**Description**

The Enviro-Line series is an environmental pressurization system designed for nonhazardous areas that contain dusty, dirty, and corrosive atmospheres. It operates on a supply of compressed instrument air or inert gas to regulate and monitor the pressure within the sealed enclosure. This prevents the accumulation of damaging and caustic gases and dusts. The elimination of these gases and dusts extends the life of the enclosure's expensive electrical equipment and instrumentation. Due to higher pressures inside the electrical enclosure, corrosive environments remain outside. The system maintains a constant 0.5" water pressure inside the enclosure. The Enviro-Line offers a complete environmental pressurization system including a regulator or vent, depending on your application. It is designed for enclosures up to 250 ft\(^3\).

**Standard Model Applications**

P+F makes it simple. Mounting plates are adaptable for every configuration with the Enviro-Line kit. Simply attach the mounting plate to best fit your application, align the pressure gauge, and the Enviro-Line is ready to go!
**Operation**

Using the Enviro-Line pressurization unit is uncomplicated and straightforward. The Enviro-Line pressurization unit is delivered as a complete kit and installs easily with all connection and mounting accessories included. Since the unit is designed for use in nonhazardous areas, power to the enclosure can be energized prior to engaging the air supply. The redundant regulator is used to keep incoming enclosure pressure at a maximum of 5 psi. The enclosure pressure control regulator is used to set a safe reading on the enclosure pressure gauge after the enclosure has been sealed. The Enviro-Line pressurization unit:

- Ensures longer electrical equipment life
- Keeps caustic/corrosive environment outside the enclosure
- Avoids corroding electrical instrumentation

**Material Specifications**

- **Regulator Body:** Zinc w/Enamel Finish
- **Regulator Handle:** Polycarbonate
- **Enclosure Pressure Gauge:** Alum. w/Enamel Finish
- **Tube Fittings:** Nickel Plated Brass Forged Body
- **Tubing:** Nylon or Polyethylene .035
- **System Nameplates:** Silk screened Lexan® & SS
- **Fastener Hardware:** Alum. & Stainless Steel
- **Mounting Plate:** 316 14 Ga #3 Brush SS
- **General-purpose Switch Body:** Anodized Cast Alum.
- **Enclosure Warning Nameplate:** Silk screened SS

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**Model Number Designations**

- **Series Model Number**
  - **System Style**
    - **WGS** - with general-purpose switch
    - **LGS** - less general-purpose switch
  - **System Options**
    - **WRR** - with redundant regulator
    - **WVT** - with vent
  - **Mounting Configuration**
    - **UM** - universal mount - left, right, top or bottom
    - **PM** - panel mount - enclosure surface cutout
      - (PM not available with redundant regulator - WRR configuration)

**System Accessories**

- **EPC-10** 1/2" Pipe Connector
- **ILF-4** 1/4" Filter
- **129-0251** Additional Installation & Operation Manual

**System Dimensions (inches)**

- **Universal Mount**
  - 7" x 8" x 6"
- **Panel Mount**
  - 8" x 10" x 6"

**Down to the nuts & bolts...**

*Everything you need for pressurization in nonhazardous dusty, dirty or corrosive areas in ONE SIMPLE KIT!*

- **WGS** - 6 lb / LGS - 5 lb
- **Temperature Range:** -20 °F to +120 °F
- **Supply Pressure Range:** * - 5 - 120 psi
- **Supply Requirements:** Clean air or inert gas
- **Safe Pressure:** 0.5" water
- **Safe Pressure Flow Rate:** 0.1 - 3.5 SCFH
- **System Supply Fitting:** 3/8" tube fitting
- **Enclosure Supply Fitting:** 3/8" tube fitting
- **Enclosure Reference Fitting:** 1/4" tube fitting

* With EPV-3 vent - 120 psi max. to 5 psi min.

Systems installed without vent must be equipped with redundant regulator set to 5 psi max.

**Table:**

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<tr>
<th>MODEL NUMBER</th>
<th>WGS With general-purpose switch</th>
<th>WRR With redundant regulator, with gauge</th>
<th>WVT With vent EPV-3-SA-00 / 90 for top or side mount</th>
<th>FITTINGS &amp; CONNECTIONS (included)</th>
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**Note:** special configurations available upon request.