

TYPE OF ORIFICE	ADVANTAGES	DISADVANTAGES
Calibrated Variable Orifice	<ul style="list-style-type: none"> • Inexpensive 	<ul style="list-style-type: none"> • Extremely poor flow accuracy • Estimation of flow. Not true measurement • Tend to clog due to “plug” style valve
Orifice Plate	<ul style="list-style-type: none"> • Inexpensive 	<ul style="list-style-type: none"> • High permanent pressure loss • Less range of flow signer per throat beta
Truncated Venturi	<ul style="list-style-type: none"> • Less expensive as compared to a true venturi 	<ul style="list-style-type: none"> • High permanent pressure loss • Sensitive to upstream pressure disruptions • Loss of accuracy
PRO Hydronic's True Venturi	<ul style="list-style-type: none"> • Lowest pressure loss • Optimized 15° pressure regain chamber • Wider range of flow signal per throat beta • Opportunity for selection of proper pressure signal 	<ul style="list-style-type: none"> • Naturally longer to allow for proper regain • Slightly more expensive than other de-featured designs