

# BOTTLE COOLERS DIAGNOSIS AND PROCEDURE CHART

## POTENTIAL PROBLEMS

### PROBABLE CAUSES:

Check item #1 first, followed by item #2, etc.

	NO COLD WATER COMPRESSOR NOT RUNNING	NO COLD WATER COMPRESSOR RUNNING	WATER TOO COLD OR FROZEN	UNIT RUNS NOISY	NO HOT WATER	NO WATER FLOW FROM HOT FAUCET	HOT WATER TOO HOT OR BOILING OVER	WATER LEAKS
COMPRESSOR	6	3		2				
RELAY	4							
OVERLOAD	5							
COLD CONTROL	2		1					
ELECTRICAL OUTLET- OPEN CIRCUIT	1			2				
RESTRICTION IN CAP LINE OR STRAINER		2						
REFRIGERANT LEAK		1	4					
CONTROL BULB NOT IN THERMOWELL			2					
LOOSE THERMOWELL			3					
OPEN WIRE	3			5				
CAP LINE AT COOLING TANK				1				
WATER BOTTLE EMPTY					1			
FAUCET					2			
HIGH OR LOW INCOMING LINE VOLTAGE	7	4						
LEAK IN BOTTLE (PIN HOLE)							1	
INTERNAL FITTINGS OR "O" RINGS							4	
HOT THERMOSTAT						1		
HOT TANK ELEMENT				4				
HEAT LIMITER				3				
RESERVOIR OVERFILLED							2	
LOOSE FAUCET OR GASKET							3	
LIMING CONDITION IN HOT TANK					3	2		
SWITCH FOR HOT TANK TURNED OFF				1				