

**MEV250SRK
SEAL REPLACEMENT KIT
FOR: MEV250 EXTERNAL PRESSURE RELIEF VALVE**

!!!WARNING!!!

READ AND UNDERSTAND ALL INSTRUCTIONS INCLUDED WITH THIS REPAIR KIT.
ALL PRESSURE ADJUSTMENTS MUST BE MADE WITH VALVE IN A SUITABLE SAFETY /
CONTAINMENT CHAMBER.

PRESSURE RELIEF VALVES MAY "POP" SUDDENLY RELEASING A DANGEROUS
DISCHARGE OF AIR, WATER, NOISE, AND ENERGY.



WARNING: These products contain a chemical known to the state of California to cause cancer and birth defects or reproductive harm

EQUIPMENT:

All pressure readings **MUST** be made using a calibrated digital pressure gauge with a minimum resolution of 1 PSI and an accuracy of at least ± 2 PSI.

1. Tighten spring retainer until it is recessed approximately 1-1/2" to 1-3/4" below end of body.
2. Connect Relief valve assembly to an air source at 300 to 350 psi and open ("pop") valve once to equalize internal components.
3. Connect 2-1/2" NPT connector to MEV250 Adapter and place valve in fixture.
4. To increase set pressure, turn Spring Retainer clockwise; to decrease set pressure, turn counter-clockwise using adjustment fixture.
5. Gradually increase pressure to valve.
6. When first bubble comes out of 1/4" NPT port, note First-Bubble, or "F-B" pressure and increase pressure by up to 5 psi to fully unseat seal as indicated by "popping" or rapid bubbling.
7. Lower pressure at least 25 psi below F-B pressure to allow gasket to re-seat.
8. If F-B pressure is **NOT** within **required range** of:
 - **258 ± 2** psi (256 to 260) for a Relief Valve pressure rating of **250 psi, or:**
 - **274 ± 2** psi (272 to 276) for a Relief Valve pressure rating of **265 psi,**
then repeat steps "4" through "9".
9. Once F-B pressure is within required range, lower pressure to less than 10 psi and retest F-B pressure per steps "5" and "6".
10. If F-B pressure does not retest within required range, repeat steps "4" through "9".
11. Pressure adjustment is complete when two successive F-B readings are within required range.

UL Flow Ratings @ 20% Over Pressure	
PSI	Rating
250	10,333 SCFM
265	10,948 SCFM



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