



L&R Manufacturing Company

577 Elm Street, P.O. Box 607, Kearny, New Jersey 07032-0607 USA

Phone: 201-991-5330, Fax: 201-991-5870

E-mail: info@LRultrasonics.com, www.LRultrasonics.com

WINDOW BLINDS AND LIGHT LENSES/DIFFUSERS

Many large office buildings and commercial establishments contain possibly thousands of windows, blinds and florescent light lenses that require cleaning due to build-up of airborne contaminants such as dust, smoke, etc. They require frequent cleaning which can only be accomplished efficiently by using the L&R Ultrasonic Blind Cleaning System. Simply-

1. After the system is set up, fill the stainless steel tank approximately 1/3 full with warm water. Add 1/2 to 1-1/2 ozs. L&R Ultrasonic Blind Cleaner concentrate for each gallon of water in the cleaning tank (approximately 3 -1/3 gallons of water per inch), depending on the degree of contamination on the surfaces to be cleaned.
2. Run the unit for approximately 10 minutes, allowing trapped gases (air) to escape from the solution. This degassing is necessary only on initial changes of solution and if air is introduced into the cleaning tank.
3. We have found that placing the blind into the ultrasonic tank in the fully extended position will help insure the most even and efficient cleaning by exposing the maximum surface of the blind to the cleaning solution and ultrasonic action.
4. Cleaning time is relative to the condition of the blinds and can be from 1 minute to 3 minutes; longer in extreme cases.
5. In areas with hard water, the use of water softener or a water softening unit should be used in both the clean and rinse tank to reduce the chances of "spotting" on the blind. Hard water will tend to reduce the cleanability of the solution and in the rinse tank, reduce the sheeting action of the water, thereby, increasing the possibility of water spotting on the blind.

Note: In some cases, small amounts of non-chlorine bleach can be added to the ultrasonic cleaning solution to help improve cleaning where staining has occurred.

APPLICATION BULLETIN #58



L&R Manufacturing Company
577 Elm Street, P.O. Box 607, Kearny, New Jersey 07032-0607 USA
Phone: 201-991-5330, Fax: 201-991-5870
E-mail: info@LRultrasonics.com, www.LRultrasonics.com

WINDOW BLINDS AND LIGHT LENSES/DIFFUSERS

The use of chlorine (Chlorox-type) bleach is NOT RECOMMENDED, as chlorine is known to attack stainless steel over a period of time.

6. After cleaning, the blind is removed from the cleaning tank and allowed to drain to minimize the carry over of solution into the rinsing tank.
7. When drained, place the blind into the rinse tank and using either the power wand or air sparse tube, rinse the blind. After rinsing, remove the blind and hang, preferably upside down, to dry.
8. The cleaning life of the solution is based on two factors:
 - a. The amount of contamination on the blinds.
 - b. The amount of particulate matter settling to the bottom of the tank. If excessive particulate matter settles on the transducer surface (bottom of the tank), the efficiency of the ultrasonics is reduced. This can be minimized by the use of a recirculating filtration system.

A simple rule-of-thumb on changing the cleaning solution is, when the cleaning time necessary increases and the degree of cleaning decreases, the solution should be changed.

Note: The cleaning of items such as light lenses, air conditioning vents, and other items can be accomplished using the same solution and procedures as above.

EQUIPMENT NEEDED:

Machines, Accessories*: Ultrasonic Blind Cleaning System.

Solution: Ultrasonic Blind Cleaner Concentrate (Product Code 044).

*Recommended Ultrasonic Cleaning System varies as to internal tank dimensions and volume of required cleaning.

APPLICATION BULLETIN #58