

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

Interlocking Couplers

Includes interlocking coupler with 10° joint articulation in either direction

Inspection Port

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

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

Interlocking

Includes interlocking feature for endcap to chamber connection

Flexible Inletting

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

Pressure Dosing

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

Splash Guard

Integral snap and set splash guard

	Prinsco Pro4®/36	Equivalent or greater	IWT Quick4 Plus Standard ¹	IWT Quick4 Standard ¹	IWT Arc 36 ¹
Height	12"	✓	12"	12"	13"
Width	34"	✓	34"	34"	34"
Effective Length	48"	✓	48"	48"	60"
Weight	3.6 lbs/ft	✓	3 lbs/ft	3 lbs/ft	3.1 lbs/ft
Invert Height	.5", 6", 7", 12"	✓	.6", 5.3", 8", 12.7"	8"	7.13"
Louver Height	8.5"	✓	8"	8"	7.13"
Open Bottom Area	2.45 ft ² /ft	✓	2.41 ft ² /ft	2.27 ft ² /ft	2.45 ft ² /ft
Storage Capacity	12.8 gal/ft	✓	11.8 gal/ft	10.8 gal/ft	12.6 gal/ft
Load Rating	H-10	✓	H-10	H-10	H-10

¹ Infiltrator Water Technology's published values

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