

## 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®/36         | IWT Quick4 Plus Standard <sup>1</sup> | IWT Quick4 Standard <sup>1</sup> | IWT Quick5 Standard <sup>1</sup> | IWT Arc 36 <sup>1</sup>  |
|------------------|--------------------------|---------------------------------------|----------------------------------|----------------------------------|--------------------------|
| Height           | 12"                      | 12"                                   | 12"                              | 12"                              | 13"                      |
| Width            | 34"                      | 34"                                   | 34"                              | 34"                              | 34"                      |
| Effective Length | 48"                      | 48"                                   | 48"                              | 60"                              | 60"                      |
| Weight           | 3.5 lbs/ft               | 3 lbs/ft                              | 3 lbs/ft                         | Not Published                    | 3.1 lbs/ft               |
| Invert Height    | 0.5", 6", 7", 12"        | .6", 5.3", 8", 12.7"                  | 8"                               | 8"                               | 7.13"                    |
| Louver Height    | 8.5"                     | 8"                                    | 8"                               | 8"                               | 7.13"                    |
| Open Bottom Area | 2.45 ft <sup>2</sup> /ft | 2.41 ft <sup>2</sup> /ft              | 2.27 ft <sup>2</sup> /ft         | Not Published                    | 2.45 ft <sup>2</sup> /ft |
| Storage Capacity | 12.8 gal/ft              | 11.8 gal/ft                           | 10.8 gal/ft                      | 11.3 gal/ft                      | 12.6 gal/ft              |
| Load Rating      | H-10                     | H-10                                  | H-10                             | H-10                             | H-10                     |

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

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