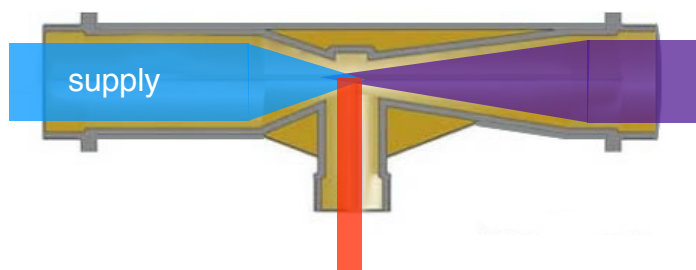


... to portion chemical treatment into make-up water - a venturi.



How the venturi device works:

Pressurized water enters the venturi inlet. Internal constrictions increase water velocity and decrease side-wall pressure to less than atmospheric. Treatment is drawn into the suction port (bottom) and mixes with the water stream. As the mixture flows toward the larger-diameter outlet, its velocity slows and pressure increases (to somewhat less than that at the inlet).

Advantages: efficient, simple, no moving parts, no electrical connections, not harmed if run dry, treatment under vacuum, constant injection rate at any setting, long-lived.

... the usual alternative:



complex, expensive chemical feed systems



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