



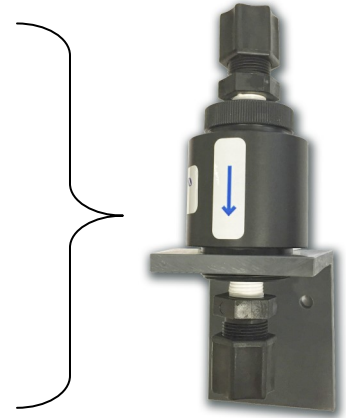
## Check Valves Vacuum Feed Systems

Hydro Instruments offers a variety of inline check valves for vacuum systems feeding chlorine, sulfur dioxide, ammonia and liquid chemical. Several designs are available to suit a wide range of applications.

### Spring-less Check Valves

#### CVH-100 & CVH-250

- For Chlorine or Sulfur Dioxide
- Capacity:
  - CVH-100 with 3/8" tubing connectors up to 100 PPD
  - CVH-250 with 1/2" tubing connectors up to 250 PPD
- Spring-less design prevents a reduction in ejector vacuum strength that would lessen overall feed capacity
- Includes mounting bracket and tubing connectors
- Best suited for small to medium capacity systems



### Teflon Check Valves



#### SCV-1

- For Chlorine, Sulfur Dioxide or Sodium Hypochlorite
- Up to 50 PPD or 10 GPH
- Normally closed via a spring loaded PTFE ball and Viton O-ring seat
- Can be mounted in any orientation
- Best suited for small capacity systems

### High Capacity Check Valves

#### CV-1304 & CV-1305

- For Chlorine or Sulfur Dioxide
- Capacity:
  - CV-1304 up to 2,000 PPD
  - CV-1305 up to 8,000 PPD
- Can be mounted in any orientation
- Inlet/Outlet Connections:
  - CV-1304 has 1" NPT unions
  - CV-1305 has 1.5" NPT unions
- Best suited for large capacity systems



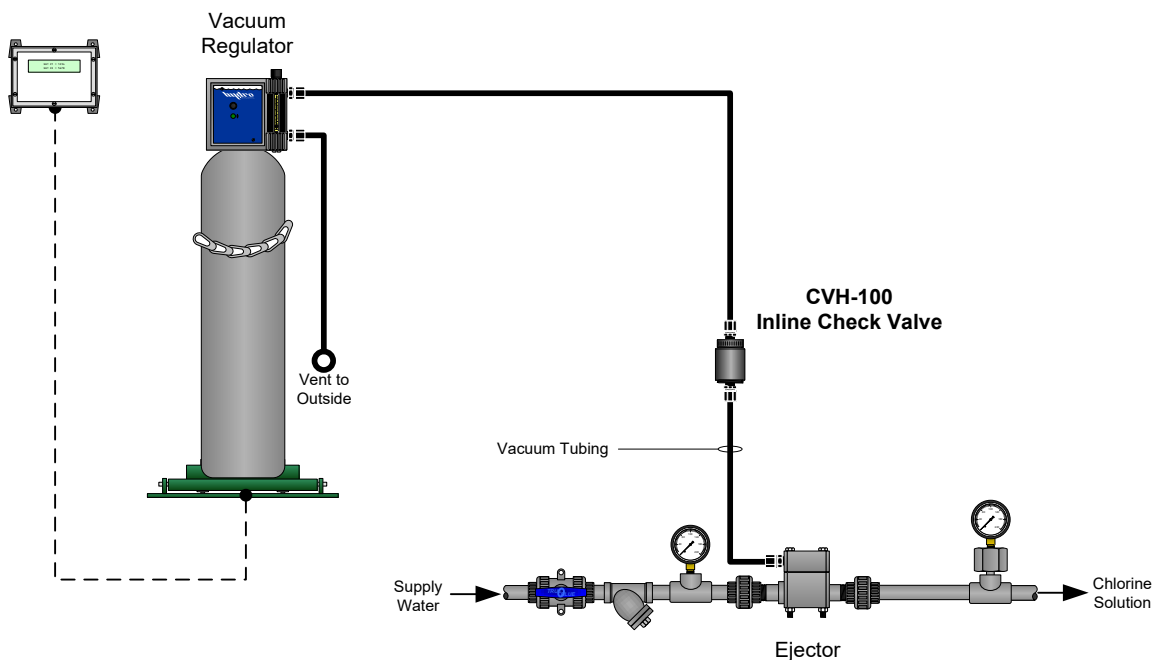
# Check Valves Vacuum Feed Systems

## Ordering Information

Product No.	Type	Description	Capacity
CVH-100	Spring-less	PVC bodies, HDPE ball, Viton O-rings & Gasket Includes: one (1) wall mounting bracket and two (2) 3/8" tubing connectors	100 PPD
CVH-250	Spring-less	PVC bodies, HDPE ball, Viton O-rings & Gasket Includes: one (1) wall mounting bracket and two (2) 1/2" tubing connectors	250 PPD
SCV-1	Teflon	PTFE Teflon bodies & ball, Hastelloy C-276 spring, Viton O-ring seat Includes: 1/4" FPT connections	50 PPD or 10 GPH
SCV-1B	Teflon	PTFE Teflon bodies & ball, Hastelloy C-276 spring, Viton O-ring seat Includes: two (2) 3/8" tube connectors	50 PPD or 10 GPH
CV-1304	High Capacity	PVC bodies, Hastelloy C-276 spring, Viton diaphragm & O-rings Includes: 1" NPT union connections	2000 PPD
CV-1305	High Capacity	PVC bodies, Hastelloy C-276 spring, Viton diaphragm & O-rings Includes: 1.5" NPT union connections	8000 PPD

### NOTES:

*Inline check valves are for vacuum systems feeding chlorine gas, sulfur dioxide gas and where stated sodium hypochlorite. For other chemical applications please consult Hydro Instruments.*



600 Emlen Way, Telford, PA 18969 ● Telephone: (215) 799-0980 ● Fax: (215) 799-0984  
US Toll Free: (888) 38-HYDRO ● www.hydroinstruments.com ● sales@hydroinstruments.com