

U.V. Shipping Container Disinfection System

CRL Part # UVSC

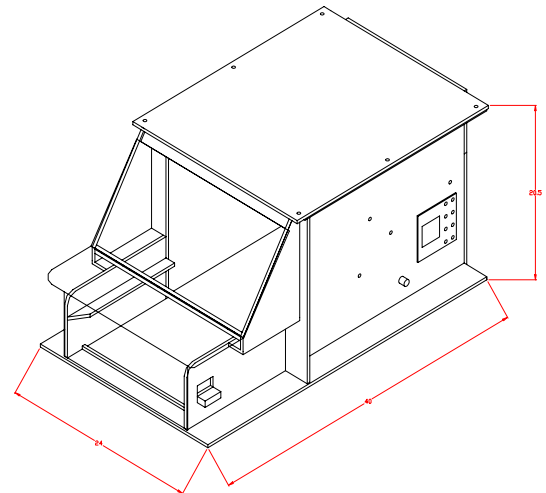


At left – The U.V. Shipping Container Disinfection System is designed to disinfect cardboard rodent shipping containers using high intensity ultraviolet light. The device contains several inserts allowing shipping containers of varying heights to be disinfected.

NOT
Only Charles River Lab's shipping containers are compatible with this system

At right – Dimensions:

Height: 20.5 inches
Length: 24 inches
Width: 40 inches
Weight: 75 lbs



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U.V. Shipping Container Disinfection System



This unit is designed to disinfect cardboard rodent shipping containers using high intensity ultraviolet light. The device which requires a source of 60 psi air and 110 volt 60 cycle electric current disinfects the inside of Charles River Laboratories shipping containers in less than 20 seconds. The device contains several inserts allowing shipping containers of different heights to be disinfected using the same system. Only Charles River Laboratories shipping containers are compatible with the device.

To operate the device, a safety shield is lifted on the front of the device and the shipping container is inserted such that the lid of the container is flipped upwards inside of the device as the base of the container precedes forward into the interior of the device. Once the container is in place, the clear safety shield is brought down which initiates the disinfection process. A light bar containing nine ultraviolet tubes is lowered into the container into a position such that when the UV lights are turned on, high intensity UV radiation strikes all of the interior surfaces of the shipping container. After an appropriate interval of exposure, the light bar then automatically retracts and the lights are turned off at which time a ready light goes on allowing the safety shield to be brought up and the shipping container to be removed in a manner that the lid is closed during removal keeping the interior surfaces of the container disinfected.

Located on the side of the device is a time-in-use meter as well as a series of lamp function indicators. The time-in-use meter allows regular assessment and replacement of the UV bulbs to be undertaken. The lamp function indicator lights show at a glance if all of the ultraviolet tubes are functioning.

The device itself is constructed of plastic and designed for ready cleaning.

At right – Dimensions:

Height: 20.5 inches
Length: 24 inches
Width: 40 inches

