



VRE-8000-CL2 VACUUM REGULATOR

- Industrial Gas Feed for Chlorine, Sulfur Dioxide, Ammonia & CarbonDioxide
- 1 - Year Limited Warranty
- Hastelloy-276C SPRINGS
- Hastelloy-276C Inlet Valves
- Machined solid PVC

Enchlor Inc. has been manufacturing the highest quality water treatment equipment and instrumentation since 1978. The Enchlor Inc. VRE-8000-CL2 It is designed for large capacities as it allows vacuum to pass up to 150 kg/hour. It is also specifically designed for corrosive gases such as chlorine

Construction

- Enchlor Inc. continually strives to produce the longest lasting and most reliable gas chlorination and sulfonation equipment on the market. We believe that this means using only the highest quality materials and most rugged designs. Fine silver and Hastalloy rate valve and inlet valve components provide long life and accurate control. All body parts are machine from solid black UHMW type or pvc to provide the most durable chlorinator available.



Model definition

The Enchlor Model VRE-8000-CL2 Vacuum Regulator has a maximum capacity of 8000 PPD (150 kg/hr). Its purpose is to reduce the Chlorine gas from pressure to vacuum. The inlet safety valve is spring-loaded (normally closed). Vacuum must be present for the valve to open. If the inlet safety valve becomes dirty or damaged and cannot seal, leaking Chlorine gas will be directed to vent at a safe pressure of 1 PSI. The VRE-8000-CL2 Vacuum Regulator includes a wall-mounting panel, a drip leg with heater and a diaphragm-protected pressure gauge.

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Technical Data



1. The vacuum regulator shall include a panel for wall mounting, a drip leg with heater, and a diaphragm protected pressure gauge.
2. It shall include a $\frac{3}{4}$ " Union Flange for connection to the chlorine gas manifold.
3. The vacuum regulator body parts shall be constructed of solid machined PVC material for maximum durability and cracking resistance.
4. Vacuum regulator springs shall be made of Hestallo-C 276
5. The regulator shall incorporate a pressure relief (vent) valve with separate ports for chlorine feed and chlorine vent.
6. Connections shall be provided for tubing vented gas away from the pressure relief (vent) port of the vacuum regulator to atmosphere outside the building. The outside end of the vent tubing shall be equipped with an insect screen.
7. The regulator shall be equipped with an inlet filter to remove particulate mater from the gas before it enters the inlet safety valve.
8. The regulator shall include a diaphragm protected, pressure gauge that will indicate if there is chlorine gas pressure in the manifold.
9. The vacuum regulator chlorine gas vacuum outlet port shall be either 1", 1.5", or 2" Schedule 80 PVC piping.
10. The vacuum regulator Provided with a Y-Strainer for the chlorine gas upstream of the drip leg in the pressure manifold section



The manufacturing took place in Egypt under the manufacturing contract between us and the Water Technology Company in Egypt, through which it is requested

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