



# MODEL VR6

## GAS CHLORINATOR

### -INNOVATION & QUALITY-

The Model VR6 Vacuum Regulator is designed for applications ranging from single-cylinder systems to multi-cylinder automatic switchover systems. Offering the option of an attached meter panel and rate control valve, the VR6 is designed to be a simple, easily-maintained and cost-effective vacuum regulator.

The VR6 is available for use with Chlorine or Sulfur Dioxide & for feed capacities up to 500 PPD (10 kg/hr). The VR6 is available for use on upright (150lb) cylinders or ton containers (with one of the ton container adapters manufactured by Archer Instruments). The VR6 incorporates:

- a simple, reliable empty-tank indicator
- built-in relief (vent) valve
- (optional) attached meter panel & rate valve (100 PPD & below only)



Shown above: VR6-10C

#### *What sets the VR6 apart?*

- Solid all-machined construction, using only high quality materials: PVDF Inlet Capsule, Silver Inlet Valve, Tantalum Springs, PVDF Guide Pin. \*Optional Metal Inlet Capsule.
- The VR6 is designed with the fewest parts of any vacuum regulator!
- Easily removable inlet filter cartridge & porous PTFE (Teflon) filter ( $\leq 100$  PPD)
- 3-year warranty and the most comprehensive list of lifetime-warranty parts: front body, back body, inlet capsule, inlet spring, vent spring & diaphragm

| Vacuum Tubing (LDPE tubing)                           |                    |               |             |
|---|--------------------|---------------|-------------|
| Model #   | Capacity           | Vacuum Tubing | Vent Tubing |
| VR6-10X   | 100 PPD (2KG/hr)   | 3/8" OD       | 3/8" OD     |
| VR6-25X   | 250 PPD (5KG/hr)   | 1/2" OD       | 3/8" OD     |
| VR6-50X   | 500 PPD (10 KG/hr) | 5/8" OD       | 3/8" OD     |
| "X" = <u>C</u> - Chlorine / <u>S</u> - Sulfur Dioxide |                    |               |             |



### VR6 Materials of Construction

PVC, PVDF (Kynar), PTFE (Teflon), Monel, Tantalum, Silver, FKM (Viton)

635A Twisted Wrench

## Options & Related Products Available From Archer Instruments



With MPA-60X Meter Panel

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



SMA-10X Switchover Module



EOA-10X Ejector



TCA-MONEL Ton Container Adapter