

WEIGHT LOADED VENTS
Series Nos. 6240, 7800, 8540H, 8740, 16240,
17800 & 18540

Installation and Maintenance

INSTALLATION

If any questions arise concerning the proper installation of vents, please contact Protectoseal or one of our Authorized Representatives.

CAUTION:

When installing any Protectoseal venting device, the legal, corporate and advisory safety regulations and procedures appropriate for the specific installation site must be fully understood and followed.

- Note 1: Depending on the vent style, it will include removable covers, a formed weatherhood, or a combination of covers and hood. If the vent includes a weatherhood, the stem guide may be taped to the top of the hood to prevent damage during shipment. Install the guide in the tapped hole on top of the hood.
- Note 2: When pressure or vacuum weights (packed separately if heavy) are included with a unit, the weights should be inspected, properly identified and set aside for later installation. Weights will be stamped with a serial number matching the number on the vent, identification as pressure or vacuum weights, and a statement as to the contribution that each weight provides to the total pressure or vacuum setting.

PROCEDURE:

1. Loosen wing nuts and remove covers/weatherhood.
2. Withdraw pressure/vacuum pallet assemblies and remove protective cardboard and tape from each assembly.
3. Remove any protective flange covers.
4. Check carefully to insure that no packing materials remain on or inside the vent housings.
5. Mount the vent to the appropriate inlet and/or outlet flange using gaskets compatible with service conditions. Note: For some vent styles, threaded studs that mate with tapped holes in the vent housing flange are provided. For best performance, the vent should be mounted level so that the seating surfaces are no more than 1° off horizontal.
6. Reinstall pressure and/or vacuum pallet assemblies into their respective openings. Setting weights (if required) should be installed by engaging the hole in the weight on the appropriate pallet assembly stem.
7. Replace the covers and/or weatherhood. Note: Make sure that the pallet assembly stem positively engages the stem guide hole in the weatherhood or cover. Each pallet assembly must be free to move upwards, with the pallet stem traveling into the stem guide.
8. Replace wing nuts or nuts and tighten to secure covers/hoods in position.

MAINTENANCE

If any questions arise concerning the proper maintenance of vents, please contact Protectoseal or one of our Authorized Representatives.

CAUTION:

When maintaining any Protectoseal venting device, the legal, corporate and advisory safety regulations and procedures appropriate for the specific installation site must be fully understood and followed.

PROCEDURE:

9. Loosen wing nuts and remove covers/weatherhood.
10. Inspect the gasket on the covers. Replace if deteriorated or damaged.
11. Remove any loose dirt or foreign material from the housing interior and exterior.
Check inside the stem guide hole of the weatherhood and/or covers and remove any dirt or accumulation of foreign material from these holes.
12. Withdraw pressure/vacuum pallet assemblies and set aside for inspection. Note: identify any weights on the pressure/vacuum pallet assemblies for later reinstallation.
13. Inspect the screens that protect the pressure and vacuum ports. Clean or replace as necessary.
14. Inspect and clean the machined seating surfaces in the vent housings with a suitable cleaning fluid. Seats should be free of nicks, mars or accumulations of foreign material. Caution: Do not use a file or other sharp tool to clean seating surface.
15. Inspect the pallet assemblies. If pallets are deteriorated or bent, they must be replaced. Inspect the diaphragm material in the pallet assemblies. The diaphragms must be clean, flat and smooth. If the diaphragm material is deteriorated, it must be replaced. Make sure that all nuts and screws on the pallet assemblies are tightened securely.
16. Reinstall pressure and/or vacuum pallet assemblies into their respective openings. Setting weights (if required) should be reinstalled by engaging the hole in the weight on the appropriate pallet assembly stem.
17. Replace the covers and/or weatherhood and screens. Note: Make sure that the pallet assembly stem positively engages the stem guide hole in the weatherhood or cover. Each pallet assembly must be free to move upwards, with the pallet stem traveling into the stem guide.
18. Replace wing nuts or nuts and tighten to secure covers/hoods in position.