



Variable Orifice Ejector

Features:

Adjustable chemical feed rates up to 10,000 PPD (200 kg/hr.) Cl₂.

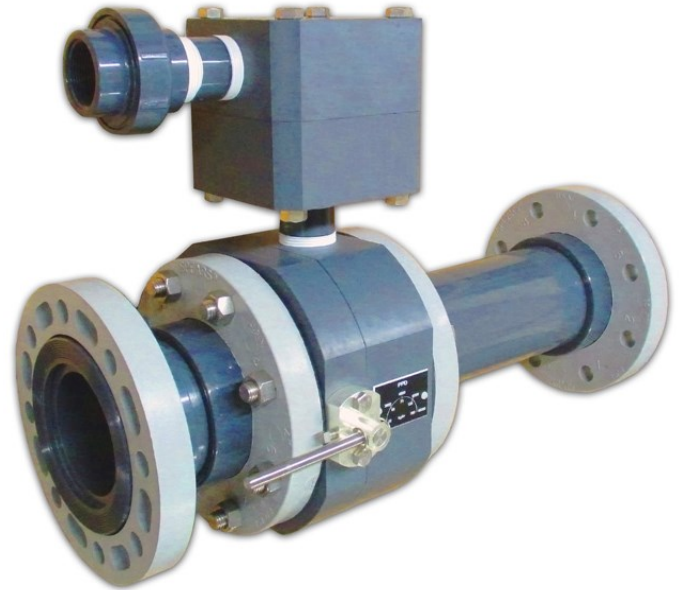
Internal check valve to prevent water damage to vacuum equipment.

3" or 4" Van Stone style 150# socket flange process connections.

- 3" - 4 bolt pattern
- 4" - 8 bolt pattern

1 1/2" PVC union gas connection.

3 Year product warranty.



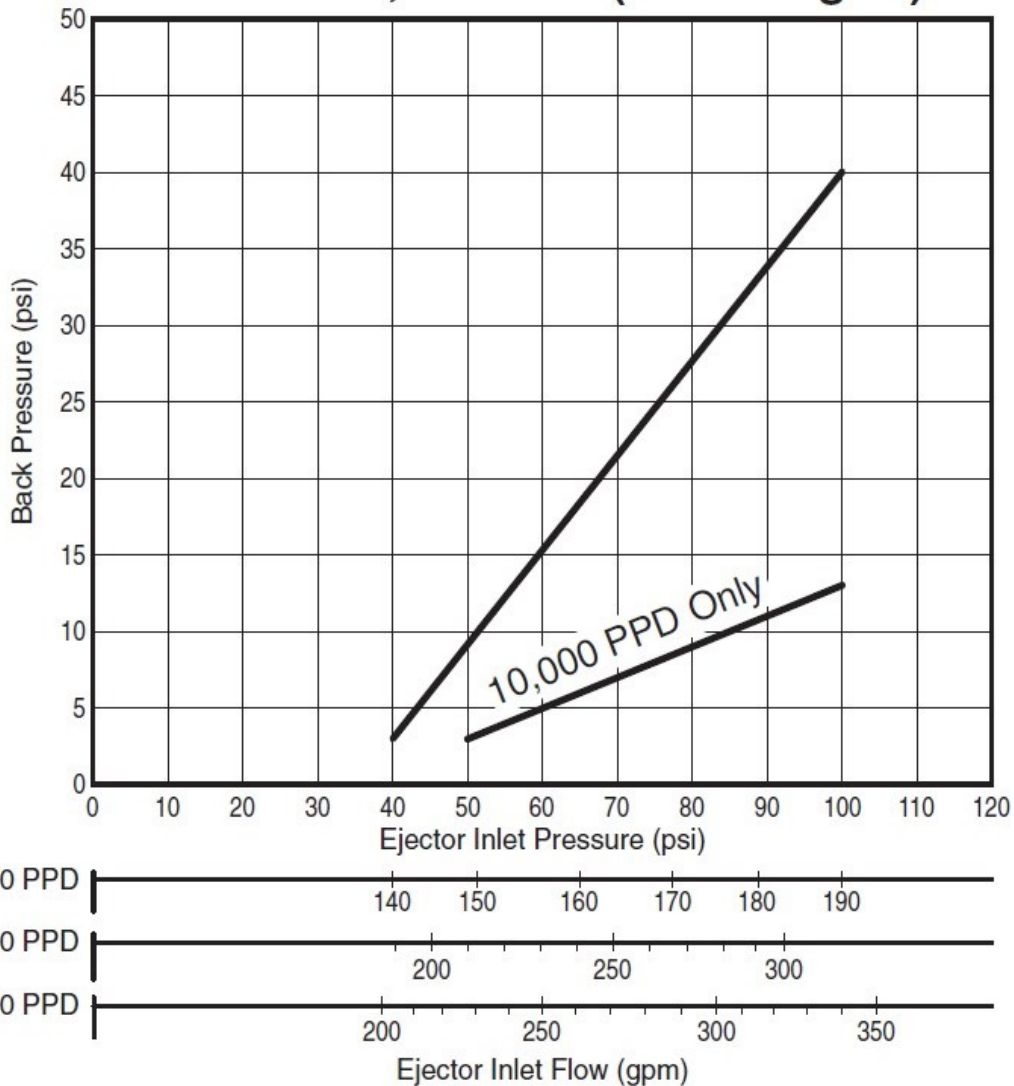
Description:

Variable orifice ejectors allow for manually adjustable chemical feed rates up to 10,000 PPD Cl₂ (200 kg/hr.). Working off of the venturi principle, as high pressure water is passed through a restricted orifice its velocity increases resulting in a pressure drop. This pressure drop is large enough to create vacuum conditions downstream of the nozzle and pull the feed chemical into the water supply. By being able to adjust the nozzle area in these ejectors the user can control the water flow through the ejector and thus manually control the chemical feed rate at the ejector.

A variable orifice ejector also has an added benefit in particularly dirty water applications. As particulates and debris can build up around the nozzle and restrict performance, the nozzle can be easily expanded to maintain the chemical feed rate. This results in much less downtime and maintenance.

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

NOZZLE SIZING CHART (EJH-3100-CL2) for 4000-10,000 PPD (75-200 kg/hr)



Note: The EJH-4100-CL2 follows the same performance curve.