

LABCONCO

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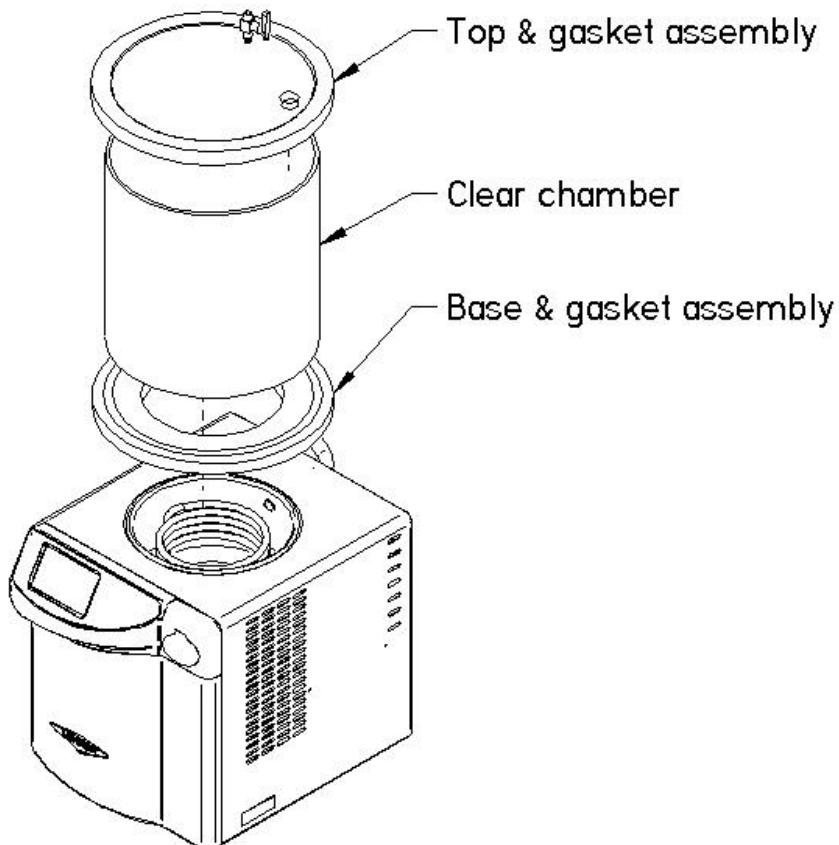
Labconco Clear Drying Chamber **7318700**
 7318702

Introduction

Labconco Clear Drying chambers are designed for laboratory lyophilization procedures. They provide a means to freeze dry large samples and observe them throughout the lyophilization process. The chamber attaches to any Labconco FreeZone Freeze Dryer (except 4.5L Benchtop models with built-in drying chamber).

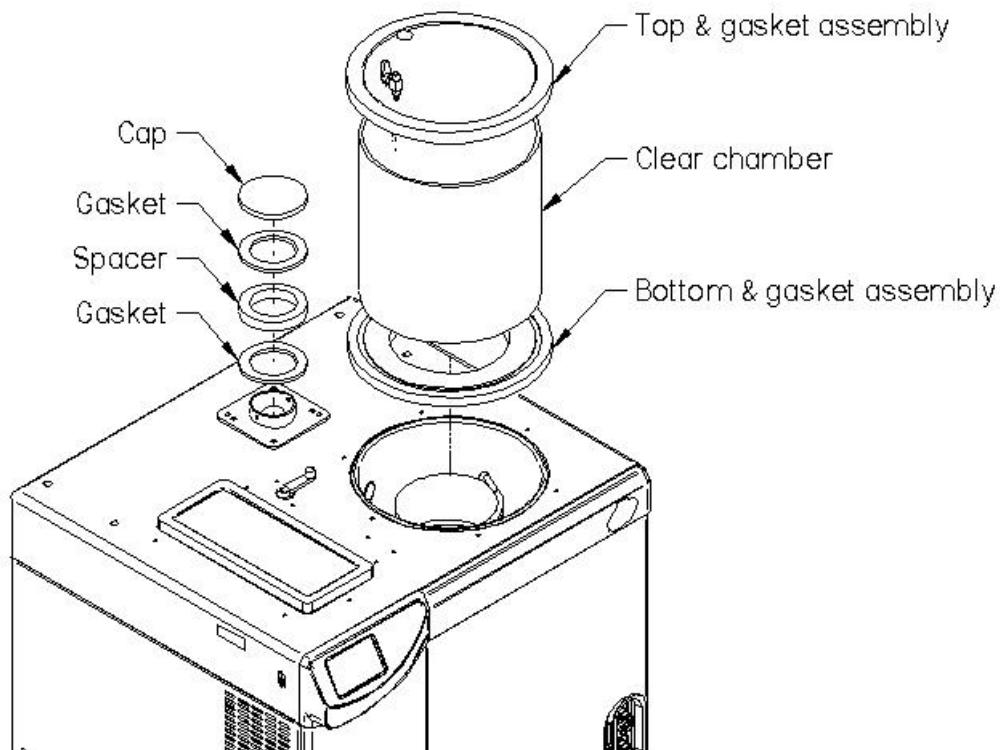
Installation on FreeZone® Benchtop Freeze Dryer

1. Remove the collector chamber lid that was received with the Freeze Dryer and replace it with the base and gasket assembly supplied with the chamber.
2. Place the clear chamber on top of the base and gasket assembly.
3. Place the top with gasket assembly on top of the chamber.



Installation on FreeZone Console Freeze Dryer

1. Remove the collector chamber lid that was received with the Freeze Dryer and replace it with the base and gasket assembly supplied with the chamber.
2. Place the clear chamber on top of the base and gasket assembly.
3. Place the top with gasket assembly on top of the chamber.
4. On the rear 3" port, place one gasket, spacer, gasket and cap to seal off the port.



Freeze Drying Bulk Samples

1. Pre-freeze samples.
2. Turn on the refrigeration system on the freeze dryer and allow it to come to operating temperature.
3. Place the pre-frozen samples inside the clear chamber, then place the top onto the chamber. Make sure the vent valve is closed.
4. Turn on the vacuum pump.
5. To remove the samples after drying is complete, open the vent valve on top. Turn off the vacuum pump. When the vacuum bleeds from the chamber, the top may be removed.

Routine Maintenance

Perform the following procedures after each use:

1. Clean the chamber thoroughly, paying particular attention to product spills. Use a soft cloth or paper towel with a mild, non-abrasive soap or detergent. Do not use organic solvents or window cleaners on acrylic parts. These cleaners will craze acrylic.
2. Check all rubber seals and gaskets for deterioration. The effective life of rubber parts is dependent upon their usage and the surrounding environment. Replace as necessary.

Decontamination

When freeze drying biological substances, it is often necessary to decontaminate the system. A surface decontaminant should be used to clean the accessible surfaces. The use of ethylene oxide is not recommended because of its hazardous and corrosive nature. Be sure the decontaminant used are compatible with acrylic and will not craze the surface.

Replacement Parts

Item No.	Chamber Assembly		Description
	7318700	7318702	
1	7957802	7957802	Lid
2	7742800	7742800	Spacer
3	7690800	7690800	Lid Gasket
4	7641800	7641800	Cap
5	7607300	7607300	3" Port Gasket
6	7439601	7439601	Top Base Gasket
7	7319300	-	Tall Clear Chamber
7	-	7392703	Short Clear Chamber
8	7392212	7392212	Base
9	7375700	7375700	Bottom Base Gaskets
10	1666500	1666500	Stopper

