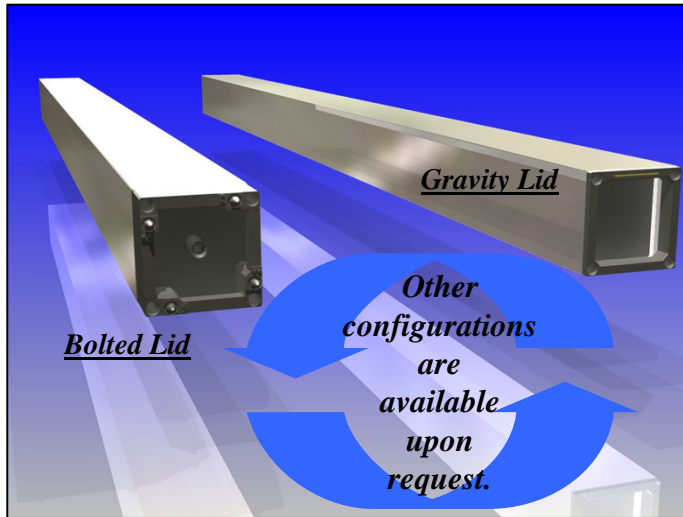


MASTER-LEE ENGINEERED PRODUCTS

The Master-Lee Engineered Products Debris Canisters are approximately the same size as a standard fuel assembly, any fuel assembly configuration gripper or grappling device can be provided. (PWR, B&W, BWR and CE Design Debris Canisters)



A gravity swing gate is installed under the top nozzle that will automatically close when in the horizontal position and remains open when vertical. A bolted lid also can be utilized on top for storage of highly radioactive products that requires secured methods of storage. The **Debris Canister** is constructed of 16 gage 304 stainless steel sheet metal offering corrosion resistance and strength for structural and design application. The canister has no internal ribs. Items such as filter cartridges, filter bags, BPRA, RCCA, ICI / Flux Thimbles or fuel rod-lets, and other debris can be easily inserted without snagging on the canister.

The top of the canister replicates the top nozzle of a fuel assembly to accommodate movement with a standard fuel handling systems and or with specialized mast sections for storage in designated locations (Storage Stand, SFP). This arrangement gives an open region at the top of the **Debris Canister** when attaching the canister in the same method as a fuel assembly.

Flow holes are provided at the bottom of the canister to allow water ingress and egress if the canister is to be shipped full of debris or if it is to be cleaned. The canister weighs approximately 80 pounds. The canisters' 11,000 cubic inch volume holds 1,500 pounds of debris

Required tooling for maintenance activities and or contingency efforts. The Bolted Lid System should consist of the following items:

- (1) Bolted Lid Style Debris Canister
- (1) Bolted Lid Handling / Installation Tool
- (3) 10ft J-Lock Center Mast Sections
- (1) 5ft J-Lock Lifting Bail Section
- (1) 5ft J-Lock Center Mast Section



DEBRIS
CANISTERS

