Performance Estimates for Venturis and ASME Flow Nozzles: Water (H₂O)
Performance Estimates for Venturis and ASME Flow Nozzles
Based on Water at 60 deg. F.

Where:
- GPM = Volume flow (Gallons/min)
- P1 = Inlet Static Pressure (psia)
- P2 = Throat Static Pressure (psia)
- T1 = Inlet Temperature (Rankine)
- Dp = P1-P2 (inches of H2O)
- D = Inlet Diameter (inches)
- d = Throat Diameter (inches)

Beta Ratio = d/D = 0
Beta Ratio = d/D = 0.5
Beta Ratio = d/D = 0.75
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