

Panel Mounting Gaskets and Essential Fittings to adapt all Universal Mount Model YZ Units

Kit Applications

Model PMGK Panel Mount Gasket Kits permit installation of Universal Mount Model YZ Units through a cutout in any surface or door of a protected enclosure. Installed in this manner, the unit becomes an integral part of the protected enclosure, rather than being mounted externally at a perpendicular angle.

Utilize these kits to boost aesthetic and ergonomic values of protected enclosures, minimize the overall foot-print of protected enclosures in confined spaces and minimize exposed mechanical surface areas of protected enclosures in clean rooms.

Kit Features

Model PMGK kits feature a unit mounting plate gasket and an enclosure pressure gauge gasket to provide a positive seal. They also include two bulkhead unions, an atmospheric pressure reference vent fitting and essential bulkhead labels.

Utilization Requirements

To utilize a Model PMGK on a universal mount pressurization or purging unit, an installer must perform a simple modification to reverse the locations of a tubing connector fitting and a vent fitting on the back of the enclosure pressure gauge.

The sealing gaskets must then be applied to the unit mounting plate and enclosure pressure gauge to form a seal resistant to rain and light wash down.

The protective gas supply and atmospheric reference bulkhead unions must then be installed through an external surface of the protected enclosure, which must then be connected to the unit with tubing to provide a suitable source of protective gas and a reference to atmospheric pressure. As an extra benefit, labels are supplied for both bulkhead unions to identify their purpose.

For more information, please see complete Conversion and Installation Details on Page 2.

Material Specifications

Unit Gasket: 1/8" Closed Cell Neoprene
 Gauge Gasket: Butyl Rubber
 Union Bodies & Ferrules: 316 Stainless Steel
 Union Fitting Nuts: Molybdenum disulfide coated 316 Stainless Steel
 Atmospheric Vent: 316 Stainless Steel Body
 304 Stainless Steel Element

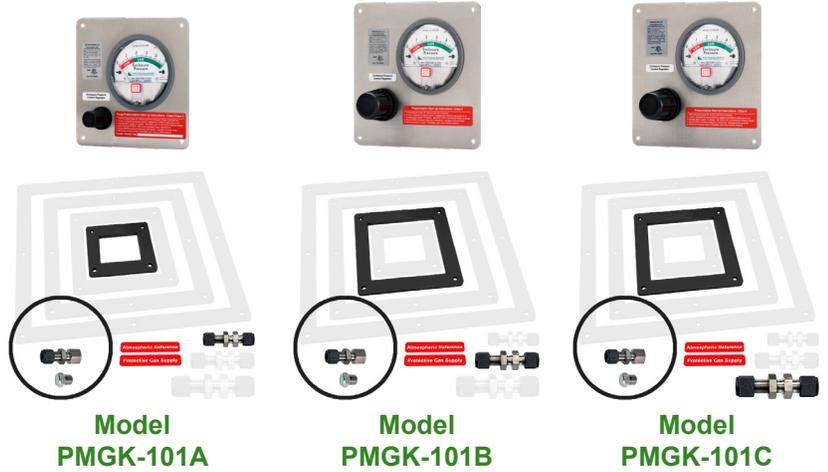


Model PMGK

Panel Mount Gasket Kits

Universal Mount Model YZ Unit Conversion Kits

Technical Bulletin PMGK TB-R0 08.10.2018



Each Model PMGK Kit Includes Essential Bulkhead Labels!

Atmospheric Reference

Protective Gas Supply



Six Unique PMGK Panel Mount Gasket Kits provide a total solution!

Each Model PMGK kit includes all necessary components to easily adapt a matching universal mount unit for sealed panel mounting through a protected enclosure surface cutout.



Best Purging Systems

Enclosure Purging & Pressurization Solutions

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Conversion & Installation Details

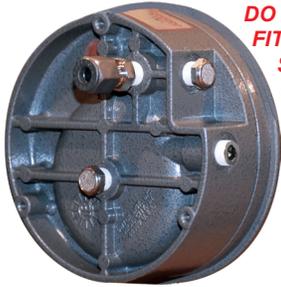
Step 1:

Carefully remove the enclosure pressure gauge from the unit and reverse or swap the positions of the tubing connector and vent fitting on the back of the enclosure gauge. Place the sealing gasket on the enclosure pressure gauge and carefully reinstall it, taking care to not over-torque the screws.

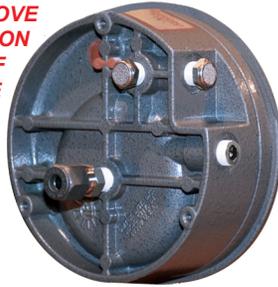


BEFORE

AFTER



**DO NOT MOVE
FITTINGS ON
SIDE OF
GAUGE**



Step 2:

Apply the unit mounting plate gasket to the rear surface of the unit.



**To Suitable
Source of
Protective
Gas**

**To Female
Bulkhead
Union &
Vent
Fitting**

Step 3:

Install the unit in the protected enclosure's cutout and install the bulkhead unions through the protected enclosure's external surface. Using rigid or flexible tubing, connect the unit regulator air supply fitting to a suitable protective gas source and connect the low port of the enclosure pressure gauge to the atmospheric pressure reference vent. Supplied labels may then be applied to properly identify the bulkheads.

Model Number Matrix

Typical Model Number: _____

PMGK - 101A

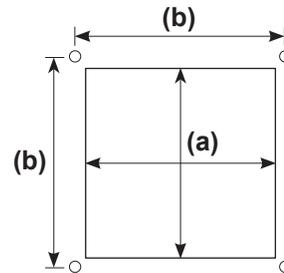
Model Series Number _____

Kit Size _____

- 101A** - Compatible with Model YZ101A
- 101B** - Compatible with Model YZ101B
- 101C** - Compatible with Model YZ101C
- 102** - Compatible with Model YZ102
- 103** - Compatible with Model YZ103
- 104** - Compatible with Model YZ104

Unit, Cutout & Bolt Hole Dimensions

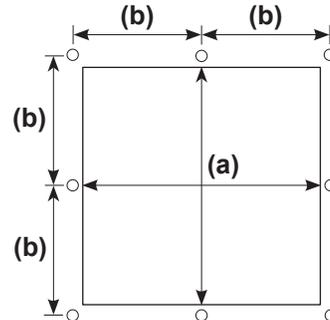
Models YZ101A, YZ101B & YZ101C



**Four (4)
0.25" Ø
Bolt Holes**

| Model | Unit Plate | Cutout (a) | Hole Centers (b) |
|--------|------------|------------|------------------|
| YZ101A | 8" x 8" | 6" x 6" | 7" |
| YZ101B | 9" x 9" | 7" x 7" | 8" |
| YZ101C | 9" x 9" | 7" x 7" | 8" |

Models YZ102, YZ103 & YZ104



**Eight (8)
0.25" Ø
Bolt Holes**

| Model | Unit Plate | Cutout (a) | Hole Centers (b) |
|-------|---------------|---------------|------------------|
| YZ102 | 12" x 12" | 10" x 10" | 5.5" |
| YZ103 | 12" x 12" | 10" x 10" | 5.5" |
| YZ104 | 14.5" x 14.5" | 12.5" x 12.5" | 6.75" |

IMPORTANT NOTES

1. A properly sized and installed Model RR Redundant Regulator or Model PV Purge Vent is strongly recommended when this kit is utilized to install Model YZ101A, YZ101B or YZ101C Units.
2. Tubing from the Enclosure Supply Fitting of Model YZ102, YZ103 & YZ104 Units should be internally routed to attain the maximum degree of cross ventilation from the Enclosure Purge Vent in complete accordance with NFPA 496 requirements.

This kit may be factory installed - please contact a sales associate for more information!

Specifications subject to change without notice, warranty & liability statements available upon request.