

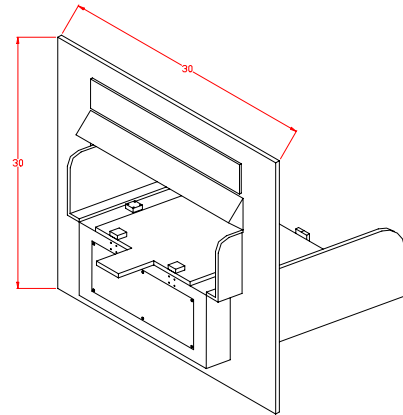
Adjustable Shipping Chute (Through Wall Application) CRL Part # SC-R



At left – A standard Through Wall Shipping Chute to move animals from a barrier room to a sterilized shipping container eliminating possible cross contamination. This unit is supplied with spacers to facilitate the use of three different size containers and a dust cover to protect the container insertion area when not in use.

At right –Dimensions:

Height:	30 inches
Length:	30 inches
Width:	21 inches
Weight:	63 lbs



Adjustable Through Wall Shipping Chute
CRL Part # SC-R



Adjustable Shipping Chute (Through Wall Application)



This device is designed to interface with Charles River shipping containers. It is designed to be mounted in a wall and to separate a barrier room, receiving area, or other controlled space from an adjoining space in a manner that allows shipping containers to be packed or unloaded without compromising the microbiological integrity of the space. This device is most commonly used in a shipping process in conjunction with containers that have been disinfected by the UV shipping container disinfection system. The device is designed to be mounted in a wall opening using a plastic or metal plate in an area equivalent to a double-hung exterior window. A clear viewing port is located in the upper part of the device so that operators on both sides of the device can view each other. Commonly, a telephone or other intercom devices is used to allow verbal communication during the process of using the chute.

Shipping containers are placed into the chute, and as they are placed in the chute, the lid to the container moves upwards into an internal space where its interior surfaces can be protected from contamination. The rest of the body of the shipping container slides forward and is stopped by a clear plastic viewing window allowing any shipping information on the front of the crate to be seen from inside of the room. A series of inserts allow varying types of shipping containers to be placed within the device. A special optional chuck is also available to interface with small plastic disposable microisolation type caging (GnotoSafe™ shipping crates) that is commonly used to ship immunologically deficient or transgenic animals.

The shipping chute is constructed in such a way that the container can be accessed from a clear plastic lid that opens inside the barrier room or other controlled space. This lid when not in use is held in place firmly against the gasket using a series of four clamps that can be manipulated by finger pressure. When the door/lid of the device is opened, only the interior surfaces are accessible to personnel in the barrier room. The external surfaces of the shipping container are not accessible and hence contaminants cannot pass into the controlled space from the external surfaces of the container. Animals can either be loaded into the shipping container or conversely removed from the shipping container should stocking of a barrier room, receipt of animals, or movement of animals into another controlled space using this device be required. A latch on the lid allows the lid to be held open while several animals are placed within the shipping container. The device is angled slightly backwards into the non-barrier room area. Filtered covered ventilation openings in the shipping containers allow light from the packing/receiving room to provide additional internal illumination of the container. Food and bedding can be added from the barrier room side of the process. If the barrier room is under positive pressure to the packing/receiving room, air will flow out through the filter in the shipping container. Conversely, any alterations in the air supply will be safeguarded by the filters on the shipping containers.

The device is made of plastic components which can easily be cleaned and disinfected on a regular basis. Servicing of the device can be accomplished with a single screw driver. The door to the device is normally left closed when not in operation and clamped in place. An exterior cover to the device is also supplied to prevent any debris accumulation on the loading side of the device (non-barrier room) when not in operation.

At right – Dimensions:

Height: 30 inches
Length: 30 inches
Width: 21 inches

