

JET SPRAY TROUBLESHOOTING GUIDE

JT7C & JT20C

IMPORTANT: Only qualified personnel should service internal components or electrical wiring.

Dispenser Troubleshooting		
Problem	Possible Cause	Solution
Unit will not turn on.	A. Unit is not plugged in. B. No power at wall. C. On/Off power switch broken.	Plug in unit. Check line circuit breaker Replace PWR Switch on unit if not functioning.
Functional NOTE:	The condenser fan <u>RUNS CONTINUOUSLY</u> on the 2 Bowl JT20C The condenser fan <u>SHUTS OFF</u> when the compressor cycles off on the 1 Bowl JT7C.	
Unit cools but shuts off above 42°F.	A. Thermostat requires adjustment or replacement	Set thermostat colder. Replace thermostat.
Product leaking from bottom of bowl.	A. Evaporator gasket leaking.	Check installation of gasket for bunching. Replace gasket if damaged.
Paddles do not spin.	A. Paddle motor not spinning. B. Drive magnet loose on shaft.	Validate that spray switch is on. (2 bowl only) If PWR present at motor connections replace gear motor, if not, check connections and On/Off switch, if applicable. Validate gear MTR magnet is spinning. If not check shaft nut.
Condensate dripping from nozzle.	A. Condensate gasket missing or damaged.	Replace or properly install gasket.
Unit does not dispense.	A. Pinch tube kinked.	Check for improper installation of pinch tube in dispense handle. Replace if damaged or worn. Check dispense handle for proper operation. Replace if not functioning properly.
Product freeze or thickening.	A. Mixing blade not spinning or missing. B. Thermostat requires adjustment or replacement.	Check for improper installation of pinch tube in dispense handle. Set thermostat to warmer temperature.



<p>Unit cools but doesn't shut off</p>	<p>A. Thermostat requires adjustment or replacement.</p>	<p>Set thermostat to warmer temperature. Replace thermostat</p>
<p>Paddles rattle when spinning.</p>	<p>A. Paddle not seated correctly on blade bearing.</p>	<p>Reseat paddle on blade seat and place back in blade location in bowl.</p>
<p>Ice develops on evaporator dome.</p>	<p>A. Liquid being dispensed is not properly mixed. B. Low product level.</p>	<p>Check for proper brix (mix ratio) of product. Check that thermostat is not set too cold. Keep product filled evaporator. Prolonged use in low level conditions in high humidity will cause ice to build up on the evaporator.</p>
<p>Unit does not cool.</p>	<p>A. Low Product B. Mixer blades not spinning or missing. C. Dirty condenser. D. Condenser fan not functioning E. Refrigeration system not functioning. F. Evaporator failure.</p>	<p>Fill bowl to at least ½ way on Dome Evaporator. Validate spray switch is on. (2 bowl only) Replace gear motor. Clean condenser with soapy water. Validate condenser fan is running when compressor is on. Turn thermostat to colder and check voltage at compressor. If voltage present check compressor overloads. If PWR is not present replace thermostat. Validate no leaks are present in refrigeration lines. If the compressor and fan are believed to be running properly check the evaporator for proper cooling. Drain product bowl and with machine running spray dome evaporator with cold water. An even layer of frost should appear on the surface. If the pattern is not consistent the evaporator might have problem and the unit should be replace. If no ice develops and the compressor is running this could be a sign of low refrigerant or a damaged compressor.</p>