PK-7600-VAC-VENT
High Flow Vent Valve Kit
Vacuum Vent Valve Kit for PG7601/7607
INSTALLATION INSTRUCTIONS

FLUKE® Calibration

HIGH FLOW VENT VALVE KIT, P/N 401868, INCLUDES

QTY	PART NO	DESCRIPTION
1	103123	Tee, KF25
1	103125	Reducer, KF25 to KF16
1	103124	Vent Valve with KF10 flange
1	100352	Adaptive Centering Ring, KF16/KF10
2	101542	KF25 Centering Rings
2	102121	KF25 Clamps
1	102975	KF16 Clamp

TO INSTALL THE VENT VALVE KIT:

The high flow vacuum vent valve kit is installed between the KF25 vacuum port on the PG7601 and the vacuum isolation valve. It is intended to rapidly vent the vacuum from the bell jar. It replaces the more restrictive PG7600 Vacuum Relief Valve kit (P/N 401050).

❶ Assemble the hardware as shown in the figure below. The dashed lines indicate hardware included with the VA-7601-REF vacuum package and on the PG7601.

❷ Use the adaptive centering ring to seal the reducer with the vent valve. The KF16 clamp is used to secure the valve body (KF10 flange) to the reducer.

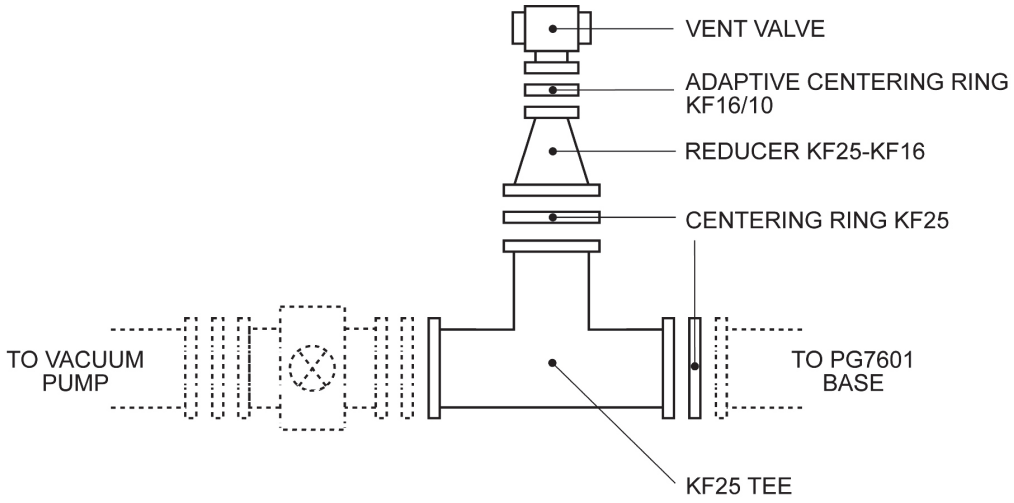
The adaptive centering ring is orientation specific. Make sure that it seats flush with both the reducer and the valve flange.

TO OPERATE THE VENT VALVE:

❶ To close the valve when establishing a vacuum under the bell jar, rotate the wing nut clockwise until it is tight.

❷ To open and release applied vacuum, start by slowly opening the valve to gradually expose the bell jar to atmospheric pressure. Do not release vacuum so quickly that vapor formation is observed under the bell jar.

It is not recommended to use vacuum grease on the valve body o-ring. If it gets dirty or appears to lose its seal: remove, clean with soap and water and re-install.



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