

CO₂ Component Description

Odorizer Assembly, P/N: 81-897600-000

Effective: November 2016
K-81-9161 Rev AE

FEATURES

- *UL Listed*
- *FM Approved*

ODORIZER ASSEMBLY

The odorizer assembly injects a scent of wintergreen into the carbon dioxide during a discharge. Upon discharge, the carbon dioxide pressure ruptures a burst disc to release the scent of wintergreen. This scent warns personnel in the vicinity of the area protected by the fire suppression system that carbon dioxide gas is present. An odorizer assembly is required for each USCG (marine) CO₂ system. Consult NPFA 12 (latest edition) for industrial system requirements.

INSTALL ODORIZER

Odorizer assemblies must be attached to the discharge piping in the upright position. The odorizer assembly requires approximately 9" of clearance. Odorizer assemblies connect to a 3/4" NPT fitting.



CAUTION

Odorizers may not be appropriate with some applications such as wet benches, food processing, or aluminum rolling mills, due to the risk of potential contamination. Always consult with the process manager prior to installing or testing an odorizer.

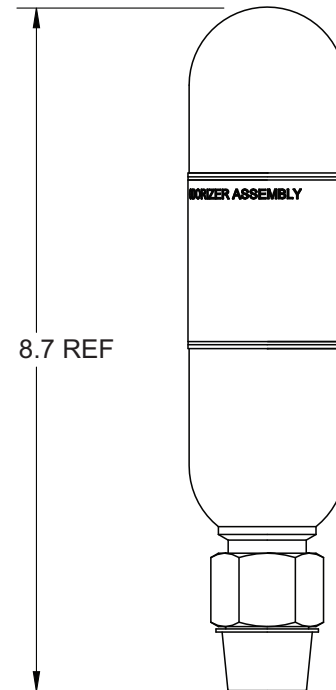
1. Install the 3/4" NPT fitting where the odorizer assembly will be located.
2. Screw the odorizer assembly to the 3/4" NPT fitting.



CAUTION

To prevent damaging the odorizer assembly during testing, it is recommended that the odorizer assembly not be installed until after system testing of the discharge piping is complete. For periodic maintenance after the system has been installed and in use, remove the odorizer assembly prior to any testing of the discharge piping.

- *United States Coast Guard Approved Equipment*



VERIFY ODORIZER ASSEMBLY

Every six months, verify the odorizer assembly has not discharged. Verify the odorizer assembly as follows:

1. Remove the odorizer assembly.
2. Check to make sure the burst disc is intact.
3. Reattach the odorizer assembly. If the burst disc has ruptured, replace the odorizer assembly.

POST FIRE MAINTENANCE

After a fire, replace all spent Odorizer Assemblies.

ORDER INFORMATION

Part No.	Description
81-897600-000	Odorizer Assembly

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