

White-Rodgers Electronic Air Cleaner Washing Instructions For Collecting Cells and Pre-Filters

The following are general washing instructions for Electronic Air Cleaner cells and woven wire pre-filters. See note at bottom of page about automatic dishwashers.

- 1 Immerse the collecting cells in a solution of warm water (140-145 degrees F.) and liquid low sudsing detergent. Avoid using powdered detergent, dishwashing liquid, caustic or acid based cleaners. Several customers have reported good results using Wisk laundry detergent. Permit the cells and pre-filters to soak for approximately 30 minutes. If a coating or heavy dirt/dust is still present, extend the soaking time to 60 minutes.
- 2 Use a soft damp cloth to wipe each ionizing wire and remove any coating. Pinch the cloth and wire between your thumb and forefinger and wipe the entire length of the wire several times. Rinse cloth frequently. Exercise caution around sharp edges.
- 3 Remove the cells from detergent solution and rinse thoroughly with clean warm water.
- 4 After washing the cells, slosh the pre-filters gently through the detergent solution to loosen the larger particles they collect. Rinse thoroughly with clean warm water.
- 5 Permit the cells and pre-filters to drip-dry for a minimum of two hours. Tip the cells at a slight angle to let the water run off. Also avoid standing the cells on end or water will pool in the insulators and increase the drying time required.
- 6 After drying, re-insert the collecting and cells pre-filters. Make sure the air flow markers on the collecting cells correspond with the air flow through the unit. Note: the arrows should point toward the blower motor or air handler.
- 7 When the air cleaner is turned back on, an occasional arc or snapping noise is normal. During this initial activation period the operating indicator may flicker or remain off. If the arcing or snapping seems excessive or the light remains off, turn the air cleaner off and allow additional drying time. To facilitate drying duct mounted air cleaners turn the furnace blower motor or air handler on and leave the air cleaner off for another hour. The airflow will speed the drying process.

Your electronic air cleaner is designed to operate efficiently when a regular cleaning and maintenance schedule is followed. Excessive arcing of the cells may indicate the need for cleaning. In most residential applications, cleaning once every 1-3 months is normal.

Note: Some Electronic Air Cleaner manufacturers may recommend washing cells in an automatic dishwasher. We prefer the method outlined above because:

- Some automatic dishwashers have rotating parts (internally) that may damage or bend the collecting cell.
- The fingers on the interior dishwasher rack do not always accommodate the cell and may bend the cell plates.
- Some drying agents used in automatic dishwashers may cause a film to build up on the cells and reduce cleaning efficiency.
- The dirt and material removed by air cleaners can be very small and stain some plastic dishwasher interiors.