HOBART CLeN SERIES TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE
No Machine Operation.	1. Blown fuse or tripped circuit breaker at power supply. 2. Inspection door(s) not closed. 3. Conveyor has jammed. 4. The Auto-Timer may have timed out. Push START or insert rack. 5. If table limit switch is used, the switch may be tripped. 6. The machine is in Energy Saver Mode. Press STOP on the keypad to resume.
Dishes Not Clean.	1. Insufficient wash water. Drain obstruction causing an open drain condition. Worn or torn drain O-ring allowing wash water to drain. 2. Missing end cap from wash arm. 3. Wash arm nozzle obstruction. 4. Worn or torn manifold O-ring allowing wash water to drain. 5. Loss of water pressure due to pump obstructions. 6. **⚠ WARNING Disconnect the electrical power to the machine and follow lockout / tagout procedures. There may be multiple circuits. Be sure all circuits are disconnected.** Drain tank(s) and check for any obstruction at the pump intake. 7. Incorrect water temperature. Check circuit breaker to electric heat supply, or main steam valve, or gas supply valve. Make certain that valve is completely open. 8. Incorrect detergent dispensing. Contact your detergent sales representative. 9. Strainer pans or buckets need to be emptied and / or cleaned. 10. Tanks may need to be drained and filled with clean water.
Leaking Valve.	1. Foreign material preventing proper valve operation. A critical period is soon after installation when pipe compound or metal shavings may lodge at the valve seat. If problem is with a solenoid valve, it is recommended that you contact your local Hobart Service office.
Spotting of Silverware, Glasses and Dishes.	1. Improperly loaded racks. 2. Incorrect final rinse water temperature (180°F or 120F, minimum; refer to Instructions Manual: pages 24-27). 3. Loss of water pressure due to pump obstruction. **⚠ WARNING Disconnect the electrical power to the machine and follow lockout / tagout procedures. There may be multiple circuits. Be sure all circuits are disconnected.** Drain tank(s) and check for any obstruction at the pump intake. 4. Clogged wash arm nozzles. 5. Improper water hardness (3 grains per gallon or less is recommended). 6. Incorrect detergent for water type. Contact chemical supplier. 7. Clogged rinse nozzle(s). 8. Problem with Rinse Aid dispenser. Contact chemical supplier.
Low Final Rinse Temperature With Built-In Booster Heater.	1. Tank float not 'up' permitting heat to turn on or float is malfunctioning. 2. Overtemp protector tripped. Contact Hobart Service. 3. Circuit breaker to heat system tripped. 4. Incoming water is below minimum temperature. 5. If your temperature control needs adjustment, or if there is a booster heater failure, contact your local Hobart Service office.

NOTE: If symptom(s) persists after possible causes have been checked, contact your local Hobart Service office.

SYMPTOM	POSSIBLE CAUSE
Inadequate Rinse.	1. Dirty line strainer (Fig. 1) causing reduced water flow. Turn off water supply, remove strainer cap and screen. Clean screen. Reassemble. 2. Low supply line pressure or dirty in-line rinse arm strainer. 3. Clogged rinse nozzle(s). **NOTE**: CLeNER & CLeNADV models have two final rinse supply lines.
Continuous Rinse	1. Rinse actuator (Fig. 2) not moving freely. **⚠ WARNING Disconnect the electrical power to the machine and follow lockout / tagout procedures. There may be multiple circuits. Be sure all circuits are disconnected.** Check actuator for free movement. 2. Check for foreign object in mechanism, i.e., silverware. 3. Rinse valve failed or jammed open. 4. Standpipe(s) not seated properly — water draining and fill remains on.
No Wash Tank Heat, Tanks Not Heating.	1. The machine is equipped with low water safety devices which shut off heat if water level drops. Check for proper water level. 2. Circuit breaker(s) to heat system tripped (electric heat). 3. Check heat float for debris and free movement. 4. Overtemp protector tripped or failed heating element (electric heat). Contact Hobart Service. 5. The main gas supply valve is not open (gas heat). 6. Make sure all standpipes are properly seated. 7. Steam supply valve(s) are not opened completely or supply pressure is too low (steam heat). 8. Bucket trap not functioning correctly (steam heat). 9. Improperly operating steam solenoid valve(s) (steam heat).
No or Slow Fill.	1. Door(s) are open. 2. Main fill (water supply valve) could be closed. 3. Upper and / or lower fill floats do not move freely. 4. Dirty line strainer (Fig. 1) causing reduced water flow. Turn off water supply, remove strainer cap and withdraw and clean screens. Reassemble. 5. Problem with solenoid valve. 6. Low incoming water supply pressure. 7. Drain(s) open. 8. Standpipe(s) not seated properly or placed in wrong tank.
Leaking Vacuum Breaker.	1. Foreign material or corrosion could be preventing proper valve operation. Shut off all incoming water supply line(s). Unscrew and lift bonnet from valve body. Clean valve and reassemble.
Excessive Steam	1. Vent stack damper not adjusted properly.

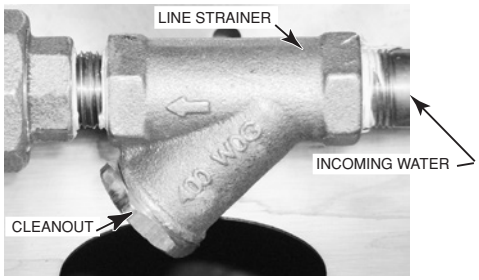

Fig. 1

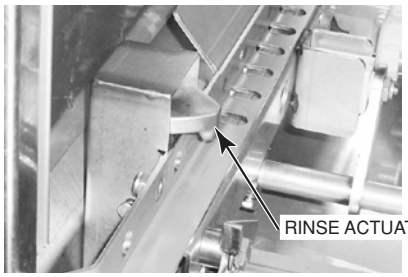

Fig. 2

NOTE: If symptom(s) persists after possible causes have been checked, contact your local Hobart Service office.

DISPLAY READS	POSSIBLE RESOLUTION
Door(s) Open	Close all inspection doors.
Unload Dishes	Remove rack from table limit switch at end of clean dish table (unload end).
Clear Conveyor Jam	Clear jam. Remove rack from machine. Press START and rerun rack.
Probe Err - [Tank Name]	Ensure lower float assembly in indicated tank is not visibly damaged and sufficient water is in the tank to cover the lower float.
Fnl Rinse Temp Low	1. Check that the final rinse booster tank circuit breaker is on and not tripped (if equipped). 2. Check that the final rinse booster tank overtemp circuit is not tripped (if equipped). 3. Ensure that the building supply water to the dishwasher or final rinse booster tank is at the minimum specified temperature.
Probe Error — FnlRns	Ensure that the supply water valve to the final rinse booster is open.
Check Water Level	1. Ensure that all drains are closed and free of debris. 2. Check that the water supply valve is open. 3. Open inspection doors and check the water level of all tanks. Water should be about one inch down from the top of the strainer pan or higher. 4. If tanks fail to fill after another 20 minutes, contact Hobart service.
Reset Required	Place machine in Standby by pressing the Power key. Wait at least 60 seconds before powering on the machine.
Delime Recommended	Inspect machine interior for lime deposits. Refer to Instructions Manual: Deliming Procedure, page 30.
Change Water Soon	At your earliest convenience, change the wash water for best washability.
Water Change Req'd	Drain all tanks and allow machine to refill.
Energy Save Active Press STOP to Exit	Due to inactivity, the machine has gone into an idle mode; the heat has turned off. Press the STOP key to resume normal operation. Monitor temperatures as you resume warewashing activity.

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