

Orifice Plates

Product	Sizes	Accuracy	Repeatability	Pipe Reynolds no.	Beta
Square Edged Orifice Plate	≥ 2"	+/- 0.5% (Tapping dependent)	0.1% of reading	ReD ≥ 5000	0.1 - 0.75
Quarter Circle Orifice Plate	1	+/- 2%	0.1% of reading	ReD between 200 and 60,000	0.245 – 0.6
Eccentric Orifice Plate	4" to 40"	+/- 2.5%	0.1% of reading	ReD between 42,320 and 840,000	0.46 – 0.84
Conical Entrance Orifice Plate	1" to 20"	+/- 2%	0.1% of reading	ReD between 80 and 263,200	0.1 – 0.316
Segmental Orifice Plate	≥ 4"	+/- 1 - 2%	0.1% of reading	ReD between 40,000 and 1,000,000	0.1 – 0.316
Restriction Orifice Plate	½" to 24"	± 2%	±0.1% of reading	ReD between 80 and 263,200	0.1 – 0.316
Flow Conditioner Plate	½" to 24"	±2.5%	±0.1% of reading	ReD between 42,320 and 840,000	0.46 – 0.84