

AFG Customer Technical Services



An AGC Company

Washing and Washer Maintenance for SPOTLESS Ti™

Daily Maintenance

- Wash tank should be drained, vacuumed, and rinsed **daily** to avoid sludge build up.
- Inspect rolls in rinse and drying sections for contaminants and clean as needed
- Wipe take off section rolls clean daily
- Remove any debris from drain screens

Weekly Maintenance

- Inspect sprocket and chain adjustment
- Inspect and grease bearings as needed
- Inspect rolls for damage and repair/replace
- Inspect/clean air knives
- Inspect pumps
- Inspect drive belts
- Inspect water lines for flow
- Inspect spray tubes
- Change blower filters
- Inspect brushes - adjust or replace as needed
- Inspect control panel, conduit, plugs, receptacles and heating elements
- Flush wash and rinse tanks (circulation of a strong detergent in the washer for several hours is desirable)
- Check all rubber and metal curtains for mineral build-up or contact with the top surface of the glass

Monthly Maintenance

- Steam clean washer a minimum of once per month (pay special attention to areas that can hold water allowing it to stagnate or collect contaminants)
- Clean wash and rinse spray tubes
- Clean air knife slots (it may be necessary to grind off mineral deposits)
- **Do Not** use direct high pressure spray on brushes as permanent deformation may result



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General Notes – Washing and Washer Maintenance for SPOTLESS Ti™

- Wash water temperature must be **120°F to 130°F** minimum (do not exceed 160°F for **soft coat** low-e glass).
- To reduce scratch potential, a pre-rinse is helpful in removing debris prior to the glass entering the washer.
- Washers should be equipped with **low-e brushes**. Brush bristles should be 0.008" to 0.010" in diameter and crimped. Proper brush adjustment is important; otherwise damage to the low-e coating may result. Consult washer or brush manufacturer for adjustment recommendations for washing soft coat low-e glass. If no recommendations are available, brushes should initially be adjusted so bristles are 1/32" below/above the glass surface. Check low-e coating for signs of damage after any adjustment.
- Pinch rolls should make only slight contact with the glass.
- Always run low-e coated side up.
- Use a good detergent in the recommended concentration.
- Soft coat low-e should be washed with a soap/water concentration that is as close to neutral as possible. Wash water should never be allowed to go acidic when processing soft coat.
- Insure an adequate flow of water to the brushes and rinse (1 GPM per foot of brushes if line speed is 10 FPM or less, more water is needed if line speed is increased or glass requires special cleaning)
- Continuously overflowing the wash and especially the rinse tanks into the overflow pipe is a good practice to help assure clean water.
- When running small lites in a large washer it is good to alternate where the glass is running in the washer to even out brush wear
- Brushes should be replaced/trimmed when wear makes adjustment difficult, especially in the center
- Never allow glass to stop in the washer especially under rotating brushes as marking can occur.
- **De-ionized water** should be used in the rinse section of your washer to assure a clean, residue free glass surface.



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