

Venturi Injector

A venturi injector is an automatically aerated dosing device developed using the principle of pressure differential at a pinch point causing a vacuum which pulls the chemical through the injector. The unique mixing chamber design creates a powerful jet of water mixed with the dosed gas (or liquid). It consists of a suction-type nozzle, check valve to prevent backflow into the dosing line and tube with a pinch point and injection port to create the pressure differential.

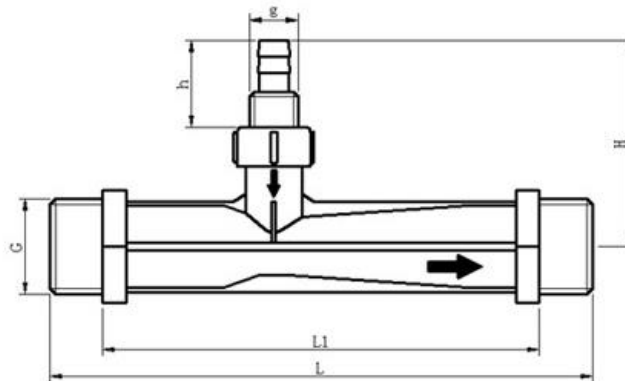
The benefits of using a venturi include:

- having aerated dosing
- high efficiency
- having a compact product structure
- simple to manage and maintain
- quick installation
- reliable operation
- low energy consumption with no secondary pollution to the environment

Venturi injectors are widely used in water treatment (dissolved ozone and chlorine dioxide sterilization, oxygen removal, etc.), chemical, aquaculture, drinking water dispensers and other fields.

Body Material: PP / UPVC / PVDF

Connection: Male Thread / Socket Welding / Flange



Model	G	L	L1	h	H	g
DN08	1/4"	113	88	16	43	1/4" Tube
DN15	1/2"	139	110	28	63	1/4" Thread & 1/4" Tube
DN20	3/4"	157	111	28	63	1/4" Thread & 1/4" Tube
DN25	1"	225	181	37	88	1/2" Thread & 3/8" Tube
DN32	1 1/4"	230	185	37	88	1/2" Thread & 3/8" Tube
DN40	1 1/2"	257	208	37	89	1/2" Thread & 3/8" Tube
DN50	2"	295	228	30	70	1 1/4" Thread