Globally Certified Z,Y,X Purge Indicators / Controllers and Accessories

Features:

- Stainless steel or anodized aluminum construction for superior corrosion resistance (NEMA 4,4X)
- Small Profile and lightweight reduces installation footprint
- Global Certifications. Certified to: ATEX / IECEx / NEC / CEC in a single part number. Ideal for global companies looking to standardize on a single design
- Dry contact outputs for remote monitoring comes standard.
Purged and pressurized systems are an ideal method of explosion protection where components internal to the enclosure cannot be specifically rated for the area. They provide a lightweight, corrosion resistant alternative to traditional explosion proof enclosures. The protection concept maintains an above atmospheric pressure within the enclosure not allowing hazardous gas and/or dust from entering and coming into contact with possible sources of ignition.

The Purge Process

1) Purge Phase. In this phase, hazardous gases are removed from the enclosure by diluting the inside of the enclosure with a purge gas source. The enclosure is diluted between 4 to 5 times its cubic volume with this purge gas, eliminating ignitable amounts of hazardous materials from being present inside the enclosure.

2) Pressurized Phase. In this phase, after we have eliminated ignitable amounts of hazardous materials from being inside the enclosure. To prevent outside hazardous materials from entering into the enclosure, the enclosure is then slightly pressurized above the outside environment.

Selecting Purge Indicators / Controller

Here are key questions you will need to know in selecting your purge indicator / controller:

1. What protection method do you need? Z, Y, or X?

   Type “Z”
   This system reduces the classification within protected enclosures from Division 2 / Zone 2 to non-hazardous. Automatic power control disconnects are not required, but visual and/or audible alarms must be initiated when there is loss of pressure within enclosure.

   Type “Y”
   This system reduces the classification within protected enclosures from Division 1 / Zone 1 to Division 2 / Zone 2. All protected equipment inside enclosure must be rated for Division 2 / Zone 2. Automatic power control disconnects are not required, but visual and/or audible alarms must be initiated when there is loss of pressure. In addition to all requirements in Z there must be a remote monitor alarm.

   Type “X”
   This system reduces the classification within protected enclosures from Division 1 / Zone 1 to nonhazardous. It is required to automatically control electrical power to all protected equipment.

2. Is this a dust or gas environment?
   Is the hazard a Class I (Vapor, Liquid, Gas) or Class II (Dust)?
3. How big is your enclosure?
What is the cubic volume of your enclosure?
   - **Small** - Up to 15 Cubic Feet
   - **Medium** - Up to 75 Cubic Feet
   - **Large** - Up to 200 Cubic Feet

4. Voltage?
PurgEx offers the following:
   - **Z** - 12 VDC, 24 VDC, 115 VAC, 230 VAC
   - **Y** - 12 VDC or 24 VDC
   - **X** - 115 or 230 VAC (for other voltages please consult factory)

5. Material Construction
Do you require 316 Stainless (NEMA 4X) or Anodized Aluminum (NEMA 4)?

6. What type of Purge Gas Inlet Kit do you plan to use?
**CONTINUOUS PURGE / PURGE GAS**
In Continuous Purge, purge gas is continuously passed through the enclosure at a maintained pressure during and after the dilution cycle, and discharged to the outside atmosphere through an exhaust vent. This method is preferred for applications where heat builds up from the electronics within the pressurized enclosure.

**LEAKAGE COMPENSATIVE / PRESSURIZATION PURGE**
Leakage compensation allows a higher volume of purge gas during the dilution cycle, which is then reduced to only what is required to maintain the required pressure within the enclosure. This is preferred where a source of instrument grade air is limited.

7. Location of the exhaust vent. Side or Top?
Traditional purge systems require an accessory exhaust vent. When one is required, its location needs to be determined (side or top mount).

*Please Note: If enclosure is 15 cubic feet or smaller a separate vent is not required.*
PurgEx™ 8626 Y/Z Purge / Pressurization Indicator

CUSTOM CONFIGURATION LOGIC

Start Here

<table>
<thead>
<tr>
<th>8</th>
<th>626/1-D</th>
<th>Y</th>
<th>M</th>
<th>2</th>
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<tr>
<td>7 = Dust</td>
<td>626/1-D</td>
<td>Type of Purge</td>
<td>Size of Enclosure</td>
<td>Voltage</td>
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<tr>
<td>8 = Gas</td>
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Z Purge Only

Available in 316 Stainless Steel or Anodized Aluminum

Brilliant LED Indicator Gives 180° Viewing

Internal Vent Eliminates the Need for External Vents on Enclosure Volume Up to 15 Cubic Feet

Global Certification Y/Z Purge Indicators and Accessories

Features:
- Integral Vent standard on 15 CU FT or smaller indicators (no need to purchase or install accessory vents)
- Stainless Steel or Anodized Aluminum Construction for Superior Corrosion Resistance (NEMA 4, 4X)
- Smallest Profile and Lightest Weight on the market reduces installation footprint

General Specifications:

Casing Dimensions
4.5” diameter x 1.9” tall (114.3 mm diameter x 48.3 mm tall).

Operating Temperature
-40°F to 150°F (-40°C to 65°C)

Purge Pressure Lower Limit:
0.50 inch H2O (1.25 mbar).

Casing
Anodized aluminum 2.48 lbs (1.13 kg), IP66, NEMA 4, (standard)
316 stainless steel, 6.80 lbs. (3.04 kg), IP66, NEMA 4X, (optional).

Power Input / Consumption
0.5 Watts max.

Voltage:
12 VDC model (11 VDC to 16 VDC), 47 to 63 Hz
24 VDC model (19 VDC to 28 VDC), 47 to 63 Hz
115 VAC model (85 VAC to 160 VAC), 47 to 63 Hz
230 VAC model (130 VAC to 265 VAC), 47 to 63 Hz

Dry Contact Rating
Contact open on alarm (standard)
Contact closed on alarm (optional)
265 Volts AC / DC, 150mA max

Standard Hardware
All stainless steel mounting fasteners, o-ring, 1/4” (6.4 mm) diameter vent restrictor, warning label, and CD with all required documentation
OPTIONS & ACCESSORIES AVAILABLE CONTINUED:

**Protective Gas Loss Indicator Kit:** An explosion-proof differential pressure switch may be installed to provide an alarm contact output signal to indicate the loss of the backup source of protective gas. Another explosion-proof differential pressure switch may be installed on the main protective gas supply to indicate that the primary protective gas pressure is adequate. Model number is PSO-PGLI-K.

**Differential Pressure Gauge Kit:** R. STAHL also offers an all stainless steel differential pressure gauge kit, which can be mounted on the left side model number PSO-DPG-L, right side model number PSO-DPG-R, top model number PSO-DPG-T or bottom model number PSO-DPG-B of enclosure.

---

### Table

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<tr>
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<th>O</th>
<th>05</th>
<th>T</th>
<th>S</th>
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<td>Alarm</td>
<td>05</td>
<td>Inlet Kit Accessory</td>
<td>Exhaust Mounting</td>
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<td>O = Contact open on alarm (standard)</td>
<td>T = Continuous Purge Inlet</td>
<td>S = Side Mounted</td>
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<td>S = 316 Stainless</td>
<td>X = Contact closed on alarm</td>
<td>P = Manual Leakage Compensation Purge Inlet</td>
<td>T = Top Sided Mounted</td>
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<td>N = No Inlet Kit (Must be ordered separately. See pages G9-G14 for details on dimensions)</td>
<td>O = Specify if ordering less than 15 cu.ft indicator, or if ordering vent separately</td>
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**Protective Gas Loss Indicator Kit:**

- An explosion-proof differential pressure switch may be installed to provide an alarm contact output signal to indicate the loss of the backup source of protective gas.
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PurgEx™ 8626 X Purge Controllers (XP Series)

Classifications

NEC / CEC / CSA / ANSI / ISA 12.4, & NFPA 496 Certified
- Class I, Division 1, Group B, C, & D, T4
- Class II, Division 1, Group E, F, & G, T4

ATEX & IECEx
- II 2 G Ex e mb ib [px] IIC T4
- II 2 D Ex tD A21 IP66 T119°C

Ambient Temperature Range:
+65°C (+150°F) Max.
–40°C (–40°F) Min.

Globally Certified X Purge Indicators and Accessories

Features:
- Integral Vent standard on 15 CU FT or smaller indicators (no need to purchase or install accessory vents)
- Stainless Steel or Anodized Aluminum Construction for Superior Corrosion Resistance (NEMA 4, 4X)

Global Certifications
- Certified to ATEX / IECEx / NEC / CEC in a single part number.
- Dry Contact Outputs for Remote Monitoring Come Standard.
- CE Marked

CUSTOM CONFIGURATION LOGIC

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<table>
<thead>
<tr>
<th>8</th>
<th>626/1</th>
<th>D</th>
<th>X</th>
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<tr>
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<td>Mounting Method</td>
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<td>Size of Enclosure</td>
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<td>D = Housing Mounted on enclosure</td>
<td>X = X-Purge</td>
<td></td>
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<tr>
<td>8 = Gas</td>
<td>N = Externally Mounted Housing</td>
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<tr>
<td>S = Up to 15 Cubic Feet</td>
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<tr>
<td>M = Up to 75 Cubic Feet</td>
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<tr>
<td>L = Up to 200 Cubic Feet</td>
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</table>

X Purge Controllers enable the use of general purpose components to be placed inside the enclosures the X Purge will be monitoring and placed in a Division 1, and ATEX / IECEx Zone 1 hazardous area. This PURGEx X-Purge units come with global certifications. These units offer the lightest weight, and smallest profile controllers on the market.

Because these designs mount directly on the enclosure, no additional holes, sheet metal, or plumbing is required.

Globally Certified X Purge Indicators and Accessories

PurgEx

X-Purge Controller (D)

- Integral Exhaust Vent Standard. No need to order and assemble accessory vent for enclosure with a volume up to 15 cubic feet.
- Available in Anodized Aluminum or 316 Stainless Steel 115 VAC up to 25 amps or 230VAC up to 12.5 Amps.
- Rugged, visual LED indicator for local monitoring is supplied as standard.
### CUSTOM CONFIGURATION LOGIC

<table>
<thead>
<tr>
<th>3</th>
<th>A</th>
<th>O</th>
<th>05</th>
<th>T</th>
<th>S</th>
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<tr>
<td>Voltage</td>
<td>Material</td>
<td>Alarm</td>
<td>Type of Compensation</td>
<td>Exhaust Vent Mounting</td>
<td></td>
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</tbody>
</table>

- **3 = 115VAC**
- **4 = 230VAC**
- **S = 316 Stainless**
- **A = Aluminum**
- **O = Contact open on alarm (standard)**
- **X = Contact closed on alarm (option)**
- **T = Continuous Purge Inlet**
- **P = Manual Leakage Compensation Purge Inlet**
- **A = Automatic Leakage Compensation Purge Inlet**
- **N = No Inlet Kit (Must be ordered separately. See pages G9-G17 for details on dimensions)**
- **S = Side**
- **T = Top**
- **O = None (will order separately, or 15 cubic feet or smaller)**

---

**External Mounted (N)**

**Vent Included**

- Available in Anodized Aluminum or 316 Stainless Steel 115 VAC up to 25 amps or 230VAC up to 12.5 Amps.
- Rugged, visual LED indicator for local monitoring is supplied as standard.
PurgEx™ 8626 X Purge Controllers (XP Series)

GENERAL SPECIFICATIONS

Casing Dimensions
8.0” diameter x 1.9” tall (203.2 mm diameter x 48.3 mm tall), protrudes outside of purged enclosure.
6.5” diameter x 4.50” tall (65.1 mm diameter x 114.0 mm tall), protrudes inside of purged enclosure.

Operating Temperature
-40°F to 150°F (-40°C to 65°C)

Purge Pressure Lower Limit:
0.50 inches H2O (1.25 mbar) Purge Controller will disconnect power to protected enclosure electronics.

Casing
Anodized aluminum 16.09 lbs (7.30 kg), NEMA 4, (IP66).
316 stainless steel, 37.98 lbs. (1723kg), NEMA 4X, (IP66).

Power Control Capability
115 VAC up to 25 Amps RMS continuous over specified voltage ranges.
230 VAC up to 12.5 Amps RMS continuous over specified voltage ranges.

Power Input / Consumption
0.5 Watts max.

Voltage:
115 VAC model (85 VAC to 160 VAC), 47 to 63 Hz
230 VAC model (130 VAC to 265 VAC), 47 to 63 Hz

Dry Contact Outputs & Rating
1. Enclosure purge pressure is below 0.50 inches H2O (1.25 mbar).
2. Enclosure exhaust flow has stopped.
3. Purge Controller is in maintenance mode.
Contacts open on alarm (standard).
Contacts closed on alarm (optional).
All rated to 265 Volts AC/DC, 150mA max.

Standard Hardware
All stainless steel mounting hardware, o-ring, 1/4” (6.4 mm) diameter exhaust vent restrictor, CD with all required documentation.

Hazardous Area Approvals
ATEX and IECEx
II 2 G EX e mb ib [px] IIC T4 “for Zone 1 gas hazardous areas”
II 2 D EX tD A21 IP66 T119˚C “for Zone 1 dust hazardous areas”

ANSI / ISA 12.4, CEC, NEC, and NFPA 496
Class I, Division 1, Group B,C, & D, T4 “for gas hazardous areas”
Class II, Division 1, Group E,F, & G, T4 “for dust hazardous areas”

Certified to an Ambient Temperature Range of -40°F (-40°C) ≤ Tamb ≤ +150°F (+65°C)

CE Marked
PurgEx™ 8626 X Purge Controllers (XP Series)

DIMENSIONAL INFORMATION

- Front View of Unit:
  - 8.00" DIA. (203.2mm DIA.)

- Side View of Unit:
  - 2.50" (63.5mm)
  - 1.82" (46.2mm)
  - 4.50" INSIDE ENCLOSURE (114.3mm) INSIDE ENCLOSURE
  - 6.40" DIA. (162.6mm DIA.)
  - OUTSIDE ENCLOSURE SEALING SURFACE

- Local LED Status Indicator:
  - 0.25" (6.4mm) OUTER DIA. TUBE COMPRESSION FITTING - UP TO 6 PLACES TYP.

- X - PURGE CONTROLLER:
  - 10.30" (261.6mm)
  - 10.42" (264.7mm)
  - 8.34" (211.8mm)

- Compression Fitting:
  - Up to 6 places typ.
X Purge Controllers enable the use of general purpose components to be placed inside the enclosures the X Purge will be monitoring and placed in a hazardous area. These units offer the lightest weight, and smallest profile controllers on the market. Because these designs mount directly on the enclosure, no additional holes, sheet metal, or plumbing is required.

### Features:
- Integral Vent standard on 15 CU FT or smaller indicators (no need to purchase or install accessory vents)
- Stainless Steel Superior Corrosion Resistance (NEMA 4X)
- Dry Contact Outputs for Remote Monitoring Come Standard.
- CE Marked

### Global Certifications
- Certified to ATEX / IECEx in a single part number.
- Globally Certified X Purge Indicators and Accessories

### Classifications
- ATEX & IECEx
  - II 2 G Ex e mb ib [px] IIC T4
  - II 2 D Ex ID A21 IP66 T119°C

- Ambient Temperature Range:
  - +65°C (+150°F) Max.
  - −40°C (−40°F) Min.

### Start Here

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<th>8</th>
<th>626/1</th>
<th>E</th>
<th>X</th>
<th>M</th>
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<td>626/1</td>
<td>Protection Method</td>
<td>Type of Purge</td>
<td>Size of Enclosure</td>
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<td>8</td>
<td>Gas</td>
<td></td>
<td>= Housing Mounted on enclosure</td>
<td>X = X-Purge</td>
<td>S = Up to 15 Cubic Feet</td>
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<tr>
<td></td>
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<td></td>
<td>M = Externally Mounted Housing</td>
<td></td>
<td>M = Up to 75 Cubic Feet</td>
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<td></td>
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<td></td>
<td>L = Up to 200 Cubic Feet</td>
</tr>
</tbody>
</table>

PurgEx X-Purge Controller (E)
- Integral Exhaust Vent Standard. No need to order and assemble accessory vent enclosure with a volume up to 15 cubic feet.
- 316 Stainless Steel 115 VAC up to 25 amps or 230VAC up to 12.5 Amps.
- Rugged, visual LED indicator for local monitoring is supplied as standard.
PurgEx™ 8626 Sheet Steel X Purge Controllers

CUSTOM CONFIGURATION LOGIC

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<th>Voltage</th>
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<th>Exhaust Vent Mounting</th>
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<tr>
<td>3</td>
<td>S = 316 Stainless</td>
<td>O = Contact open on alarm (standard)</td>
<td>T = Continuous Purge Inlet Purge Inlet</td>
<td>S = Side</td>
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<tr>
<td>4</td>
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<td>X = Contact closed on alarm (option)</td>
<td>P = Manual Leakage Compensation Purge Inlet</td>
<td>T = Top</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>A = Automatic Leakage Compensation</td>
<td>O = None (will order separately, or 15 cubic feet or smaller)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>N = No Inlet Kit (Must be ordered separately. See pages G9-G13 for details on dimensions)</td>
<td></td>
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</table>

PurgEx
External Mount (M)
Vent Included
GENERAL SPECIFICATIONS

Operating Temperature
-40°F to 150°F (-40°C to 65°C)

Purge Pressure Lower Limit:
0.50 inches H2O (1.25 mbar) Purge Controller will disconnect power to protected enclosure electronics.

Enclosure
14 gage 316 stainless steel, 11.00 lbs. (5.00 kg), NEMA 4X, (IP66).

Power Control Capability
115 VAC up to 25 Amps RMS continuous over specified voltage ranges.
230 VAC up to 12.5 Amps RMS continuous over specified voltage ranges.

Power Input / Consumption
0.5 Watts max.

Voltage:
115 VAC model (85 VAC to 160 VAC), 47 to 63 Hz
230 VAC model (130 VAC to 265 VAC), 47 to 63 HZ

Dry Contact Outputs & Rating
1. Enclosure purge pressure is below 0.50 inches H2O (1.25 mbar).
2. Enclosure exhaust flow has stopped.
3. Purge Controller is in maintenance mode.
   Contacts open on alarm (standard).
   Contacts closed on alarm (optional).
   All rated to 265 Volts AC/DC, 150mA max.

Standard Hardware
All stainless steel mounting hardware, gasket, and CD with all required documentation

Hazardous Area Approvals
ATEX and IECEx
II 2 G EX e mb ib [px] IIC T4 “for Zone 1 gas hazardous areas”
II 2 D EX tD A21 IP66 T119˚C “for Zone 1 dust hazardous areas”

Certified to an Ambient Temperature Range of -40°F (-40°C) ≤ Tamb ≤ +150°F (+65°C)

CE Marked
PurgEx™ 8626 X Purge Controllers

DIMENSIONAL INFORMATION

FRONT VIEW

X - PurgEx Controller

WARNING

0575

II 2 G Ex e mb [px] IIC T4 Gb

II 2 D Ex tD [px] A21 T119°C IP66 Db

TO BE NON-HAZARDOUS.

DRY CONTACT RATING = 265 AC/DC, 150 mA

_____ 115 VAC, 50/60 Hz, 25 Amps

_____ 230 VAC, 50/60 Hz, 12.5 Amps

Serial No.______________________

PANEL OPENING

ENCLOSURE 3 PRESSURE

ENCLOSURE 2 PRESSURE

ENCLOSURE 1 PRESSURE

ENCLOSURE 3 EXHAUST

ENCLOSURE 2 EXHAUST

ENCLOSURE 1 EXHAUST

0.25 (6.4)Ø O.D. TUBE

COMPRESS FITTING

TYP. 6 PLACES

0.28 (7.1) TYP. 4 PLACES

10.38 (263.7)

10.70 (271.8)

9.00 (228.6)

6.50 (165.1)

1.17 (29.7) TYP. 3 PLACES

1.92 (48.8) TYP. 3 PLACES

1.17 (29.7) TYP. 3 PLACES

1.50 (38.1)

2.50 (63.5)

1.50 (38.1)

2.50 (63.5)

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Continuous Dilution Purge Gas Inlet Kits

Size Information

<table>
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<th>Size</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
<th>Purge Gas Inlet Size</th>
<th>Enclosure Volume</th>
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</thead>
<tbody>
<tr>
<td>Small</td>
<td>5.15 (130.8)</td>
<td>4.44 (112.8)</td>
<td>4.00 (101.6)</td>
<td>1/4 - 18 FNPT</td>
<td>Up to 15 Cubic Feet</td>
</tr>
<tr>
<td>Medium</td>
<td>6.19 (157.2)</td>
<td>4.68 (118.9)</td>
<td>4.23 (107.4)</td>
<td>3/8 - 18 FNPT</td>
<td>Up to 75 Cubic Feet</td>
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<tr>
<td>Large</td>
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<td>1/2 - 14 FNPT</td>
<td>Up to 200 Cubic Feet</td>
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Ordering Information

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<tr>
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<th>Catalog Number</th>
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### Size Information

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<th>B (mm)</th>
<th>C (mm)</th>
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<th>Enclosure Volume</th>
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<tbody>
<tr>
<td>Small</td>
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<td>1/4 - 18 FNPT</td>
<td>Up to 15 Cubic Feet</td>
</tr>
<tr>
<td>Medium</td>
<td>6.19 (157.2)</td>
<td>4.68 (118.9)</td>
<td>4.23 (107.4)</td>
<td>3/8 - 18 FNPT</td>
<td>Up to 75 Cubic Feet</td>
</tr>
<tr>
<td>Large</td>
<td>6.19 (157.2)</td>
<td>4.68 (118.9)</td>
<td>4.23 (107.4)</td>
<td>1/2 - 14 FNPT</td>
<td>Up to 200 Cubic Feet</td>
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### Ordering Information

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# Automatic Leakage Compensation Purge
## Gas Inlet Kits

## Size Information

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<th>C (mm)</th>
<th>D (mm)</th>
<th>E (mm)</th>
<th>F (mm)</th>
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<th>Enclosure Volume</th>
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<tr>
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<td>4.44 (112.8)</td>
<td>3.28 (83.3)</td>
<td>4.95 (125.7)</td>
<td>2.53 (64.3)</td>
<td>3.31 (84.1)</td>
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<td>Up to 15 Cubic Feet *</td>
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<tr>
<td>Medium</td>
<td>4.89 (124.2)</td>
<td>4.68 (118.9)</td>
<td>3.84 (97.5)</td>
<td>4.31 (109.5)</td>
<td>2.75 (69.8)</td>
<td>3.93 (99.8)</td>
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<td>4.68 (118.9)</td>
<td>3.84 (97.5)</td>
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<td>2.75 (69.8)</td>
<td>3.93 (99.8)</td>
<td>1/2 - 14 FNPT</td>
<td>Up to 200 Cubic Feet *</td>
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*X Purge Controllers Only

## Ordering Information

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<th>Enclosure Type</th>
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<td>Div 1</td>
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<td>230VAC</td>
<td>Zone 1</td>
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<td>115VAC</td>
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<td>Div 1</td>
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<td>Stainless</td>
<td>115VAC</td>
<td>Div 1</td>
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<td>230VAC</td>
<td>Zone 1</td>
<td>PSO-LALC-Z1S</td>
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# Back-Up Vents, Top Mount

**PURGE / PRESSURIZATION**

![Diagram of Back-Up Vents, Top Mount](image)

### Dimensions

<table>
<thead>
<tr>
<th>Size</th>
<th>Side</th>
<th>Dimensions</th>
</tr>
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<tbody>
<tr>
<td>Small</td>
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<tr>
<td></td>
<td>B</td>
<td>4.00 (101.6)</td>
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<tr>
<td>Medium</td>
<td>A</td>
<td>3.50 (88.9Ø)</td>
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<td></td>
<td>B</td>
<td>5.75 (146.1)</td>
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<tr>
<td>Large</td>
<td>A</td>
<td>5.12 (130.1Ø)</td>
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<td></td>
<td>B</td>
<td>7.62 (193.6)</td>
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### Catalog Numbers

<table>
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<tr>
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<td>PSO-MBUV-T</td>
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<tr>
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<td>PSO-LBUV-T</td>
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### Box Hole Size Required

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<tr>
<td>Medium</td>
<td>1.31Ø (33.3Ø)</td>
</tr>
<tr>
<td>Large</td>
<td>2.38Ø (60.5Ø)</td>
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</table>
Back-Up Vents, Side Mount

SIDE OUTSIDE WALL OF ENCLOSURE

SIDE INSIDE WALL OF ENCLOSURE

VENT ASSY.

90 DEGREE ELBOW
MALE x FEMALE

SEALING FITTING

<table>
<thead>
<tr>
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<tr>
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<tr>
<td>Medium</td>
<td>1.31Ø (33.3Ø)</td>
</tr>
<tr>
<td>Large</td>
<td>2.38Ø (60.5Ø)</td>
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</table>

<table>
<thead>
<tr>
<th>Size</th>
<th>Side</th>
<th>Dimensions</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>2.50 (63.5)</td>
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<td></td>
<td>B</td>
<td>5.00 (127.0)</td>
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<td></td>
<td>C</td>
<td>-</td>
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<tr>
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<td></td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>4.28 (108.7)</td>
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<td>C</td>
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<table>
<thead>
<tr>
<th>Size</th>
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<tr>
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<td>PSO-MBUV-S</td>
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<tr>
<td>Large</td>
<td>PSO-LBUV-S</td>
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Top & Side Vent Mount Configurations

FOR EXTERNAL MOUNTED (N) AND (M) MODELS ONLY

EXPLOSION PROTECTION by R. STAHL 1-800-782-4357

PURGE / PRESSURIZATION

<table>
<thead>
<tr>
<th>Size</th>
<th>Top / Side</th>
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<td>DO-11114-B</td>
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<tr>
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<td>Side</td>
<td>DO-11129-A</td>
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Top Vent Mount Option

- 1/4 INCH TUBE x PIPE NIPPLE FITTING
- PIPE NIPPLE x STRAIGHT THREAD FITTING
- HEX NUT

Top Inside Wall of Enclosure

Top Outside Wall of Enclosure

Side Vent Mount Option

- 1/4 INCH TUBE x PIPE NIPPLE FITTING
- PIPE NIPPLE x STRAIGHT THREAD FITTING
- HEX NUT

Side Outside Wall of Enclosure

Side Inside Wall of Enclosure

Vent Mount Size

<table>
<thead>
<tr>
<th>Size</th>
<th>Box Hole Size Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>0.570 (14.480)</td>
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<tr>
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<td>1.310 (33.30)</td>
</tr>
<tr>
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<td>2.380 (60.50)</td>
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</tbody>
</table>

R. STAHL, Inc.
13259 N. Promenade Blvd
Stafford, TX 77477
Phone: 1-800-782-4357
www.rstahl.com

Literature Order: CY 042814