

Service Bulletin

800-551-8633

318-865-1711

WWW.FRYMASTER.COM

EMAIL: FRYSERVICE@FRYMASTER.COM

This bulletin addresses the correct system requirements for using bulk waste oil disposal systems.

Subject: Bulk Waste Oil System Requirements

Models: Frymaster/Dean Fryers

7/7/2026

Ensure the proper requirements are followed when installing bulk oil waste systems to Frymaster/Dean fryers for proper operation.

Ensure that the fryer has a 20lb-psi check valve bypass installed.

A 20lb psi check valve is used to prevent a filter pump from deadheading. A pressure of 20lb-psi or higher when the fryer pump is pumping to a bulk oil waste oil system may cause the check valve to open and return the oil to the filter pan. On fryers with 8gpm pumps, the check valve may open briefly each time it starts disposing to prevent the tripping the overload on the filter pump motor.

If the check valve is opening up at less than 20lb-psi, the incorrect valve may be installed, or the valve may not be functioning correctly.

When installing a bulk oil waste oil system ensure that the maximum total distance of the entire plumbing from the fryer to the dispose tank should not exceed 102 feet (31 meters).

The maximum horizontal length should be no longer than 90 feet (27 meters) (and the maximum vertical height should not exceed 12 feet (3.5 meters). The dispose plumbing pipe/hose diameter should be no smaller than ¾" (19mm).