Clay & Bailey Mfg. Co.

Fact Sheet

100 YEARS C&B

A CENTURY'S WORTH OF INNOVATION

FOLLOW ALL INSTRUCTIONS
Warnings!

1. **Do not drop the emergency vent as this could damage the vent making it unable to operate properly.**
2. **Use all appropriate Personal Protective Equipment (PPE) while installing the vent.**
3. Any modification to the emergency vent that does not follow these installation instructions will void the product warranty.
4. This emergency vent is typically used with diesel and gasoline fuels.
5. Install in accordance with all applicable local, state, and federal laws and regulations.
6. For your safety, it is important to follow applicable local, state, federal and/or OSHA rules for working around storage tanks and piping area. Always use all required personal protective equipment.
7. The tank could be under pressure. Vapor could escape from tank piping, vents, valves, or fittings during installation and catch fire or cause an explosion. Do not use hot tools or open flame, eliminate sparks or any source of ignition when working on and around tanks.
8. Fill points shall be properly labeled to identify handled product according to all applicable codes.

Installation Instruction for Emergency Vents

1. Inspect the emergency vent upon removing from the packaging for any shipping damage. Do not drop the vent as this could damage the vent, preventing it from working properly and/or being installed correctly.
2. Determine the proper opening on the tank where the emergency vent is to be installed.
3. Inspect the threads on the tank connection and clean any grease, oil, dirt, etc. from the threads.
4. Apply fuel compatible thread sealant to the male threads on threaded members of the system (either vent or tank connection).
5. Thread the emergency vent onto the tank connection by hand tightening turning the vent clockwise.
6. Use a strap wrench and apply 1/2 to not more than 1 wrench makeup turn to tighten the emergency vent. **Be careful not to cross thread! Use a strap wrench only. Do not overtighten!**

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7. Due to variability of the thread form a tolerance of ±1/2 turn is allowed. **Overtightening may likely cause thread damage.**
8. Ensure that the emergency vent top is free to move.

Maintenance Instruction for Emergency Vents

1. Visually check daily for any obstruction on the top of the emergency vent that would prevent its operation. The emergency vent must be free of any obstruction to provide emergency relief venting, i.e. there should be nothing around or above the emergency vent.
2. Lift the cover of the vent with two hands spaced evenly across the lid while lifting with approximately equal force. Then lower the cover back down onto the base. Repeat this several times.
3. Replace the emergency vent if any binding, sticking or excessive resistance occurs during step 2.
4. Inspect the seal area and remove debris, snow or ice if any is found.
5. Inspect the O-ring/gasket for any damage such as scratches or cracks that would prevent proper seal. Lightly lubricate the O-ring/gasket with an O-ring lube.
6. Check the emergency vent for damage or corrosion. Check the O-ring/gasket for damage or signs of deterioration such as cracks, scratches and/or brittleness. If any is found, replace the emergency vent.

WARNING

This emergency vent needs to be checked for operation prior to installation. It needs to be inspected daily for obstructions. A quarterly and annual examination for structural integrity, operation, damage and deterioration by a person familiar with the operation of this vent is required. Please contact Clay & Bailey Mfg. Co., Kansas City, MO 1-800-821-6583 with further questions.