Length | 48"                      | 48"                             | 48"                        | 60"                        |
| Weight           | 4.13 lbs/ft              | 3.45 lbs/ft                     | 3.75 lbs/ft                | 3.4 lbs/ft                 |
| Invert Height    | 0.5", 10", 11", 16"      | .8", 5.3", 8", 12.7"            | 11.5"                      | 10.5"                      |
| Louver Height    | 12.2"                    | 12"                             | 12.2"                      | 10.75"                     |
| Open Bottom Area | 2.46 ft <sup>2</sup> /ft | 2.48 ft <sup>2</sup> /ft        | 2.43 ft <sup>2</sup> /ft   | 2.45 ft <sup>2</sup> /ft   |
| Storage Capacity | 16.3 gal/ft              | 13.5 gal/ft                     | 15.5 gal/ft                | 16 gal/ft                  |
| Load Rating      | H-10                     | H-10                            | H-10                       | H-10                       |

<sup>1</sup> Infiltrator Water Technology's published values

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