TROUBLESHOOTING
VANGUARD

IMPORTANT: Only a qualified Service Person should service internal components or electrical wiring.

WARNING: Disconnect electrical power to the Unit to prevent personal injury before attempting any electrical repairs to the internal components. If repairs are to be made to one of the syrup systems, disconnect syrup supply from the system, then bleed system pressure before proceeding. If repairs will be made to the CO_2 or the carbonated water system, disconnect electrical power to the carbonator, shut off CO_2 and plain water supplies, then bleed systems pressures before proceeding.

TROUBLESHOOTING UNIT

Trouble		Probable Cause		Remedy
WATER-TO-SYRUP "RATIO" TOO LOW OR TOO HIGH.	A.	Dispensing valve syrup flow regulator not properly adjusted.	A.	Adjust Water-to-Syrup "Ratio" as instructed.
		Syrup Tanks System.		
	B.	CO_2 gas pressure to syrup tanks insufficient to push syrup out of tank.	B.	Adjust CO_2 regulator for syrup tanks as instructed.
		Bag-In-Box System. CO_2 gas pressure to syrup pumps insufficient to operate pumps.		Adjust syrup pumps CO_2 regulator as instructed.
ADJUSTMENT OF DISPENSING VALVE SYRUP FLOW REGULATOR DOES NOT INCREASE TO DESIRED WATER-TO-SYRUP "RATIO"	A.	No syrup supply.	A.	Replenish syrup supply.
		Syrup Tanks system.		
	B.	Syrup tanks CO_2 regulator out of adjustment.	B.	Adjust CO_2 regulator for syrup tanks as instructed.
		Syrup Bag-In-Box System. Syrup pumps CO_2 regulator out of adjustment.		Adjust syrup pumps CO_2 regulator as instructed.
	C.	Dispensing valve syrup flow control or syrup line restricted.	C.	Sanitize syrup system as instructed.
	D.	Improper syrup Baume.	D.	Replace syrup supply.
	E.	Inoperative dispensing valve syrup flow control.	E.	Repair dispensing valve syrup flow control.
	F.	Tapered gasket inside tube swivel nut connection distorted from being overtightened restricting syrup flow.	F.	Replace tapered gasket. Make sure it is properly seated.

Trouble	Probable Cause	Remedy
ADJUSTMENT OF DISPENSING VALVE SYRUP REGULATOR DOES NOT DECREASE TO DESIRED WATER-TO-SYRUP ‘‘RATIO’’.	A. Dirty or inoperative dispensing valve syrup flow control.	A. Disassemble and clean dispensing valve syrup flow regulator.
DISPENSED PRODUCT CARBONATION TOO LOW.	A. Carbonator CO_2 regulator out of adjustment for existing water conditions or temperature.	A. Adjust carbonator CO_2 regulator (Reference manual provided with carbonator).
	B. Air in carbonated water tank.	B. Vent air out of carbonated water tank by dispensing from dispensing valve to make carbonator water pump motor cycle on.
	C. Water, oil, or dirt, in CO_2 supply.	C. Remove contaminated CO_2. Clean CO_2 system (lines, regulator, etc.) using a mild detergent. Install a clean CO_2 supply.
DISPENSED PRODUCT COMES OUT OF DISPENSING VALVE CLEAR BUT FOAMS IN CUP OR GLASS.	A. Oil film or soap scum in cup or glass.	A. Use clean cups and glasses.
	B. Ice used for finished drink is subcooled.	B. Do not use ice directly from freezer. Allow ice to become ‘‘wet’’ before using. (Refer to following NOTE.)
NOTE: Crushed ice also causes dispensing problems. When finished drink hits sharp edges of ice, carbonation is released from dispensed drink.		
DISPENSED PRODUCT PRODUCES FOAM AS IT LEAVES DISPENSING VALVE.	A. Recovery rate of refrigeration unit exceeded, ice bank depleted.	A. Allow ice bank to recover.
	CAUTION: The refrigeration assembly condenser coil *must* be cleaned every 30-days. Excessive accumulation of dust, lint, and grease on the condenser coil will restrict cooling air flow through coil and cause refrigeration system to overheat. Operating refrigeration system in an overheated condition will eventually lead to refrigeration compressor failure and will automatically void the factory warranty.	
	B. Condenser coil plugged.	B. Clean condenser coil as instructed.
	C. Carbonator CO_2 regulator pressure too high for existing water conditions or temperature.	C. Reduce carbonator CO_2 regulator pressure setting.
	D. Dispensing valve restricted or dirty.	D. Sanitize syrup system as instructed.

Trouble	Probable Cause	Remedy
	E. Tapered gasket inside carbonated water line swivel nut connector distorted restricting carbonated water flow.	E. Replace tapered gasket. Make sure it is properly seated.
DISPENSED PRODUCT PRODUCES FOAM AS IT LEAVES DISPENSING VALVE. (cont'd)	F. Dirty water supply.	F. Check water filter. Replace cartridge (see **NOTE**).
	NOTE: If water supply is dirty, be sure to flush lines and carbonator carbonated water tank completely. It may be necessary to remove lines to the carbonated water tank, invert the tank, then flush tank and all inlet lines to remove any foreign particles or dirt.	
NO PRODUCT DISPENSED FROM ALL DISPENSING VALVES.	A. Unit power switch (60-Hz Unit) in ''OFF'' position.	A. Place power switch in ''ON'' position.
	B. Dispensing valves keyed lock-out switch in "OFF" (horizontal) position.	B. Place dispensing valves keyed lock-out switch in "ON" (vertical) position.
	C. No electrical power to Unit.	C. Plug in Unit power cord or check for blown power fuse or tripped circuit breaker. (Note: Fuse or circuit breaker are not part of Unit.)
	D. Disconnected dispensing valves power cord.	D. Connect dispensing valves power cord.
	E. Disconnected or broken wiring to dispensing valve.	E. Connect or replace wiring.
	F. Inoperative 115 /24 VAC transformer.	F. Replace transformer.
ONLY CARBONATED WATER DISPENSED.	A. Out of syrup	A. Replenish syrup supply as instructed.
	B. Inoperable dispensing valve.	B. Repair dispensing valve.
	C. Dispensing valve syrup flow control not properly adjusted.	C. Adjust dispensing valve syrup flow control (Water-to-Syrup ''Ratio'') as instructed.
	D. Dispensing valve syrup flow control or syrup lines restricted.	D. Sanitize syrup system as instructed.
ONLY SYRUP DISPENSED.	A. Plain water inlet supply line shutoff valve closed.	A. Open plain water inlet supply line shutoff valve.
	B. Carbonator not operating.	B. Refer to manual provided with the carbonator.

Trouble	Probable Cause	Remedy
TROUBLESHOOTING REFRIGERATION SYSTEM		
COMPRESSOR DOES NOT OPERATE.	A. Ice bank sufficient.	A. Refrigeration not called for.
	B. Unit power cord unplugged, Unit power switch (60-Hz Unit) in ‘‘OFF’’ position, or drop-in refrigeration assembly power cord unplugged.	B. Plug in power cord or place Unit power switch in ‘‘ON’’ position.
	C. No power source (blown fuse or tripped circuit breaker).	C. Replace fuse or reset circuit breaker. (Note: Fuse or circuit breaker are not part of Unit.)
COMPRESSOR DOES NOT OPERATE. (cont’d)	D. Inoperative Unit power switch (60-Hz Unit) or Unit power cord unplugged.	D. Replace power switch or plug Unit power cord into electrical outlet.
	E. Low voltage.	E. Voltage must be at least 103 volts at compressor terminal when compressor is trying to start.
	F. Loose, disconnected, or broken wiring.	F. Tighten connections or replace broken wiring.
	G. Overload protector cut out; overheated compressor. Condenser fan motor not operating as required.	G. Compressor will cool enough to restart. Do not overdraw cooling capacity of Unit. Refer to “CONDENSER FAN MOTOR NOT OPERATING’’ in this section.
	H. Inoperative overload protector or start relay.	H. Replace inoperative part.
	I. Inoperative ice bank control.	I. Replace ice bank control.
	J. Inoperative compressor.	J. Call Service Person.
COMPRESSOR WILL NOT STOP AFTER SUFFICIENT ICE BANK IS PRODUCED.	A. Ice bank control cap tube kinked or broken.	A. Replace ice bank control.
	B. Ice bank control stuck in closed position.	B. Replace ice bank control.

Trouble		Probable Cause		Remedy
COMPRESSOR OPERATES CONTINUOUSLY BUT DOES NOT FORM SUFFICIENT ICE BANK.	A.	Cooling capacity is exceeded by over-drawing.	A.	Reduce amount of drinks drawn per given time.
	B.	Unit located in excessively hot area or air circulation through condenser coil is restricted.	B.	Relocate Unit or check and if necessary, clean condenser coil filter as instructed.
		NOTE: Ice bank freezes from bottom of evaporator upward. A refrigerant leak or insufficient charge might show an ice bank at bottom and not at the top of evaporator.		
		NOTE: If overload protector cuts out compressor, condenser fan motor will continue to operate; otherwise; troubleshooting condenser fan motor problems is same as for "COMPRESSOR DOES NOT OPERATE'' paragraph plus the following:		
CONDENSER FAN MOTOR NOT OPERATING.	A.	Jumper cord loose or disconnected from motor or terminal block. Broken wire in cord.	A.	Tighten connections or replace cord.
	B.	Inoperative condenser fan motor.	B.	Replace condenser fan motor.
AGITATOR MOTOR NOT OPERATING.	A.	Unit power cord or refrigeration assembly power cord unplugged.	A.	Connect power cord(s).
	B.	No power source (blown fuse or tripped circuit breaker).	B.	Replace fuse or reset circuit breaker. (Note: Fuse or circuit breaker are not part of Unit.)
AGITATOR MOTOR NOT OPERATING. (cont'd)	C.	Agitator motor propeller obstructed.	C.	Remove obstruction.
	D.	Low voltage.	D.	Voltage must be at least 103 VAC at compressor terminals when compressor is trying to start.
	E.	Loose, disconnected, or broken wiring.	E.	Tighten connections or replace broken wiring.
	F.	Inoperative agitator motor.	F.	Replace agitator motor.

TROUBLESHOOTING
AURORA TOWER

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

WARNING: If repairs are to be made to carbonated water system, disconnect electrical power to Cooling Unit, shut off plain water and CO_2 supplies, and relieve the carbonated water system pressure before proceeding. If repairs are to be made to syrup system, remove quick disconnects from applicable syrup tank, then relieve the system pressure before proceeding. If repairs are to be made to CO_2 system, stop dispensing, shut off CO_2 supply, then relieve the system pressure before proceeding.
If repairs are to be made to an existing Remote Condensing unit, disconnect the power to the condensing unit before proceeding

TROUBLE COMMON TO ALL MODELS

Trouble	Probable Cause	Remedy
WATER–TO–SYRUP "RATIO" TOO LOW OR TOO HIGH.	A. Dispensing valve syrup flow regulator not properly adjusted.	A. Adjust Water–to–Syrup "Ratio" as instructed.
	B. CO_2 gas pressure to soft drink tanks insufficient to push syrup out of tanks.	B. Adjust soft drink tanks CO_2 regulator or check CO_2 supply and replenish.
ADJUSTMENT OF DISPENSING VALVE SYRUP FLOW REGULATOR DOES NOT INCREASE TO DESIRED WATER–TO–SYRUP "RATIO"	A. No syrup supply.	A. Replenish syrup supply.
	B. Quick disconnects not secure on soft drink tanks.	B. Secure quick disconnects.
	C. Soft drink tanks CO_2 regulator out of adjustment.	C. Adjust soft drink tanks CO_2 regulator.
	D. Dispensing valve syrup flow regulator, soft drink tank quick disconnect, or syrup line restricted.	D. Sanitize syrup system.
	E. Improper Baume of syrup.	E. Replace syrup supply.
	F. Dirty or inoperative piston or spring in dispensing valve syrup flow regulator.	F. Disassemble and clean dispensing valve syrup flow regulator.
	G. Tapered nylon washer inside tube swivel nut connector distorted from being overtightened.	G. Replace nylon washer and make sure it seats properly.
ADJUSTMENT OF DISPENSING VALVE SYRUP FLOW REGULATOR DOES NOT DECREASE TO DESIRED WATER–TO–SYRUP "RATIO".	A. Dirty or inoperative piston or spring in dispensing valve syrup flow regulator.	A. Disassemble and clean dispensing VALVE SYRUP FLOW REGULATOR.

Trouble	Probable Cause	Remedy
DISPENSED PRODUCT CARBONATION TOO LOW.	A. Carbonator CO_2 regulator out of adjustment for existing water conditions.	A. Adjust carbonator CO_2 regulator. (Refer to manual provided with carbonator).
	B. Air in carbonator tank.	B. Vent air out of carbonator tank through relief valve. Dispense carbonated water to make carbonator pump cycle on.
	C. Water, oil, or dirt, in CO_2 supply.	C. Remove contaminated CO_2, Clean CO_2 system (lines, regulators, etc.) using a mild detergent. Install a clean CO_2 supply.
DISPENSED PRODUCT COMES OUT OF DISPENSING VALVE CLEAR BUT FOAMS IN CUP OR GLASS.	A. Oil film or soap scum in cup or glass.	A. Use clean cups and glasses.
	B. Ice used for finished drink is sub–cooled.	B. Do not use ice directly from freezer. Allow ice to become “wet” before using. (Refer to following NOTE.)
	NOTE: Crushed ice causes dispensing problems. When finished drink hits sharp edges of ice, carbonation is released from dispensed drink.	
DISPENSED PRODUCT PRODUCES FOAM AS IT LEAVES DISPENSING VALVE.	A. Recovery rate of refrigeration unit or cold plate exceeded.	A. Allow refrigeration unit or cold plate to recover. (Check cold plate for ice supply).
	B. Carbonator CO_2 regulator pressure too high for existing water conditions or temperature.	B. Reduce carbonator CO_2 regulator pressure setting.
	C. Syrup over carbonated with CO_2 as indicated by bubbles in inlet syrup lines leading to unit.	C. Remove soft drink tanks quick disconnects. Relieve tank CO_2 pressure, shake tank vigorously, then relieve tank CO_2 pressure as many times as necessary to remove carbonation.
	D. Dispensing valve syrup flow regulator restricted or dirty.	D. Sanitize syrup system.
	E. Tapered nylon washer inside carbonated water line swivel nut connector distorted restricting carbonated water flow.	E. Replace nylon washer. Make sure it is properly seated.
	F. Dirty water supply.	F. Check water filter. Replace cartridge. (see NOTE).
	NOTE: If water supply is dirty, be sure to flush lines and carbonator completely. It may be necessary to remove lines to carbonator tank, invert tank, and flush tank and all inlet lines to remove any foreign particles or dirt.	

Trouble	Probable Cause	Remedy
ONLY CARBONATED WATER DISPENSED.	A. Quick disconnects not secure on soft drink tanks.	A. Secure quick disconnects on soft drink tanks.
	B. Out of syrup.	B. Replenish syrup supply.
	C. Soft drink tanks CO_2 regulator not properly adjusted.	C. Adjust soft drink tanks CO_2 regulator.
	D. Inoperable dispensing valve.	D. Repair dispensing valve.
	E. Dispensing valve syrup flow regulator not properly adjusted.	E. Adjust Water–to–Syrup ‘‘Ratio’’ of dispensed product.
	F. Dispensing valve syrup flow regulator, soft drink tank quick disconnect, or syrup lines restricted.	F. Sanitize syrup system.
ONLY SYRUP DISPENSED.	A. Water inlet supply line shutoff valve closed.	A. Open water inlet supply line shutoff valve.
	B. Carbonator power cord unplugged from electrical outlet.	B. Plug carbonator power cord into electrical outlet.
	C. Carbonator CO_2 regulator not properly adjusted.	C. Adjust carbonator CO_2 regulator (Refer to manual provided with carbonator).
TROUBLESHOOTING UNIT WITH ELECTRIC DISPENSING VALVES		
NO PRODUCT DISPENSED.	A. Dispense stop key–lock switch turned to ‘‘OFF’’ position.	A. Turn key–lock switch to ‘‘ON’’ position.
	B. No electrical power to transformer.	B. Plug transformer power cord into electrical outlet.
	C. Dispensing valve wiring harness power cord disconnected from transformer outlet.	C. Connect dispensing valve wiring harness power cord to transformer.
	D. Inoperative transformer.	D. Replace transformer.
NO PRODUCT DISPENSED FROM ONE DISPENSING VALVE.	A. Broken or disconnected wiring.	A. Repair or connect wiring.
	B. Inoperative solenoid coil.	B. Replace solenoid coil.
	C. Inoperative electronic Portion Control.	C. Replace Portion Control.

TROUBLESHOOTING
ICE DISPENSERS

IMPORTANT:

WARNING: Disconnect electrical power to unit to prevent personnel injury before attempting any internal maintenance. Only qualified personnel should service internal components or electrical wiring.

TROUBLESHOOTING ICE DISPENSER

Trouble	Probable Cause	Remedy
BLOWN FUSE OR CIRCUIT BREAKER.	A. Short circuit in wiring.	A. Find electrical short, then repair wire.
	B. Defective gate solenoid.	B. Replace gate solenoid.
GATE DOES NOT OPEN. AGITATOR DOES NOT TURN.	A. No power.	A. Install power to unit.
	B. Defective dispensing switch.	B. Replace defective switch.
	C. Bent depressor lever (does not actuate switch).	C. Shape (bend) lever so it will actuate switch
GATE DOES NOT OPEN OR IS SLUGGISH. AGITATOR TURNS	A. Excessive pressure against gate slide.	A. Adjust gate slide to reduced pressure
	B. Defective gate solenoid.	B. Replace defective solenoid.
	C. Weak gate spring.	C. Replace gate spring.
GATE OPENS. AGITATOR DOES NOT TURN.	A. Ice solidified in hopper.	A. Separate ice junks in hopper (break apart)
	B. Defective agitator motor.	B. Replace defective agitator motor.
	C. Defective capacitor (TJ90).	C. Replace Defective capacitor.
ICE DISPENSES CONTINUOUSLY.	A. Stuck or bent depressor lever (does not release switch).	A. Shape (bend) lever so it will release actuated switch
	B. Defective dispensing switch.	B. Replace defective switch.
	C. Improper switch installation.	C. Adjust switch.
SLUSHY ICE. WATER IN HOPPER.	A. Blocked drain.	A. Clear drain of obstruction.
	B. Unit not level.	B. Adjust unit using carpenters level.
	C. Poor ice quality due to water quality or icemaker problem.	C. Replace water filters.
	D. Improper use of flake ice.	D. Use cubed ice in this dispenser.

TROUBLESHOOTING
PROGATE W/PORTION CONTROL ICE DRINK

IMPORTANT:

WARNING: Disconnect electrical power to unit to prevent personnel injury before attempting any internal maintenance. Only qualified personnel should service internal components or electrical wiring. If repairs are to be made to CO_2, syrup, or water systems, shut off CO_2 and plain water supplies, discount carbonator power cord, disconnect syrup tanks, and bleed systems pressures before proceeding

TROUBLESHOOTING POST–MIX SYSTEM

Trouble	Probable Cause	Remedy
WATER–TO–SYRUP “RATIO” TOO LOW OR TOO HIGH.	A. Dispensing valve syrup flow control not properly adjusted.	A. Adjust Water–to–Syrup “Ratio” as instructed.
	B. CO_2 gas pressure to syrup tanks insufficient to push syrup out of tanks.	B. Adjust secondary CO_2 regulator for syrup tanks as instructed.
ADJUSTMENT OF DISPENSING VALVE SYRUP FLOW CONTROL DOES NOT INCREASE TO DESIRED WATER–TO–SYRUP “RATIO” .	A. No syrup supply.	A. Replenish syrup supply as instructed
	B. Syrup tank quick disconnects not secure.	B. Secure quick disconnects.
	C. Syrup tanks secondary CO_2 regulator out of adjustment.	C. Adjust syrup tanks secondary CO_2 regulator as instructed.
	D. Dispensing valve syrup flow control, syrup tank quick disconnect, or syrup line restricted.	D. Sanitize syrup system as instructed.
	E. Improper Baume of syrup.	E. Replace syrup supply.
	F. Dirty or inoperative dispensing valve syrup flow control.	F. Disassemble and clean dispensing valve syrup flow control.
	G. Tapered nylon washer inside tube swivel nut connection distorted from being overtightened restricting syrup flow.	G. Replace nylon washer. Make sure it seats properly.
ADJUSTMENT OF DISPENSING VALVE SYRUP FLOW CONTROL DOES NOT DECREASE TO DESIRED WATER–TO–SYRUP “RATIO”.	A. Dirty or inoperative dispensing valve syrup flow control.	A. Disassemble and clean dispensing valve syrup flow control.
DISPENSED PRODUCT CARBONATION TO LOW.	A. Carbonator primary CO_2 regulator out of adjustment for existing water conditions or temperature.	A. Adjust carbonator primary CO_2 regulator (Reference manual provided with carbonator).
	B. Air in carbonator tank.	B. Vent air out of carbonator tank through relief valve. Activate dispensing valve No. 1 to make carbonator pump cycle on.

Trouble	Probable Cause	Remedy
DISPENSED PRODUCT CARBONATION TO LOW. (con't)	C. Water, oil, or dirt, in CO_2 supply.	C. Remove contaminated CO_2. Clean CO_2 system (lines, regulator, etc.) using a mild detergent. Install a clean CO_2 supply.
DISPENSED PRODUCT COMES OUT OF DISPENSING VALVE CLEAR BUT FOAMS IN CUP.	A. Ice used for finished drink is subcooled.	A. If using purchased ice allow ice to melt slightly before using.
	B. Insufficient ice supply in dispenser ice bin.	B. Replenish ice supply as instructed.
	C. Oil film or soap scum in cups	C. Use clean cups.
DISPENSED PRODUCT PRODUCES FOAM AS PRODUCT LEAVES DISPENSING VALVE.	A. Carbonator primary CO_2 regulator CO_2 pressure set to high for existing water conditions or temperature.	A. Reduce carbonator CO_2 regulator setting.
	B. Syrup over carbonated with CO_2 as indicated by bubbles in inlet syrup lines leading to dispenser.	B. Remove syrup tanks quick disconnects. Relieve tank CO_2 pressure, shake tank vigorously, then relieve tank CO_2 pressure as many times as necessary to remove over–carbonation.
	C. Dispensing valve restricted or dirty.	C. Sanitize syrup system as instructed.
	D. Tapered nylon washer inside carbonated water line swivel nut connector distorted restricting carbonated water flow.	D. Replace nylon washer. Make sure it is properly seated.
	E. Dirty water supply.	E. Check water filter. Replace cartridge.
	Note: If water supply is dirty, be sure to flush lines and carbonator completely. It may be necessary to remove lines to carbonator tank, invert tank and flush tank and all inlet lines to remove any foreign particles or dirt.	
NO PRODUCT DISPENSED FROM ALL DISPENSING VALVES.	A. Dispenser rocker–type power switch in OFF position.	A. place power switch in ON position.
	B. No electrical power to dispenser.	B. Plug in dispenser power cord, or check fuse or circuit breaker.
	C. Disconnected or broken wiring to dispensing valves.	C. Connect or replace wiring.
	D. Loose ground connection.	D. Have ground connection repaired.
	E. Inoperative dispenser transformer	E. Have transformer replaced.
NO PRODUCT DISPENSED FROM ONE DISPENSING VALVE.	A. Broken or disconnected wiring.	A. Connect wiring or have repaired.
	B. Inoperative dispensing valve.	B. Have dispensing valve repaired.
	C. Inoperative portion control.	C. Replace portion control cover.

Trouble		Probable Cause		Remedy
ONLY CARBONATED WATER DISPENSED.	A.	Quick disconnects not secure on syrup tanks.	A.	Secure quick disconnects on syrup tanks.
	B.	Out of syrup.	B.	Replenish syrup supply as instructed.
	C.	CO_2 regulator for syrup tanks not properly adjusted.	C.	Adjust syrup tank CO_2 regulator as instructed.
	D.	Inoperable dispensing valve.	D.	Have dispensing valve repaired.
	E.	Dispensing valve syrup flow control not properly adjusted.	E.	Adjust dispensing valve syrup flow control (Water–to–Syrup “Ratio”) as instructed.
	F.	Dispensing valve syrup flow control, syrup tank quick disconnect, or syrup lines restricted.	F.	Sanitize syrup system as instructed.
ONLY SYRUP DISPENSED.	A.	Plain water inlet supply line shutoff valve closed.	A.	Open plain water inlet supply line shutoff valve.
	B.	Carbonator power cord unplugged from electrical outlet.	B.	Plug carbonator power cord into electrical outlet.
	C.	Carbonator CO_2 regulator not properly adjusted.	C.	Adjust carbonator CO_2 regulator (Reference manual provided with carbonator).
DISPENSING VALVE WILL NOT DISPENSE ANY PORTION CONTROL SIZE DRINK.	A.	Portion control not properly adjusted.	A.	Adjust all portion sizes on dispensing valve as instructed.
	B.	Portion control cover electrical wiring disconnected.	B.	Connect portion control cover electrical wiring.
	C.	Inoperable portion control.	C.	Replace portion control cover.
NO RESPONSE FROM ONE OF THE PORTION CONTROL SWITCHES OR THE CANCEL/POUR SWITCH.	A.	Inoperable portion control.	A.	Replace portion control cover.

TROUBLESHOOTING ICE DISPENSING SYSTEM

Trouble		Probable Cause		Remedy
NO ICE DISPENSED	A.	Ice bin cover not in place.	A.	Install ice bin cover.
	B.	Insufficient ice supply in ice bin.	B.	Replenish ice supply as instructed.
	C.	Ice in ice bin bridged (stuck together).	C.	Gently tap on ice to break it loose.
	D.	No electrical power to dispenser.	D.	Plug in dispenser power cord, or check fuse or circuit breaker.
	E.	Insufficient or no CO2 supply to dispenser.	E.	Restore CO2 supply to dispenser.
	F.	Inoperative ice portion controller.	F.	Replace ice portion controller.
	G.	Inoperative ice agitator motor.	G.	Replace ice agitator motor.
	H.	Inoperative gate cylinder.	H.	Replace gate cylinder.
	I.	Inoperative gate solenoid	I.	Replace gate solenoid.