

607 North 108th Circle
Omaha, NE 68154

Phone: (402) 493-3337
Fax: (402) 493-7179
Web Site: precomaha.com

PRINCIPAL OF OPERATION

The operating principle of pump injection odorization is to use un-odorized supply gas to operate a liquid odorant injection pump. This is accomplished by tapping the transmission or feeder line for supply gas and controlling the operation of a solenoid valve to drive the metering pump, which injects liquid odorant at a drip tap on the feeder or distribution line. A signal from a meter interface switch is received by the PRECO Sentinel Controller to actuate the solenoid valve that operates the injection pump. The controls can operate on 115 VAC or 12 VDC Solar.

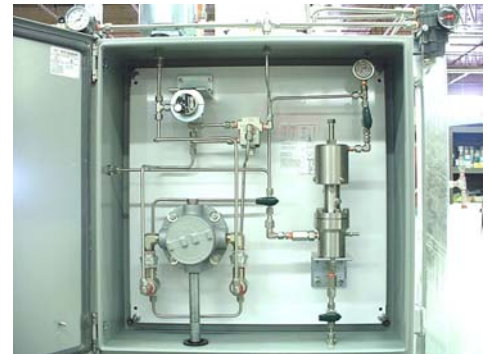
PRECO PUMP INJECTION ODORIZER SYSTEM

The PRECO Pump Odorizer System has been designed for higher volume or higher pressure applications where a Bypass type odorization system is not suitable. Because of our powder coat paint finish and stainless steel fittings, all systems can be used outdoors. The PRECO Pump Injection System offers the high degree of reliability customers expect.

The Sentinel II Controller uses a “SSAC” Solid State Controller. It receives signals proportional to flow, from the customer’s gas line instruments or meter interface switch. The system operates on 115 VAC or 12 VDC Gel Cell Battery and Solar Panel.

The PRECO Pump Cabinet is equipped with a “Linc” Teflon bellows pump. Back-up to a pneumatically operated Oscillamatic controller is automatically enabled in the event of power failure. “Swagelok” brand stainless steel fittings and tubing is used throughout the unit.

The PRECO Pump Unit is available with Pump Cabinet, Day Tank, and Bulk Tank all mounted on one easy to install skid or Containment Tub. Day Tanks are designed to hold approximately one months supply of odorant. Bulk tanks are designed to hold one years supply of odorant.



preco
Product Research & Engineering Co.

Quality Products At
Reasonable Prices

- Easy Installation
- Hot Dipped Galvanized Frame Finish
- Stainless Steel Fittings
- Teflon Bellows Style Pneumatic Pump
- Automatic Oscillamatic Pneumatic Back-up
- 115 VAC standard or optional 12 VDC Solar
- Day tank with liquid level sight gauge and rule.
- Bulk Tank sizes of 50, 100, 250, 500 & 1000 gallon
- Nema 4,12 Enclosures.
- Pump Injection System Designed to meet Class 1, Div. 1, Group D