

POINT OF USE COOLERS DIAGNOSIS AND PROCEDURE CHART

POTENTIAL PROBLEMS

PROBABLE CAUSES:

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

	NO COLD WATER COMPRESSOR NOT RUNNING	NO COLD WATER COMPRESSOR RUNNING	WATER TOO COLD OR FROZEN	UNIT RUNS NOISY	NO HOT WATER	UNIT OVERFILLS	HOT WATER BOILING OVER	SERVICE LIGHT ACTIVATED	NO WATER IN RESERVOIR
COMPRESSOR	7	4		1					
RELAY, COMPRESSOR	5								
OVERLOAD	6								
COLD CONTROL	2		1						
ELECTRICAL OUTLET- OPEN CIRCUIT	1				2				1
TRANSFORMER									7
REFRIGERANT LEAK		3	3						
CONTROL BULB NOT IN THERMOWELL			2						
OPEN WIRE	3				6				8
HIGH OR LOW INCOMING VOLTAGE	4	2	4		7		4		
HOT THERMOSTAT					4		1		
HOT TANK ELEMENT					5				
HEAT LIMITER					3		2		
CONDENSER DIRTY		1							
PRIMARY FLOAT						2		1	3
RELAY, SWITCHING						4		4	6
SECONDARY FLOAT						3		2	4
SOLENIOD VALVES				3		1		3	5
HOT TANK SWITCH TURNED OFF					1				
FILTERS/RO MEMBRANE RESTRICTED									2
RESTRICTION IN CAP LINE OR DRIER/STRAINER		5							
LIMING CONDITION IN HOT TANK				2			3		