



# MODEL VR2K

**HIGH VOLUME  
GAS CHLORINATOR**

## **-INNOVATION & QUALITY-**

The Model VR2K High Volume Vacuum Regulator is designed for applications requiring gas feed rates as high as 2,000 PPD (40 kg/hr). The design incorporates an “all-machined” construction, a 2-bolt manifold union for the pressure connection and a drip leg with heater.

The Model VR2K can be ordered with several options. It can be provided with or without a diaphragm-protected pressure gage. Also the drip leg assembly can be of either Iron or Monel material. The VR2K design also includes:

- a simple & reliable loss of gas indicator
- built-in relief (vent) valve
- 1” PVC union vacuum connection
- wall-mounting hardware

*What sets the VR2K apart?*



Shown above: VR2K-M-G

**-Solid all-machined construction, using only high quality materials: Silver Inlet Valve, Silver Inlet Screen, Tantalum Springs, PVDF Filter Holder & Guide Pin**

**-Option for the drip leg assembly to be either Iron or Monel material**

**-Extremely simple design, making future maintenance fast and easy**

**-3-year warranty and the most comprehensive list of lifetime-warranty parts: front body, back body, inlet capsule, inlet spring, vent spring & diaphragm**

<b>Vacuum &amp; Vent Lines</b>			
Model #	Capacity	Vacuum Lines	Vent Tubing (LDPE)
VR2K- <u>1</u> - <u>2</u>	2,000 PPD (40kg/hr)	1" Sch 80 PVC	1/2" OD
"1" = <u>I</u> - Iron / <u>M</u> -Monel (drip leg material)			
"2" = <u>G</u> - Gage Included / <u>N</u> - Without Gage (Pressure Gage)			

### **VR2K Materials of Construction**

Bodies: PVC-1 / Valve Stem: Silver / Valve Seat: Teflon

Springs: Tantalum / O-Rings: Viton (fluoroelastomer)



2-Bolt Manifold Union

### **Related Products Available From Archer Instruments**



EJA-2000C Ejector



MPA-2000C Meter Panel

- Accuracy: +/- 4% of scale
- Turndown: 20:1