

AFG CUSTOMER TECHNICAL SERVICES

WASHING AND WASHER MAINTENANCE

DAILY MAINTENANCE

- ◆ Wash tank should be drained, vacuumed, and rinsed **daily** to avoid sludge build up.
- ◆ Inspect rolls in rinse and drying sections for contaminates 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 contaminates)
- ◆ Clean wash and rinse spray tubes
- ◆ Clean air knife slots (it may be necessary to grind off mineral deposits)

GENERAL NOTES

- ◆ Wash water temperature must be **120 to 130EF** (do not exceed 140EF for **soft coat** low-e glass)
- ◆ Brushes should be set so bristles are 1/32" below/above the glass surface (except when washing **soft coat** low-e glass, consult washer or brush manufacturer for recommendations for washing soft coat low-e glass)
- ◆ Washers should be equipped with **low-e brushes** when washing soft coat low-e glass, however regular brushes are okay for hard coat low-e
- ◆ 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
- ◆ 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 wash 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
- ◆ When washing pyrolitically coated low emissivity glass a ph of 7+ is desirable for the soap/water concentration in the wash tank. Soft coat 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
- ◆ De-ionized water in the non-recycling rinse section of your washer is advantageous in assuring a clean, residue-free glass surface