

- ☐ Check the interior of the machine and remove any foreign material.
- ☐ Check the scrap screens, drain strainer, and pump intake screen – make sure that they are installed and positioned properly.
- ☐ Check the level of the machine
- ☐ Turn the main power ON at the breaker panel or fused disconnect switch.
- ☐ Ensure the cold water line is turned on
- ☐ Ensure the Drain Water tempering valve is installed and connected to a cold water line
- ☐ Ensure the Detergent line is connected to the machine and is properly seated in a jug of detergent
 - The detergent should be a one gallon jug of Kay QSR, yellow in color
 - Prime the detergent if necessary
- ☐ Ensure the Rinse Aid line is connected
 - The detergent should be a one gallon jug of blue/green rinse aid
 - Prime the rinse if necessary
- ☐ Press the Green Power Switch on the front of the Control Cabinet.
 - The power switch light will illuminate.
 - Drain valve will close.
 - The machine will begin to fill with water.
 - The Chick-Fil-A logo will appear
 - Touch the screen to move beyond the Chick-Fil-A start up screen
 - Verify power on the Knight detergent box, display will light up
 - Verify Detergent concentrations settings at 043 and alarm delay 035
- ☐ Allow the machine to completely fill with water.
 - The display will indicated “Filling” The water will shut off automatically and the heat will energize as soon as the lower float is made, indicating “Heating”
 - Check for proper water level. Water level should be just below overflow.
- ☐ Check for leaks and take corrective action if required.
 - Pumps, seals (check during operation and setting idle)
 - Valves
 - Tank Seams
 - Drains
 - Detergent and rinse aid dispensers
- ☐ Monitor the Temp Displays for the proper temperature readings.
 - Allow sufficient time for the wash tank heat to reach operating temperature. The machine will not operate until the wash tank temperature reaches a minimum of 150°F (approx. 15 min).
 - Enter the Maintenance mode and adjust the heat setting if necessary.
 - If not heating, check hi-limits at the front of the wash tank and on top of the booster.
- ☐ Close the doors fully, the wash cycle will begin automatically once a cycle is chosen. The display will begin a countdown mode.
 - The wash pump will start and run during wash cycle (if 480 V verify pump rotation, all other voltages use a single phase pump)
 - The detergent pump should operate for 3 seconds.
 - After wash cycle, the final rinse will begin and will rinse until end of cycle.
 - The machine will dwell for 15 seconds.
 - The machine will go into energy recovery for 30 seconds.
 - Must verify the operation of the condenser fan in the energy recovery mode.
 - Confirm voltage polarity if fan is not functional.
- ☐ Check door safety switch by opening door slowly; machine should shut down.

Chick Fil-A Start-up Form
DH5000T VHR

- ☐ Check the final rinse temperature during the final rinse cycle.
 - The final rinse temperature must be 180° - 195° F.
 - Enter the maintenance mode and adjust the rinse set points if necessary.
 - Check rinse arms for free rotation and final rinse nozzles for blockage (sediment), clean if necessary.
- ☐ Check the final rinse water pressure during the final rinse cycle.
 - The final rinse pressure must be 18-22 PSI flow pressure.
 - Adjust the pressure reducing valve setting, if necessary.
- ☐ Check the incoming water line strainer, clean if necessary. Run the machine through several cycles to assure proper cycle time and proper temperatures.
- ☐ Press the power switch on the control cabinet to turn off the machine
 - The power light will go out and the drain valve will automatically open for 10 minutes.
 - If a longer drain time is needed, the power switch can be turned on and back off. This will allow for an additional 10 minutes drain time.
- ☐ Explain that the machine must be drained after the end of each meal period or every 2 hours of continuous operation and at the end of the day.
 - Scrap screens, pump intake screens, and drain strainer must be cleaned.
 - Reference operation manual for more detail instructions regarding operation, daily cleaning, and preventative maintenance.

Model _____, Serial _____

Conditions Found	Corrective Action Needed

General Manager _____ Date _____

Champion Service Representative _____ Date _____