

CPA Flow Conditioner Technical Comparison

The below chart compares the different types of flow conditioners that are offered by Canada Pipeline Accessories and how to help choose which is the appropriate plate for a specific measurement scenario.

	CPA Flow Conditioner Type				
	TBR	TBRL	50E	55E	65E
Size Range	2" - 4"	2" - 4"	0.5" and larger	0.5" and larger	0.5" and larger
Pressure Drop	2.0	2.0	2.0*	2.0*	1.0*
AGA3-2000 Orifice	5/8	5/8	5/8	5/8	N/A
Turbine	5/8	5/8	5/8	5/5	5/5
Ultrasonic	5/8	5/8	5/8	5/5	5/5
Other Volumetric	5/8	5/8	5/8	5/5	5/5
Gas/Liquid	Gas	Gas	Gas/Liquid*	Gas/Liquid*	Gas/Liquid*
Swirl Reduction	Moderate	Moderate	Moderate	High	High
Installation Style	Pinned	Pinned	Pinned, RF, RTJ, Weld In	Pinned, RF, RTJ, Weld In	Pinned, RF, RTJ, Weld In

* Please consult the K Factor/dP information to help decide which flow conditioner to use based on the measurement application.

*TBRL protected under Pat. D697581, D701939. Further patents pending.
CPA 55E & CPA 65E patents pending.*