



High Capacity Ejectors Enhanced Performance

Hydro Instruments' EJH-2200/3200 line of enhanced performance, high capacity ejectors are able to feed greater amounts of chemical with less water supply pressure and less water flow. A combination of integral spring-less check valve and external drain valve reliably keep vacuum lines free of water.

Features

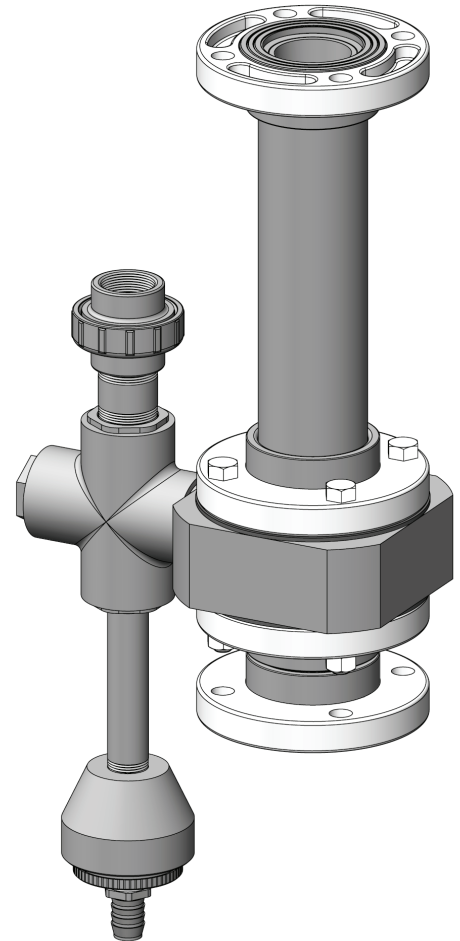
- Enhanced hydraulic performance
- Integral 'low drag' spring-less check valve and external drain valve to prevent water from flooding the system
- Easy disassembly and maintenance
- Vacuum instrument connection conveniently located on the ejector
- EJH-2200-CL2 1" PVC union vacuum connection
2" 4-bolt Van Stone style PVC flanges
- EJH-3200-CL2 1.5" PVC union vacuum connection
3" 4-bolt Van Stone style PVC flanges

Description

Working off of the Venturi principle; as high pressure water is passed through a small orifice its velocity increases, resulting in a drop in pressure. This drop in pressure is great enough to create a vacuum condition downstream of the nozzle and pull the feed chemical into the water.

In vacuum gas feed systems where a very large amount of chemical needs to be fed, the ejector can often require a lot of water to operate. Additionally, some designs of check valves placed in the vacuum line can diminish the ejector vacuum strength producing a situation where supply water pressure and water flow need to be increased further to compensate. Hydro Instruments' enhanced performance ejectors use a check valve designed to eliminate this vacuum reduction and reduce drag on chemical flow through the assembly. This 'low drag' check valve works hand-in-hand with the enhanced hydraulic performance of the ejector to make the overall operation exceedingly efficient.

Made from durable PVC and other chemically resistant materials, these ejectors can be used with chlorine gas or sulfur dioxide gas. For other chemicals please consult Hydro Instruments.



Capacity & Ordering Information

Part No.	Description
EJH-2200-CL2	2,000 PPD (40 kg/hr) range (2" Flange size) Various nozzle/throat options available
EJH-3200-CL2	Ranges from 4,000 PPD (80 kg/h) to 8000 PPD (160 kg/h) (3" Flange size) (1.078 nozzle / 1.593 throat) or (0.953 nozzle / 1.250 throat)

