



High Pressure Ejectors Up to 600 PPD (12 Kg/h)

The Hydro Instruments ejectors have been expertly designed and each one carefully tested to guarantee years of solid operation. They are constructed of the finest materials available for gas service and carry the industry's best warranty.

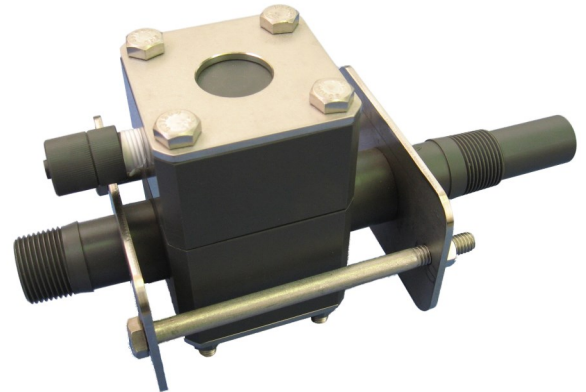
Operation

The ejector is arguably the most important piece of equipment in the gas feed system because it provides the vacuum necessary to operate the vacuum regulator and pull gas through the system.

High Pressure Body Plates

Metal plates are added to the ejector to reinforce the check valve bodies and bolster the nozzle & tail piece. This allows the ejector to be used in applications where back pressures are greater than what a standard ejectors can handle.

High pressure body plates should be installed on the ejector for applications where back pressures are greater than 145 PSI, but not above 250 PSI.



Specifications

Feed Capacity

Capacity	Tubing Size	Inlet (Nozzle)	Outlet (Throat)
100 PPD (2 Kg/h)	3/8", 1/2", 5/8"	3/4" NPT	3/4" NPT
250 PPD (5 Kg/h)	1/2", 5/8"	1-1/4" NPT	1-1/4" NPT
600 PPD (12 Kg/h)	5/8"	1-1/4" NPT	1-1/4" NPT

Different inlet nozzle and throat orifice sizes are available for the ejectors. Please refer to Hydro Instruments' ejector nozzle charts for this information and proper nozzle/throat selection.

The ejector can be installed in any orientation, wall mounting brackets are available.

Back Pressure Information

Back Pressure	Ejector Option
250 PSI (17 bar)	Ejectors with high pressure body plates.

The point of injection should be carefully chosen so the water pressure at the discharge side of the ejector is as low as possible. If this is not possible than the ejector should be outfitted with high pressure body plates.

For applications with back pressures greater than 250 PSI, see Hydro Instruments' EJH-143-CL2-HP diaphragmless high pressure ejector.

